

daitso



# HVAC and Heating Systems Catalogue

2025 - 2026





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2025 - 2026

**dzitsu**

# EUROFRED Group

*being efficient*

11

COMPANIES

7

COUNTRIES

> THAN

600

EMPLOYEES

## SPAIN

Eurofred SA

## FRANCE

Rolesco SAS

La Ventilation Francilienne LVF SAS

Air Professionnel SAV SAS

## ITALY

Eurofred Italy SPA

Rolesco SRL

## PORTUGAL

Eurofred Portugal SA

## UK

FG Eurofred LTD

## CHILE

Eurofred Chile SA



We started in **1966**,  
and today, more than  
50 years later, we have become  
an international **distributor**  
of **HVAC, heating systems**  
and **services**.

Year after year, we support our  
partners with a broad portfolio  
of personalised solutions and  
services, which has allowed us  
to consolidate our position in  
the **main markets of Western**  
**Europe** and extend our business  
reach in South America.

## Global solution

We are the sum of our efforts. Based on our detailed knowledge of the market and our partners' needs and our comprehensive, A to Z support in each project, we develop and offer you global solutions adapted to your every need.

## Being efficient

Efficiency is our principal identifying feature, which makes us unique in the market. This is something that can only be achieved with the latest technology and the constant development of eco-efficient solutions, such as the latest generation of environmentally friendly refrigerant gases that we incorporate in our products, which allow us to reduce our consumption of natural resources and reduce our environmental impact. Energy efficiency and a commitment to the environment go hand in hand at Eurofred Group.

## How can we support you?

An expert team in the different business units offers you personalised support to ensure the success of each of your projects.

### COMPREHENSIVE ADVICE

55,700 m<sup>2</sup> of warehouses ensure stock availability and on-time delivery of your equipment.

### LOGISTICS AND STOCK

You have at your disposal one of the most extensive technical networks on the market to assist you with any incident in the shortest possible time.

### TECHNICAL SUPPORT

We provide value to your business with our eco-efficient solutions, which reduce the impact on the environment and provide savings on energy consumption.

### QUALITY AND ENVIRONMENT

In addition, the quality of the internal processes and environmental management carried out at Eurofred\* are certified by various certificates that guarantee their reliability.



\*Eurofred SA and Eurofred Portugal.



## Continuous Training for HVAC Professionals



### Do you want to stay up to date in air conditioning, ventilation, and air to water technology?

Eurofred Academy is your go-to resource for training in the most innovative technologies in the industry. We offer a comprehensive and tailored training program with specialized courses and learning levels that adapt to all profiles, from technicians to designers.

### Our Customized Training Includes:

- **Air to water technology:** From beginner levels to specialization in installation and maintenance.
- **Energy efficiency:** Focusing on new regulations and the most sustainable solutions.
- **Advanced air conditioning:** Covering variable flow systems, eco-friendly refrigerants, and much more.

### You Choose:

- **In-person courses** at our facilities
- **On-site courses** at your location
- **Online sessions** through our e-learning platform

## Our centres

### Spain

#### BARCELONA

Marquès de Sentmenat, 97  
08029 Barcelona

#### TARRAGONA

Pol.Ind.Les Arenelles Naves 4-5  
Nord s/n 43814  
Vila-rodona (Tarragona)

#### MADRID

Miguel Faraday, 20  
28906 Getafe (Madrid)

#### SEVILLE

Artesanía, 30  
41927 Mairena del Aljarafe (Sevilla)

### Italy

#### TREVISO

Via Europa,  
31020 San Fior, Treviso

### Chile

#### SANTIAGO CHILE

Jorge Alesandri, 614  
La Reina, Santiago Chile

# NEW ONLINE PLATFORM

## Learn anytime, anywhere

Discover the new e-learning platform of Eurofred Academy and access specialized training whenever you want. Enjoy free courses, tutorial videos, live webinars, and exclusive materials from any device. Adapt continuous learning to your daily routine to enhance your skills, grow your business, and increase customer satisfaction.

The first theoretical and practical training programs on the platform focus on:

- Fundamentals and project development for residential and commercial air conditioning
- Fundamentals and project development for air to water technology
- Identification of HVAC and air to water solutions for residential and commercial applications using Fujitsu and Daitsu technology
- Innovation in air conditioning and air to water systems
- New European regulations

Additionally, each course includes a certification that validates your progress.

### Interested?

Explore the full training offer and start developing your talent today.

[academy.eurofred.com](https://academy.eurofred.com)



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# Residential

| MONOSPLIT                                                                         |                         | Cooling power (kW) |          |          |     |          |     |          |     |            |      |
|-----------------------------------------------------------------------------------|-------------------------|--------------------|----------|----------|-----|----------|-----|----------|-----|------------|------|
|                                                                                   |                         | 2.0                | 2.5      | 3.5      | 4.0 | 5.0      | 6.0 | 7.0      | 8.0 | 9.0 - 10.0 | 12.0 |
|  | Artic Plus Wall-Mounted |                    | DS09KTP6 | DS12KTP6 |     | DS18KTP6 |     | DS24KTP6 |     |            |      |
|  | Cool Pro Wall-Mounted   |                    | DS09KKD  | DS12KKD  |     | DS18KKD  |     | DS24KKD  |     |            |      |

## MULTISPLIT

|                                                                                     |                                  |  |          |          |           |             |           |  |             |            |            |
|-------------------------------------------------------------------------------------|----------------------------------|--|----------|----------|-----------|-------------|-----------|--|-------------|------------|------------|
|    | Free Max outdoor units           |  |          |          | DOSM14KDT | DOSM18K-DT3 | DOSM21KDT |  | DOSM27K-DT3 | DOSM32K-DT | DOSM42K-DT |
|    | Free Max Artic Wall-Mounted      |  | DS09KTP4 | DS12KTP4 |           |             | DS18KTP4  |  |             |            |            |
|    | Free Max Artic Plus Wall-Mounted |  | DS09KTP6 | DS12KTP6 |           |             | DS18KTP6  |  |             |            |            |
|    | Free Max duct                    |  | DC09KTP  | DC12KTP  |           |             | DC18KTP   |  |             |            |            |
|   | Free Max cassette                |  | DU09KTP  | DU12KTP  |           |             | DU18KTP   |  |             |            |            |
|  | Free Max floor                   |  | DG09KTP  | DG12KTP  |           |             | DG18KTP   |  |             |            |            |

## PORTABLE AIR CONDITIONERS

|                                                                                     |                 |         |          |                     |  |  |  |  |  |  |  |
|-------------------------------------------------------------------------------------|-----------------|---------|----------|---------------------|--|--|--|--|--|--|--|
|  | Alisios         | APD07FX | APD09FX  |                     |  |  |  |  |  |  |  |
|  | Alisios Premium |         | APD09FX2 | APD12FX<br>APD12FCX |  |  |  |  |  |  |  |

|                                                                                     |                     | Dehumidification capacity (l/day) |         |
|-------------------------------------------------------------------------------------|---------------------|-----------------------------------|---------|
| DEHUMIDIFIERS                                                                       |                     | 12                                | 20      |
|  | <b>NEW!</b><br>Aral | ADD20XB                           | ADD12XB |



# Light commercial

| MONOSPLIT                                                                         |                        | Cooling power (kW) |           |           |           |           |                         |                         |                         |            |
|-----------------------------------------------------------------------------------|------------------------|--------------------|-----------|-----------|-----------|-----------|-------------------------|-------------------------|-------------------------|------------|
|                                                                                   |                        | 2.5                | 3.5       | 5.0       | 7.0       | 8.5       | 10.0                    | 12.0                    | 13.5                    | 16.0       |
|  | Atlas II Duct          |                    | ACD12KDBS | ACD18KDBS | ACD24KDBS | ACD30KDBS | ACD36KDBS<br>ACD36TKDBS | ACD42KDBS<br>ACD42TKDBS | ACD48KDBS<br>ACD48TKDBS | ACD60TKDBS |
|  | Atlas II Cassette      |                    | AUD12KDBS | AUD18KDBS | AUD24KDBS | AUD30KDBS | AUD36KDBS<br>AUD36TKDBS | AUD42KDBS<br>AUD42TKDBS | AUD48KDBS<br>AUD48TKDBS | AUD60TKDBS |
|  | Atlas II Floor-Ceiling |                    | ABD12KDBS | ABD18KDBS | ABD24KDBS | ABD30KDBS | ABD36KDBS<br>ABD36TKDBS | ABD42KDBS<br>ABD42TKDBS | ABD48KDBS<br>ABD48TKDBS | ABD60TKDBS |

CARAVANS

|                                                                                   |                              |       |       |  |
|-----------------------------------------------------------------------------------|------------------------------|-------|-------|--|
|  | <b>NEW!</b><br>Slim Caravans | AAD09 | AAD12 |  |
|-----------------------------------------------------------------------------------|------------------------------|-------|-------|--|

|                                                                                     |              | Air flow rate (m³/h) |         |
|-------------------------------------------------------------------------------------|--------------|----------------------|---------|
| AIR CURTAINS                                                                        |              | 1200                 | 1600    |
|  | Air curtains | AUD090K              | AUD120K |

# Air to Water Systems

| MULTI-HYBRID                                                                        |                           | Heating power (kW)               |                                   |              |                              |             |              |              |              |
|-------------------------------------------------------------------------------------|---------------------------|----------------------------------|-----------------------------------|--------------|------------------------------|-------------|--------------|--------------|--------------|
|                                                                                     |                           | 4                                | 6                                 | 8            | 9                            | 12          | 14           | 16           | 18           |
|    | AOHD Outdoor Units        |                                  |                                   |              |                              | AOHD40      | AOHD45       | AOHD54       |              |
|    | AquaBox AIHD              |                                  |                                   |              |                              |             |              | AIHD 16      |              |
|    | Multi-Hybrid DHW          | AIHD ACS 185                     |                                   |              |                              |             |              |              |              |
|    | ACVD Duct                 | ACVD07BP<br>ACVD09BP<br>ACVD12BP | ACVD14BP<br>ACVD20BP<br>ACVD18BP2 | ACVD26BP     | ACVD30BP<br>ACVD34BP         |             |              | ACVD54BP     |              |
|    | ACVD Duct LAP             | ACVD12 LAP<br>ACVD14 LAP         | ACVD18 LAP 2                      | ACVD24 LAP 2 | ACVD30 LAP 2<br>ACVD34 LAP 2 | ACVD36 LAP  | ACVD45 LAP 2 | ACVD54 LAP 2 | ACVD60 LAP 2 |
|    | AUVD Cassette             | AUVD 12<br>AUVD 09               | AUVD 18<br>AUVD 14                |              |                              |             |              |              |              |
|    | AUVD Cassette Max         |                                  |                                   | AUVD 24 MAX  | AUVD 30 MAX                  | AUVD 36 MAX | AUVD 45 MAX  | AUVD 54 MAX  |              |
|   | ASVD Premium Wall-Mounted | ASVD 12<br>ASVD 09               | ASVD 14                           | ASVD 24      |                              |             |              |              | ASVD 18      |
|  | AVBD 2 Floor-Ceiling      | DVB 2 09<br>DVB 2 12             |                                   | DVB 2 24     |                              | DVB 2 36    | DVB 2 45     | DVB 2 54     |              |

| MULTITASK SYSTEMS                                                                   |                                   | Heating power (kW) |           |         |                         |                     |                     |                                     |           |           |
|-------------------------------------------------------------------------------------|-----------------------------------|--------------------|-----------|---------|-------------------------|---------------------|---------------------|-------------------------------------|-----------|-----------|
|                                                                                     |                                   | 4                  | 6         | 8       | 9                       | 12                  | 14                  | 16                                  | 20        | 35        |
|  | Space II split                    | AWD 040            | AWD 060   | AWD 080 | AWD 100                 | AWD 120T<br>AWD 120 | AWD 140<br>AWD 140T | AWD 160T<br>AWD 160                 |           |           |
|  | All in One Urban II split         | AWD 040            | AWD 060   | AWD 080 | AWD 100                 | AWD 120<br>AWD 120T | AWD 140<br>AWD 140T | AWD 160<br>WD 160T                  |           |           |
|  | <b>NEW!</b><br>Monobloc Active II | AOWD2 04X          | AOWD2 06X |         | AOWD2 10X<br>AOWD2 10TX |                     |                     | AOWD 17X<br>AOWD2 17X<br>AOWD2 17TX |           |           |
|  | <b>NEW!</b><br>Monobloc Drive     |                    |           |         |                         |                     |                     |                                     | AOWD 20TX | AOWD 35TX |

|                                                                                     |                             | Capacity (L)   |              |                |                                        |
|-------------------------------------------------------------------------------------|-----------------------------|----------------|--------------|----------------|----------------------------------------|
| HEAT PUMP FOR DHW                                                                   |                             | 100            | 150          | 200            | 300                                    |
|  | <b>NEW!</b><br>Heatank V4.1 | AIHD V4.1 100L | AIHD V4 150L | AIHD V4.1 200L | AIHD V4.1 300L<br>SOLAR AIHD V4.1 300L |
|  | Heatank Infinity            |                |              |                | HEATANK INFINITY 315L                  |

# Air to Water Systems

| HEAT PUMP FOR SWIMMING POOLS                                                      |          | Heating power (kW) |          |          |          |          |                       |           |
|-----------------------------------------------------------------------------------|----------|--------------------|----------|----------|----------|----------|-----------------------|-----------|
|                                                                                   |          | 7                  | 9        | 12       | 16       | 18       | 24                    | 28        |
|  | Coral II | SWD 28 K           | SWD 30 K | SWD 40 K | SWD 54 K | SWD 60 K | SWD 80 K<br>SWD 80 TK | SWD 90 TK |

| STORAGE TANKS                                                                     |                  | Capacity (L) |              |               |               |               |               |               |
|-----------------------------------------------------------------------------------|------------------|--------------|--------------|---------------|---------------|---------------|---------------|---------------|
|                                                                                   |                  | 200          | 300          | 1000          | 2000          | 3000          | 4000          | 5000          |
|  | Aquatank NEO HP  | NEO HP 0200L | NEO HP 0300L |               |               |               |               |               |
|  | Aquatank WITD HC |              |              | WITD HC 1000L | WITD HC 2000L | WITD HC 3000L | WITD HC 4000L | WITD HC 5000L |

# Indoor Air Quality

| RESIDENTIAL PURIFIERS                                                               |          | Area of application (m²) |          |          |          |
|-------------------------------------------------------------------------------------|----------|--------------------------|----------|----------|----------|
|                                                                                     |          | 8                        | 20       | 40       | 50       |
|  | Holly    | CADR 065                 |          | CADR 350 |          |
|  | Purifier |                          | CADR 118 |          | CADR 420 |

| HIGH-EFFICIENCY HEAT RECOVERY UNITS                                                 |              | Air flow rate (m³/h) |                  |                  |                  |                  |                  |                  |                                   |                  |
|-------------------------------------------------------------------------------------|--------------|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------------------------|------------------|
|                                                                                     |              | 150                  | 500              | 800              | 1000             | 1200             | 1600             | 2500             | 2800                              | 4000             |
|  | RHR Freshome | RHR 150 RHR 200      |                  |                  |                  |                  |                  |                  |                                   |                  |
|  | HRD LITE EC  |                      | HRD LITE EC 0500 | HRD LITE EC 0700 | HRD LITE EC 1000 | HRD LITE EC 1200 | HRD LITE EC 1600 | HRD LITE EC 2500 | HRD LITE EC 2800 HRD LITE EC 3300 | HRD LITE EC 4000 |

# Industrial

| AUTONOMOUS UNITS                                                                  |           | Cooling power (kW) |                 |                 |                 |
|-----------------------------------------------------------------------------------|-----------|--------------------|-----------------|-----------------|-----------------|
|                                                                                   |           | 20                 | 25              | 30              | 40              |
|  | COMPACT 3 | ACD UiAT 080 C3    | ACD UiAT 100 C3 | ACD UiAT 110 C3 | ACD UiAT 150 C3 |

| VRF                                                                                 |                                      | Cooling power (kW)                              |                                                  |                    |                                    |                                |                                     |                                |                  |                  |                      |    |    |     |
|-------------------------------------------------------------------------------------|--------------------------------------|-------------------------------------------------|--------------------------------------------------|--------------------|------------------------------------|--------------------------------|-------------------------------------|--------------------------------|------------------|------------------|----------------------|----|----|-----|
|                                                                                     |                                      | 2                                               | 5                                                | 7                  | 10                                 | 12                             | 14                                  | 16                             | 21               | 26               | 30                   | 70 | 80 | 130 |
|    | VRF Micro<br>AOVD                    |                                                 |                                                  |                    |                                    | AOVD 40<br>COMPACT<br>AOVD 40T | AOVD 45T<br>AOVD 45<br>COM-<br>PACT | AOVD 54<br>COMPACT<br>AOVD 54T | AOVD 72T<br>SLIM | AOVD<br>90T SLIM | AOVD<br>108T<br>SLIM |    |    |     |
|    | ACVD Duct                            | ACV-<br>D07BP<br>ACV-<br>D09BP<br>ACV-<br>D12BP | ACV-<br>D14BP<br>ACV-<br>D20BP<br>ACV-<br>D18BP2 | ACV-<br>D26BP      | ACV-<br>D30BP<br>ACV-<br>D34BP     |                                |                                     | ACV-<br>D54BP                  |                  | ACVD 60<br>LAP 2 |                      |    |    |     |
|    | ACVD Duct<br>LAP                     | ACVD12<br>LAP<br>ACVD14<br>LAP                  | ACVD18<br>LAP 2                                  | ACVD24<br>LAP 2    | ACVD30<br>LAP 2<br>ACVD34<br>LAP 2 | ACVD36<br>LAP                  | ACVD45<br>LAP 2                     | ACVD54<br>LAP 2                | ACVD60<br>LAP 2  |                  |                      |    |    |     |
|   | AUVD<br>Cassette                     |                                                 | AUVD 12<br>AUVD 09                               | AUVD 18<br>AUVD 14 |                                    |                                |                                     |                                |                  |                  |                      |    |    |     |
|  | AUVD Cas-<br>sette Max               |                                                 |                                                  |                    | AUVD 24<br>MAX                     | AUVD 30<br>MAX                 | AUVD 36<br>MAX                      | AUVD 45<br>MAX                 | AUVD 54<br>MAX   |                  |                      |    |    |     |
|  | ASVD<br>Premium<br>Wall-Mount-<br>ed |                                                 | ASVD 12<br>ASVD 09                               | ASVD 14            | ASVD 24                            |                                |                                     |                                |                  | ASVD 18          |                      |    |    |     |
|  | AVBD 2<br>Floor-Ceiling              |                                                 | DVB 2 09<br>DVB 2 12                             |                    | DVB 2 24                           |                                | DVB 2 36                            | DVB 2 45                       | DVB 2 54         |                  |                      |    |    |     |

## CHILLERS

|                                                                                     |                                         |                |                |                |                |                  |                      |                   |  |                   |              |              |              |  |
|-------------------------------------------------------------------------------------|-----------------------------------------|----------------|----------------|----------------|----------------|------------------|----------------------|-------------------|--|-------------------|--------------|--------------|--------------|--|
|  | Mini Chiller CRAD 3 KiAWP               | CRAD3 KiAWP 15 | CRAD3 KiAWP 25 | CRAD3 KiAWP 35 | CRAD3 KiAWP 50 | CRAD3 KiAWP 55 T | CRAD3 KiAWP 60, 60 T |                   |  |                   |              |              |              |  |
|  | Fit Chiller CFAD KiAWP                  |                |                |                |                |                  |                      | CFAD KiAWP 080 PS |  | CFAD KiAWP 100 PS |              |              |              |  |
|  | <b>NEW!</b><br>Modular Chiller CSAD KSP |                |                |                |                |                  |                      |                   |  |                   | CSAD KSP 250 | CSAD KSP 300 | CSAD KSP 450 |  |

| FANCOILS                                                                            |                           | Cooling power (kW) |                        |           |           |
|-------------------------------------------------------------------------------------|---------------------------|--------------------|------------------------|-----------|-----------|
|                                                                                     |                           | 1                  | 2                      | 3         | 4         |
|  | Fancoil Full Slim Crystal | AGFD 0200          | AGFD 0300<br>AGFD 0600 | AGFD 0800 | AGFD 1000 |

A modern interior scene featuring a dining table and chairs in the foreground, a sofa and side table in the background, and a large window with a grid pattern. A teal semi-circular graphic is overlaid on the image, containing the text.

# RESIDENTIAL

Daitsu has refreshed its offer once again to enhance design, efficiency and connectivity at home.



## RESIDENTIAL

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|                                  |                |
|----------------------------------|----------------|
| <b>Monosplit</b>                 | <b>16</b>      |
| Artic Plus Wall-Mounted          | 16             |
| Cool Pro Wall-Mounted            | 18             |
| <b>Multisplit</b>                | <b>20</b>      |
| Free Max outdoor units           | 21             |
| Free Max Artic Wall-Mounted      | 21             |
| Free Max Artic Plus Wall-Mounted | 21             |
| Free Max duct                    | 22             |
| Free Max cassette                | 22             |
| Free Max floor                   | 22             |
| <b>Portable air conditioners</b> | <b>24</b>      |
| Alisios                          | 24             |
| Alisios Premium                  | 25             |
| <b>Dehumidifiers</b>             | <b>26</b>      |
| Aral                             | <b>NEW!</b> 26 |

# Artic Plus Wall-Mounted

Includes filters:

- Dust
- Silver ions
- Active carbon
- Catechin
- Vitaminised (C)



The ARTIC PLUS range is high-performance and has a white textured panel design that blends stylishly into any environment.

## FEATURES

The equipment has the most advanced features such as A+++energy class, which means significant savings in electricity consumption. It also includes the following outstanding features:

- Wi-Fi control included.
- Low noise mode for restful sleep (reduces up to 2dB).
- 5 high-efficiency filters.
- Automatic swing of the blade with horizontal and vertical oscillation.
- Gentle Air mode ensures a gentle breeze by avoiding direct gusts of air.
- Self-cleaning evaporator that removes dust and bacteria through a sterilisation process.
- I feel sensor in the control for improved comfort.
- Dry contact for ON/OFF.
- Temperature and mode indicator light on the panel.

## WI-FI CONTROL INCLUDED

The indoor unit can be controlled from any location via Smartphone or Tablet using the **Smart Life** application.



## GENTLE AIR





REFRIGERANT  
**R32**  **inverter** **A+++**

| Model                                       |                              | DS09KTP6             | DS12KTP6             | DS18KTP6             | DS24KTP6             |
|---------------------------------------------|------------------------------|----------------------|----------------------|----------------------|----------------------|
| Code                                        |                              | 3NDA01650            | 3NDA01655            | 3NDA01660            | 3NDA01665            |
| Cooling power                               | kW                           | 2,6 (0,9-3,7)        | 3,5 (1,0-4,6)        | 5,2 (1,25-5,9)       | 6,9 (1,8-7,8)        |
| Heating power                               | kW                           | 3,5 (0,9-4,0)        | 3,9 (1,0-4,9)        | 5,5 (1,25-6,7)       | 7,1 (1,85-8,0)       |
| Electricity consumption cold / heat         | kW                           | 0,67 / 0,88          | 1,05 / 0,96          | 1,42 / 1,40          | 1,94 / 1,81          |
| EER / COP                                   |                              | 3,88 / 3,97          | 3,34 / 4,00          | 3,66 / 3,92          | 3,56 / 3,92          |
| SEER / SCOP                                 |                              | 8,5 / 4,7            | 8,5 / 4,7            | 8,5 / 4,6            | 8,5 / 4,7            |
| Energy class cold / heat                    |                              | A+++ / A++           | A+++ / A++           | A+++ / A++           | A+++ / A++           |
| Power supply                                | V / n° / Hz                  | 230 / 1 / 50         | 230 / 1 / 50         | 230 / 1 / 50         | 230 / 1 / 50         |
| Absorbed intensity cold / heat              | A                            | 3,0 / 4,1            | 4,8 / 4,0            | 6,4 / 6,4            | 8,7 / 8,0            |
| Power cable                                 | n° x s                       | (U.E) 2 x 2,5 + T    | (U.E) 2 x 2,5 + T    | (U.E) 2 x 2,5 + T    | (U.E) 2 x 2,5 + T    |
| Link cable                                  | n° x s                       | 4 x 0,75 + T         | 4 x 0,75 + T         | 4 x 0,75 + T         | 4 x 0,75 + T         |
| Operating range cold / heat                 | °C                           | -15~ +53 / -25 ~ +30 | -15~ +53 / -25 ~ +30 | -15~ +53 / -25 ~ +30 | -15~ +53 / -25 ~ +30 |
| Pipe diameter - Liquid / Gas                | Pul.                         | 1/4 / 3/8            | 1/4 / 3/8            | 1/4 / 1/2            | 1/4 / 1/2            |
| Maximum total / vertical distance permitted | m                            | 25 / 10              | 25 / 10              | 25 / 10              | 25 / 10              |
| <b>OUTDOOR UNIT</b>                         |                              |                      |                      |                      |                      |
| Sound pressure                              | dB (A)                       | 52                   | 53                   | 55                   | 58                   |
| Sound power                                 | dB (A)                       | 62                   | 63                   | 65                   | 68                   |
| Refrigerant                                 | Type                         | R32                  | R32                  | R32                  | R32                  |
| Refrigerant load                            | Kg<br>(CO <sub>2</sub> eq-T) | 0,57 (0,385)         | 0,6 (0,405)          | 0,87 (0,59)          | 1,27 (0,86)          |
| Air flow rate max.                          | m³/h                         | 2000                 | 2300                 | 3000                 | 4000                 |
| Dimensions Height / Width / Depth           | mm                           | 498 / 787 / 290      | 549 / 810 / 305      | 699 / 927 / 380      | 803 / 978 / 421      |
| Net weight                                  | Kg                           | 22                   | 24                   | 38                   | 46,5                 |
| <b>INDOOR UNIT</b>                          |                              |                      |                      |                      |                      |
| Air flow rate                               | m³/h                         | 650                  | 650                  | 970                  | 1100                 |
| Sound pressure H / M / L / SL               | dB (A)                       | 37 / 29 / 25 / 19    | 37 / 29 / 25 / 19    | 40 / 36 / 34 / 32    | 40 / 34 / 30 / 26    |
| Sound power H / M / L / SL                  | dB (A)                       | 47 / 39 / 35 / 29    | 47 / 39 / 35 / 29    | 50 / 46 / 44 / 42    | 50 / 44 / 40 / 36    |
| Dimensions Height / Width / Depth           | mm                           | 306 / 820 / 195      | 306 / 820 / 195      | 306 / 920 / 195      | 333 / 1100 / 222     |
| Net weight                                  | Kg                           | 9                    | 9                    | 10                   | 14                   |

#### Accessories

|                    |                                    |
|--------------------|------------------------------------|
| <b>3NDA9016_10</b> | Active carbon filter               |
| <b>3NDA9071</b>    | Anti-bacteria filter               |
| <b>3NDA9073</b>    | Anti-mite filter                   |
| <b>3NDA9068</b>    | Catechin filter                    |
| <b>3NDA9072</b>    | Electrostatic anti-dust filter     |
| <b>3NDA9067</b>    | FLD-CT-A Anti Dust Filter Standard |
| <b>3NDA9070</b>    | Ioniser filter                     |
| <b>3NDA9017_10</b> | Multifunction filter               |
| <b>3NDA9069</b>    | Photocatalysis filter              |
| <b>3NDA9075</b>    | PM 2.5 + Catechin filter           |
| <b>3NDA9074</b>    | PM 2.5 + Ioniser filter            |
| <b>3NDA9085</b>    | Wired control                      |

# Cool Pro Wall-Mounted



## MAXIMUM COMFORT AND ENERGY SAVING

The Daitsu Cool Pro range has a **stylish and compact design** with smooth lines that fits unobtrusively into any type of environment.

## CHARACTERISTICS

- Wi-Fi control included.
- Dust filter.
- I feel sensor on the control.
- Vertical blade swing.
- Dry contact for ON/OFF.
- Temperature and mode indicator light on the panel.

## WI-FI CONTROL INCLUDED

The indoor unit can be controlled from any location via Smartphone or Tablet using the ConnectLife application.



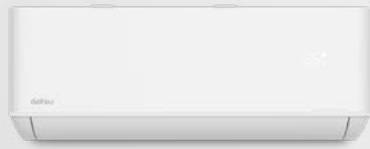


| Model                                       |                              | DS09KKD               | DS12KKD               | DS18KKD               | DS24KKD               |
|---------------------------------------------|------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Code                                        |                              | 3NDA01500             | 3NDA01505             | 3NDA01510             | 3NDA01515             |
| Cooling power                               | kW                           | 2,6 (1,0 - 3,0)       | 3,4 (1,0 - 4,0)       | 5,0 (1,0 - 6,0)       | 6,5 (1,6 - 7,2)       |
| Heating power                               | kW                           | 2,7 (1,0 - 3,0)       | 3,8 (1,0 - 4,2)       | 5,6 (1,6 - 6,2)       | 7,10 (1,8 - 7,3)      |
| Electricity consumption cold / heat         | kW                           | 0,85 / 0,7            | 1,13 / 1,05           | 1,54 / 1,55           | 2,06 / 2,15           |
| EER / COP                                   |                              | 3,04 / 3,85           | 2,98 / 3,62           | 3,25 / 3,61           | 3,15 / 3,30           |
| SEER / SCOP                                 |                              | 6,10 / 4,00           | 6,10 / 4,00           | 6,10 / 4,00           | 6,20 / 4,00           |
| Energy class cold / heat                    |                              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              |
| Power supply                                | V / n° / Hz                  | 230 / 1 / 50          | 230 / 1 / 50          | 230 / 1 / 50          | 230 / 1 / 50          |
| Absorbed intensity cold / heat              | A                            | 3,9 / 3,1             | 5 / 4,7               | 6,9 / 7               | 9,1 / 9,6             |
| Power cable                                 | n° x s                       | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (UE) 2 x 2,5 + T      | (UE) 2 x 2,5 + T      |
| Link cable                                  | n° x s                       | 4 x 1,5 + T           | 4 x 1,5 + T           | 4 x 1,5 + T           | 4 x 1,5 + T           |
| Operating range cold / heat                 | °C                           | -15 ~ +43 / -15 ~ +24 | -15 ~ +43 / -15 ~ +24 | -15 ~ +43 / -15 ~ +24 | -15 ~ +43 / -15 ~ +24 |
| Pipe diameter - Liquid / Gas                | Pul.                         | 1/4 / 3/8             | 1/4 / 3/8             | 1/4 / 1/2             | 3/8 / 5/8             |
| Max. distance pre-charged gas               | m                            | 5                     | 5                     | 5                     | 5                     |
| Maximum total / vertical distance permitted | m                            | 20 / 10               | 20 / 10               | 20 / 15               | 20 / 15               |
| <b>OUTDOOR UNIT</b>                         |                              |                       |                       |                       |                       |
| Sound pressure                              | dB (A)                       | 51                    | 52                    | 55                    | 56                    |
| Refrigerant                                 | Type                         | R32                   | R32                   | R32                   | R32                   |
| Refrigerant load                            | Kg<br>(CO <sub>2</sub> eq-T) | 0,46 (0,31)           | 0,58 (0,39)           | 1,15 (0,78)           | 1,32 (0,89)           |
| Air flow rate max.                          | m³/h                         | 1500                  | 1500                  | 2200                  | 2800                  |
| Dimensions Height / Width / Depth           | mm                           | 483 / 660 / 240       | 483 / 660 / 240       | 585 / 810 / 280       | 667 / 860 / 310       |
| Net weight                                  | Kg                           | 25                    | 25                    | 38,5                  | 46                    |
| <b>INDOOR UNIT</b>                          |                              |                       |                       |                       |                       |
| Air flow rate                               | m³/h                         | 550                   | 550                   | 880                   | 1100                  |
| Sound pressure H / M / L / SL               | dB (A)                       | 34 / 32 / 29 / 24     | 34 / 32 / 30 / 24     | 40 / 37 / 36 / 31     | 40 / 38 / 35 / 32     |
| Dimensions Height / Width / Depth           | mm                           | 255 / 790 / 197       | 255 / 790 / 197       | 300 / 890 / 220       | 325 / 998 / 225       |
| Net weight                                  | Kg                           | 8,6                   | 8,6                   | 12                    | 13,5                  |

#### Accessories

|                 |                                |
|-----------------|--------------------------------|
| <b>3NDA9071</b> | Anti-bacteria filter           |
| <b>3NDA9073</b> | Anti-mite filter               |
| <b>3NDA9068</b> | Catechin filter                |
| <b>3NDA9084</b> | Control por cable ACCD_WC7     |
| <b>3NDA9072</b> | Electrostatic anti-dust filter |
| <b>3NDA9070</b> | Ioniser filter                 |
| <b>3NDA9069</b> | Photocatalysis filter          |
| <b>3NDA9075</b> | PM 2.5 + Catechin filter       |
| <b>3NDA9074</b> | PM 2.5 + Ioniser filter        |

# Multisplit Free Max



IU Artic Wall-Mounted



IU Artic Plus Wall-Mounted



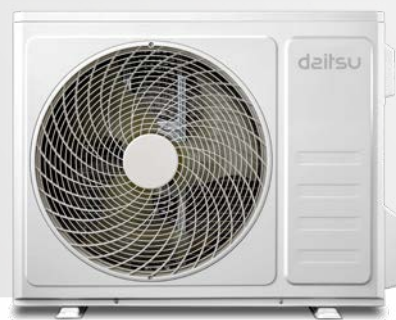
IU Duct



IU Cassette



IU Floor



## VERSATILITY AND SPACE SAVING

The Daitsu Free Max multisplit system allows you to air-condition your home or office **with up to 5 indoor units** with one single outdoor unit, saving space and installation costs.

A **versatile unit** with a wide range of indoor units in different formats to best suit the needs of the customer: **wall-mounted, duct, cassette and floor.**

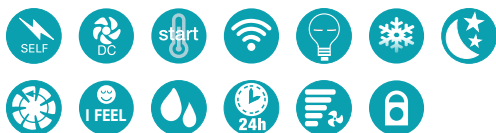
The Free Max range provides greater temperature control obtaining **maximum comfort** and savings thanks to its high energy rating.

## WI-FI CONTROL INCLUDED

All the indoor units can be controlled from any location via Smartphone or Tablet using the **Smart Life application**.







REFRIGERANT  
**R32** **inverter** **A++**



## Free Max Outdoor Units

| Model                                       |                            | DOSM14KDT           | DOSM18KDT3          | DOSM21KDT           | DOSM27KDT3          | DOSM32KDT           | DOSM42KDT            |
|---------------------------------------------|----------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|
| Code                                        |                            | 3NDA02120           | 3NDA01236           | 3NDA02121           | 3NDA01237           | 3NDA02122           | 3NDA02123            |
| Type                                        |                            | 2x1                 | 2x1                 | 3x1                 | 3x1                 | 4x1                 | 5x1                  |
| Cooling power                               | kW                         | 4,10 (1,20 - 4,85)  | 5,10 (1,23 - 5,60)  | 6,20 (2,80 - 6,60)  | 7,90 (2,80 - 8,80)  | 9,40 (3,10 - 10,20) | 12,20 (3,30 - 13,10) |
| Heating power                               | kW                         | 4,50 (1,25 - 5,20)  | 5,20 (1,29 - 5,75)  | 6,50 (2,45 - 6,80)  | 7,96 (2,45 - 8,80)  | 9,45 (2,55 - 10,20) | 12,20 (3,30 - 13,10) |
| Electricity consumption cold / heat         | kW                         | 1,27 / 1,21         | 1,55 / 1,33         | 1,92 / 1,75         | 2,45 / 2,15         | 2,77 / 2,54         | 3,81 / 3,69          |
| EER / COP                                   |                            | 3,29 / 3,71         | 3,30 / 3,90         | 3,23 / 3,71         | 3,23 / 3,71         | 3,40 / 3,71         | 3,20 / 3,31          |
| SEER / SCOP                                 |                            | 6,1 / 4,0           | 6,1 / 4,0           | 6,1 / 4,0           | 6,1 / 4,0           | 6,1 / 4,0           | 6,1 / 4,0            |
| Energy class cold / heat                    |                            | A++ / A+            | A++ / A+            | A++ / A+            | A++ / A+            | A++ / A+            | A++ / A+             |
| Power supply                                | V / n° / Hz                | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50         |
| Absorbed intensity cold / heat              | A                          | 6,3 / 5,9           | 7,5 / 6,2           | 9,8 / 9             | 11,7 / 10,1         | 14,1 / 13           | 16,8 / 15,8          |
| Power cable                                 | n° x s                     | (UE) 2 x 2,5 + T    | (UE) 2 x 2,5 + T    | (UE) 2 x 2,5 + T    | (UE) 2 x 2,5 + T    | (UE) 2 x 2,5 + T    | (UE) 2 x 2,5 + T     |
| Air flow rate                               | m³/h                       | 2600                | 2600                | 3000                | 3000                | 4000                | 4000                 |
| Operating range cold / heat                 | °C                         | +15 ~+53 / -20 ~+30 | +15 ~+53 / -20 ~+30 | +15 ~+53 / -20 ~+30 | +15 ~+53 / -20 ~+30 | +15 ~+53 / -20 ~+30 | +15 ~+53 / -20 ~+30  |
| Sound pressure                              | dB (A)                     | 54                  | 55                  | 57                  | 57                  | 60                  | 60                   |
| Pipe diameter - Liquid / Gas                | Pul.                       | 1/4 / 3/8           | 1/4 / 3/8           | 1/4 / 3/8           | 1/4 / 3/8           | 1/4 / 3/8           | 1/4 / 3/8            |
| Maximum total / vertical distance permitted | m                          | 40 / 15             | 40 / 15             | 60 / 15             | 60 / 15             | 80 / 15             | 90 / 15              |
| Refrigerant                                 | Type                       | R32                 | R32                 | R32                 | R32                 | R32                 | R32                  |
| Max. distance pre-charged gas               | m                          | 10                  | 10                  | 15                  | 15                  | 20                  | 25                   |
| Refrigerant load                            | Kg (CO <sub>2</sub> -eq-T) | 0,83 (0,561)        | 1,1 (0,743)         | 1,5 (1,013)         | 1,5 (1,013)         | 2,2 (1,485)         | 3 (2,025)            |
| Additional load                             | g/m                        | 15                  | 15                  | 15                  | 15                  | 15                  | 15                   |
| Simultaneity coefficient                    | %                          | 50% - 150%          | 50% - 150%          | 33% - 150%          | 33% - 150%          | 25% - 150%          | 20% - 150%           |
| Dimensions Height / Width / Depth           | mm                         | 602 / 853 / 349     | 602 / 853 / 349     | 699 / 920 / 380     | 699 / 920 / 380     | 910 / 990 / 340     | 910 / 990 / 340      |
| Net weight                                  | Kg                         | 29                  | 31                  | 42                  | 42                  | 68                  | 73                   |



## Free Max Artic Wall-Mounted

| Model                             |             | DS09KTP4          | DS12KTP4          | DS18KTP4          |
|-----------------------------------|-------------|-------------------|-------------------|-------------------|
| Code                              |             | 3NDA01631         | 3NDA01636         | 3NDA01641         |
| Cooling power                     | kW          | 2,7 (0,9 - 3,3)   | 3,5 (0,6 - 3,7)   | 5,2 (1,2 - 6,0)   |
| Heating power                     | kW          | 2,8 (0,6 - 3,4)   | 3,6 (0,6 - 3,9)   | 5,3 (1,2 - 6,2)   |
| Power supply                      | V / n° / Hz | 230 / 1 / 50      | 230 / 1 / 50      | 230 / 1 / 50      |
| Link cable                        | n° x s      | 3 x 1,5 + T       | 3 x 1,5 + T       | 3 x 1,5 + T       |
| Air flow rate                     | m³/h        | 560               | 560               | 820               |
| Sound pressure H / M / L / SL     | dB (A)      | 35 / 32 / 30 / 22 | 35 / 32 / 30 / 22 | 39 / 33 / 30 / 27 |
| Pipe diameter - Liquid / Gas      | Pul.        | 1/4 / 3/8         | 1/4 / 3/8         | 1/4 / 3/8         |
| Refrigerant                       | Type        | R32               | R32               | R32               |
| Dimensions Height / Width / Depth | mm          | 275 / 790 / 192   | 274 / 790 / 192   | 306 / 920 / 195   |
| Net weight                        | Kg          | 8,5               | 8,5               | 10                |



## Free Max Artic Plus Wall-Mounted

| Model                             |             | DS09KTP6          | DS12KTP6          | DS18KTP6          |
|-----------------------------------|-------------|-------------------|-------------------|-------------------|
| Code                              |             | 3NDA01651         | 3NDA01656         | 3NDA01661         |
| Cooling power                     | kW          | 2,6 (0,9-3,7)     | 3,5 (1,0-4,6)     | 5,2 (1,25-5,9)    |
| Heating power                     | kW          | 3,5 (0,9-4,0)     | 3,9 (1,0-4,9)     | 5,5 (1,25-6,7)    |
| Power supply                      | V / n° / Hz | 230 / 1 / 50      | 230 / 1 / 50      | 230 / 1 / 50      |
| Link cable                        | n° x s      | 3 x 1,5 + T       | 3 x 1,5 + T       | 3 x 1,5 + T       |
| Air flow rate                     | m³/h        | 650               | 650               | 970               |
| Sound pressure H / M / L / SL     | dB (A)      | 37 / 29 / 25 / 19 | 37 / 29 / 25 / 19 | 40 / 36 / 34 / 32 |
| Pipe diameter - Liquid / Gas      | Pul.        | 1/4 / 3/8         | 1/4 / 3/8         | 1/4 / 1/2         |
| Refrigerant                       | Type        | R32               | R32               | R32               |
| Dimensions Height / Width / Depth | mm          | 306 / 820 / 195   | 306 / 820 / 195   | 306 / 920 / 195   |
| Net weight                        | Kg          | 9                 | 9                 | 10                |

## Free Max duct



| Model                             |             | DC09KTP         | DC12KTP         | DC18KTP         |
|-----------------------------------|-------------|-----------------|-----------------|-----------------|
| Code                              |             | 3NDA01601       | 3NDA01602       | 3NDA01603       |
| Cooling power                     | kW          | 2,6             | 3,5             | 5,3             |
| Heating power                     | kW          | 2,8             | 4,0             | 5,7             |
| Power supply                      | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50    |
| Link cable                        | n° x s      | 3 x 1,5 + T     | 3 x 1,5 + T     | 3 x 1,5 + T     |
| Air flow rate                     | m³/h        | 600             | 600             | 850             |
| Sound pressure                    | dB (A)      | 36              | 36              | 37              |
| Nominal static pressure - Min/Máx | Pa          | 25 / 100        | 25 / 100        | 25 / 120        |
| Pipe diameter - Liquid / Gas      | Pul.        | 1/4 / 3/8       | 1/4 / 3/8       | 1/4 / 3/8       |
| Refrigerant                       | Type        | R32             | R32             | R32             |
| Dimensions Height / Width / Depth | mm          | 200 / 700 / 490 | 200 / 700 / 490 | 200 / 920 / 490 |
| Net weight                        | Kg          | 15              | 15              | 18              |

## Free Max cassette



| Model                                   |             | DU09KTP         | DU12KTP         | DU18KTP         |
|-----------------------------------------|-------------|-----------------|-----------------|-----------------|
| Code                                    |             | 3NDA01604       | 3NDA01605       | 3NDA01606       |
| Cooling power                           | kW          | 2,6             | 3,5             | 5,3             |
| Heating power                           | kW          | 2,8             | 4,0             | 5,7             |
| Power supply                            | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50    |
| Link cable                              | n° x s      | 3 x 1,5 + T     | 3 x 1,5 + T     | 3 x 1,5 + T     |
| Air flow rate                           | m³/h        | 650             | 650             | 750             |
| Sound pressure                          | dB (A)      | 42              | 42              | 45              |
| Pipe diameter - Liquid / Gas            | Pul.        | 1/4 / 3/8       | 1/4 / 3/8       | 1/4 / 3/8       |
| Refrigerant                             | Type        | R32             | R32             | R32             |
| Dimensions Height / Width / Depth       | mm          | 235 / 570 / 570 | 235 / 570 / 570 | 235 / 570 / 570 |
| Dimensions Panel Height / Width / Depth | mm          | 65 / 650 / 650  | 65 / 650 / 650  | 65 / 650 / 650  |
| Net weight                              | Kg          | 16              | 16              | 16              |

## Free Max floor



| Model                             |             | DG09KTP         | DG12KTP         | DG18KTP         |
|-----------------------------------|-------------|-----------------|-----------------|-----------------|
| Code                              |             | 3NDA01607       | 3NDA01608       | 3NDA01609       |
| Cooling power                     | kW          | 2,6             | 3,5             | 5,3             |
| Heating power                     | kW          | 2,8             | 4,0             | 5,7             |
| Power supply                      | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50    |
| Link cable                        | n° x s      | 3 x 1,5 + T     | 3 x 1,5 + T     | 3 x 1,5 + T     |
| Air flow rate                     | m³/h        | 650             | 650             | 800             |
| Sound pressure                    | dB (A)      | 40              | 40              | 45              |
| Pipe diameter - Liquid / Gas      | Pul.        | 1/4 / 3/8       | 1/4 / 3/8       | 1/4 / 3/8       |
| Refrigerant                       | Type        | R32             | R32             | R32             |
| Dimensions Height / Width / Depth | mm          | 700 / 600 / 212 | 700 / 600 / 212 | 700 / 600 / 212 |
| Net weight                        | Kg          | 15              | 15              | 15              |

| Features table                   |                       |                            |      |          |       |
|----------------------------------|-----------------------|----------------------------|------|----------|-------|
|                                  | ARTIC<br>WALL-MOUNTED | ARTIC PLUS<br>WALL-MOUNTED | DUCT | CASSETTE | FLOOR |
| Wi-Fi Control                    | ●                     | ●                          | ●    | ●        | ●     |
| I Feel Sensor                    | ●                     | ●                          | ●    | ●        | ●     |
| Dust filter                      | ●                     |                            | ●    | ●        | ●     |
| 5 High-efficiency filters        |                       | ●                          |      |          |       |
| Gentle Air                       |                       | ●                          |      |          |       |
| Self-cleaning evaporator         |                       | ●                          |      |          |       |
| Vertical/horizontal blade swing  |                       | ●                          |      |          |       |
| Super-silent mode                |                       | ●                          |      |          |       |
| 24h programmer <sup>(1)</sup>    | ●                     | ●                          | ●    | ●        | ●     |
| Weekly programmer <sup>(2)</sup> | ●                     | ●                          | ●    | ●        | ●     |
| Drain pump                       |                       |                            | ●    | ●        |       |
| Modbus connectivity              | ● <sup>(3)</sup>      | ● <sup>(3)</sup>           | ●    | ●        | ●     |
| Dry contact for ON/OFF           | ● <sup>(3)</sup>      | ● <sup>(3)</sup>           | ●    | ●        | ●     |
| Min/Max temperature limit        |                       |                            | ●    | ●        | ●     |

(1) Via remote control

(2) Via App

(3) Only available for KTP-4 and KTP-6 versions

## Multisplit Free Max accessories

| Code     | Model | Description                                                                                      | WALL-MOUNTED | DUCT | CASSETTE | FLOOR |
|----------|-------|--------------------------------------------------------------------------------------------------|--------------|------|----------|-------|
| 3NDA9085 |       | Wired control  | ○*           | ●    | ○        | ○     |

\*Only compatible with KTP-4 and KTP-6 versions.

● Included ○ Optional

## Multisplit Free Max combinations

|              | 1 indoor unit | 2 indoor units | 3 indoor units | 4 indoor units | 5 indoor units |
|--------------|---------------|----------------|----------------|----------------|----------------|
| DOSM-14KDT   | 9             | 9+9            |                |                |                |
|              | 12            | 9+12           |                |                |                |
|              | 9             | 9+9            | 9+18           |                |                |
|              | 12            | 9+12           | 12+12          |                |                |
| DOSM-18KDT-3 | 18            |                |                |                |                |
|              |               | 9+9            | 12+12          | 9+9+9          |                |
|              |               | 9+12           | 12+18          | 9+9+12         |                |
|              |               | 9+18           |                |                |                |
| DOSM-21KDT   |               | 9+9            | 12+18          | 9+9+9          | 9+12+18        |
|              |               | 9+12           | 18+18          | 9+9+12         | 12+12+12       |
|              |               | 9+18           |                | 9+9+18         |                |
|              |               | 12+12          | 9+12+12        |                |                |
| DOSM-27KDT-3 |               | 9+9            | 12+12          | 9+9+9          | 9+9+12+12      |
|              |               | 9+12           | 12+18          | 9+9+12         | 9+12+12+12     |
|              |               | 9+18           | 18+18          | 9+9+18         |                |
|              |               | 12+12          | 9+12+12        |                |                |
| DOSM-32KDT   |               | 9+9            | 12+12          | 9+9+9          | 9+12+12+12     |
|              |               | 9+12           | 12+18          | 9+9+12         | 9+12+18+18     |
|              |               | 9+18           | 18+18          | 9+9+18         | 9+9+9+18       |
|              |               |                | 9+12+12        |                |                |
| DOSM-42KDT   |               | 9+9            | 12+12          | 9+9+9          | 9+12+12+12     |
|              |               | 9+12           | 12+18          | 9+9+12         | 9+12+18+18     |
|              |               | 9+18           | 18+18          | 9+9+18         | 9+18+18+18     |
|              |               |                | 9+9+12         | 9+9+12+12      | 9+9+9+12+12    |
|              |               |                | 9+12+12        | 9+9+12+12      | 9+9+12+12+12   |
|              |               |                | 9+12+18        | 9+9+12+18      | 9+9+9+12+18    |

# Alisios



## COMPACT AND FUNCTIONAL

The Daitsu Alisios cold only portable units guarantee comfort anywhere at home. Their high energy saving and environmental friendliness have earned them an **A** energy efficiency rating.

The APD 07/09FX models include auto fan, cooling, dehumidification, ventilation, as well as 24h timer, air filter and sleep mode. The entire range uses R290-efficiency and **ecological refrigerant gas**.

## SLIDE WINDOW KIT INCLUDED

## WI-FI CONTROL INCLUDED

The unit can be controlled from any location via Smartphone or Tablet using the **Smart Life** application.



## REMOTE CONTROL INCLUDED

| Model                               |             | APD07FX         | APD09FX         |
|-------------------------------------|-------------|-----------------|-----------------|
| Code                                |             | 3NDA03015       | 3NDA03016       |
| Cooling power                       | kW          | 2,05            | 2,50            |
| Heating power                       | kW          | -               | -               |
| Electricity consumption cold / heat | kW          | 0,79 / -        | 0,96 / -        |
| EER / COP                           |             | 2,6 / -         | 2,6 / -         |
| Energy class cold / heat            |             | A / -           | A / -           |
| Power supply                        | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    |
| Air flow rate H / L                 | m³/h        | 320 / 260       | 320 / 260       |
| Sound pressure H / L                | dB (A)      | 54 / 51         | 54 / 51         |
| Refrigerant                         | Type        | R290            | R290            |
| Refrigerant load                    | Kg          | 0,125           | 0,18            |
| Dimensions Height / Width / Depth   | mm          | 670 / 300 / 270 | 670 / 300 / 270 |
| Net weight                          | Kg          | 21,5            | 23,3            |

### Accessories

**3NDA9076** Casement window kit

# Alisios Premium



## MAXIMUM EFFICIENCY AND DESIGN

The Daitsu Alisios portable units guarantee comfort anywhere at home, both in winter and summer.

Their high energy saving and environmental friendliness have earned them an **A energy efficiency rating in cold mode and A+ in heat mode.**

The Alisios Premium models feature auto fan, cooling, dehumidification, ventilation, as well as 24h timer, air filter, sleep mode and automatic blade swing. Model 12FCX has heating mode via heat pump. The entire range uses R290-efficiency and **ecological refrigerant gas.**

## SLIDE WINDOW KIT INCLUDED

## WI-FI CONTROL INCLUDED

The unit can be controlled from any location via Smartphone or Tablet using the **Smart Life** application.



## REMOTE CONTROL INCLUDED

| Model                               |             | APD09FX2        | APD12FX         | APD12FCX        |
|-------------------------------------|-------------|-----------------|-----------------|-----------------|
| Code                                |             | 3NDA03017       | 3NDA03018       | 3NDA03019       |
| Cooling power                       | kW          | 2,60            | 3,50            | 3,50            |
| Heating power                       | kW          | -               | -               | 3,20            |
| Electricity consumption cold / heat | kW          | 1 / -           | 1,35 / -        | 1,35 / 1,10     |
| EER / COP                           |             | 2,6 / -         | 2,6 / -         | 2,6 / 2,8       |
| Energy class cold / heat            |             | A / -           | A / -           | A / A+          |
| Power supply                        | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50    |
| Air flow rate H / L                 | m³/h        | 320 / 290       | 390 / 280       | 290 / 280       |
| Sound pressure H / L                | dB (A)      | 53 / 51         | 53 / 51         | 53 / 51         |
| Refrigerant                         | Type        | R290            | R290            | R290            |
| Refrigerant load                    | Kg          | 0,18            | 0,21            | 0,21            |
| Dimensions Height / Width / Depth   | mm          | 630 / 388 / 356 | 688 / 419 / 358 | 688 / 419 / 358 |
| Net weight                          | Kg          | 25              | 27              | 27,5            |

### Accessories

**3NDA9076** Casement window kit

# Aral



REFRIGERANT  
R290



## HIGH DEHUMIDIFYING CAPACITY

Datsu dehumidifiers reduce the humidity level in the room to a minimum and keep the air **dry and comfortable**.

They have multiple uses: for rainy and foggy seasons, for people with allergy problems, asthma, respiratory diseases, skin or bone diseases, etc.

## COMFORTABLE DESIGN

- Lightweight and compact design for easy transport and convenient storage.
- Wheels and top handle included as standard.
- Large capacity drain pan for prolonged use over time.

## HIGH PERFORMANCE

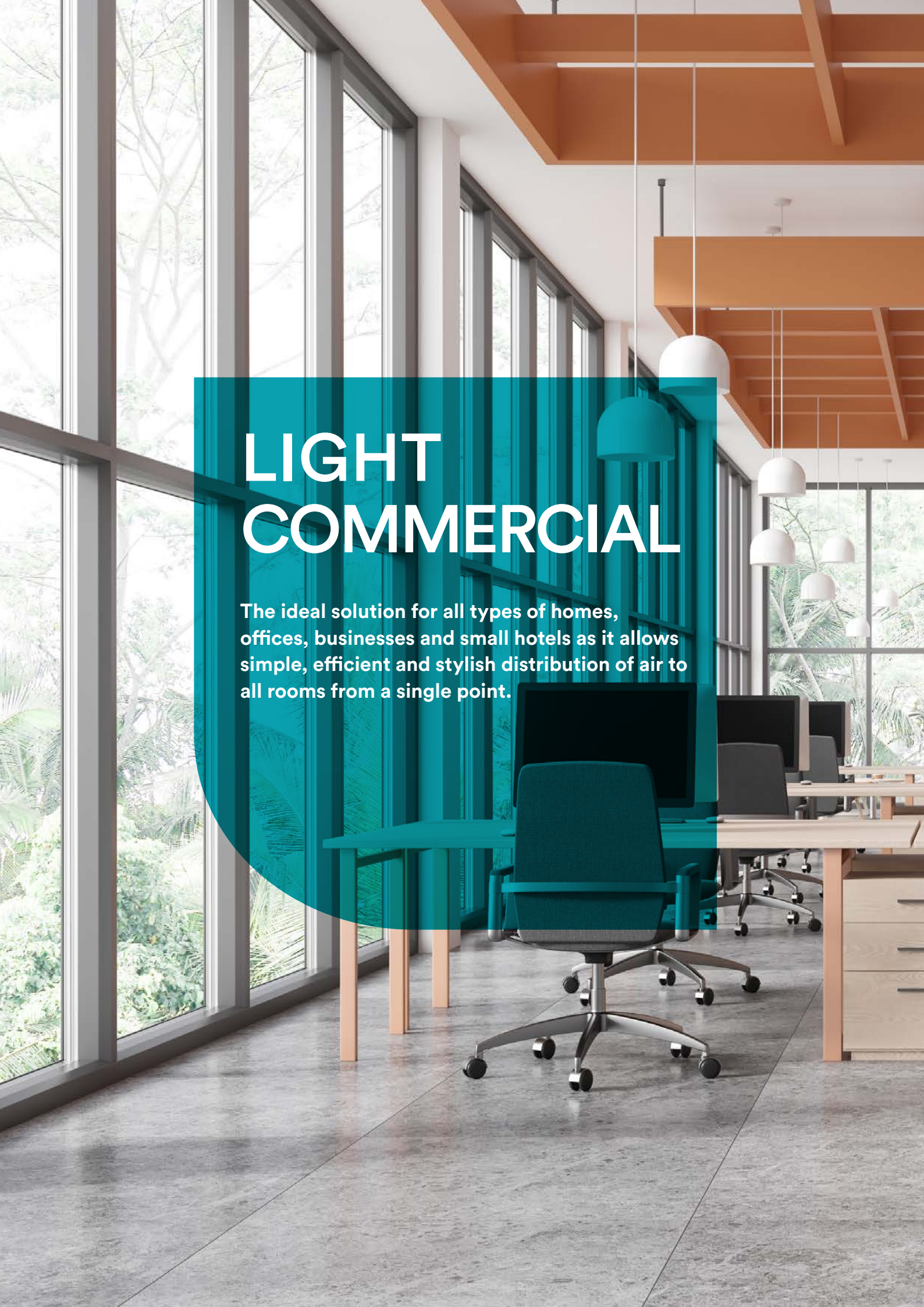
- Programmable timer for a period of 24 hours.
- The unit stops automatically when the humidity is 5% lower than the set humidity or when the tank is full, to avoid water leakage.
- Possibility of continuous drainage.
- The ADD-20XB model features Laundry Mode for quick drying of laundry.

NEW!

| Model                             |             | ADD12XB            | ADD20XB              |
|-----------------------------------|-------------|--------------------|----------------------|
| Code                              |             | 3NDA0043           | 3NDA0044             |
| Dehumidification                  | l/día       | 12                 | 20                   |
| Area of application               | m²          | 20                 | 40                   |
| Tank capacity                     | l           | 1,5                | 4,2                  |
| Power supply                      | V / n° / Hz | 230 / 1 / 50       | 230 / 1 / 50         |
| Absorbed intensity                | A           | 1,2                | 1,5                  |
| Cold operating range              | °C          | +5 ~+32            | +5 ~+32              |
| Electricity consumption           | kW          | 0,27               | 0,445                |
| Power cable                       | n° x s      | (UE)L+N+T (2,5mm²) | (UE) L+N+T (2,5 mm²) |
| Sound pressure                    | dB (A)      | 37                 | 41                   |
| Refrigerant                       | Type        | R290               | R290                 |
| Refrigerant load                  | Kg          | 0,04               | 0,06                 |
| Dimensions Height / Width / Depth | mm          | 386 / 280 / 195    | 570 / 360 / 200      |
| Net weight                        | Kg          | 9,7                | 12,2                 |





A modern office interior with large windows on the left side, providing a view of greenery outside. The ceiling features exposed orange wooden beams and several white pendant lights. In the foreground, there is a wooden desk with a teal office chair. A large teal semi-transparent rectangle is overlaid on the left side of the image, containing the text.

# LIGHT COMMERCIAL

The ideal solution for all types of homes, offices, businesses and small hotels as it allows simple, efficient and stylish distribution of air to all rooms from a single point.



# LIGHT COMMERCIAL

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|                        |                |
|------------------------|----------------|
| <b>MONOSPLIT</b>       | <b>30</b>      |
| Atlas II Duct          | 31             |
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| <b>Air curtains</b>    | <b>37</b>      |
| Air curtains           | 37             |
| <b>Caravans</b>        | <b>38</b>      |
| Slim Caravans          | <b>NEW! 38</b> |

# Atlas II Duct

Includes  
Filter:



**Cold Plasma**  
(except in units  
12 and 18)



## MAXIMUM EFFICIENCY AND EASY TO INSTALL

The Daitsu ATLAS II light commercial range of duct units is updated to adapt to all installation needs.

The entire ATLAS II range of **duct, cassette and floor-ceiling units** allows full integration in home automation by means of centralised controls and connectivity gateways to ensure total control of the installation.

## FEATURES

- Single-phase and three-phase units for maximum adaptation to installation requirements.
- High energy efficiency thanks to A++ rating.
- Dehumidification function from 12 °C.
- Air renewal system.
- Static pressure from 0 to 200 Pa.
- Wi-Fi control included via wall-mounted control.
- Condensate pump included.
- Compatible with Airzone systems.
- Modbus interface included.
- Includes I FEEL function with temperature and humidity sensor.



## WI-FI CONTROL INCLUDED

The indoor unit can be controlled from any location via Smartphone or Tablet using the EWPE Smart app.





REFRIGERANT  
**R32**  **inverter** 

| Model                                  |                           | ACD12KDBS           | ACD18KDBS           | ACD24KDBS           | ACD30KDBS           | ACD36KDBS           | ACD36TKDBS          | ACD42KDBS           | ACD42TKDBS          | ACD48KDBS           | ACD48TKDBS          | ACD60TKDBS          |
|----------------------------------------|---------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Code                                   |                           | 3NDA04500           | 3NDA04505           | 3NDA04510           | 3NDA04515           | 3NDA04520           | 3NDA04535           | 3NDA04525           | 3NDA04540           | 3NDA04530           | 3NDA04545           | 3NDA04550           |
| Cooling power                          | kW                        | 3,5 (0,9 - 4,0)     | 5,3 (1,6 - 5,8)     | 7,1 (2,4 - 7,6)     | 8,5 (2,9 - 9)       | 10,5 (3,2 - 11)     | 10,5 (3,2 - 11)     | 12,1 (3,6 - 13,1)   | 12,1 (3,6 - 13,1)   | 13,4 (6 - 14,2)     | 13,4 (6 - 14,2)     | 16 (4,8 - 17)       |
| Heating power                          | kW                        | 4,0 (0,9 - 4,5)     | 5,6 (1,6 - 6,1)     | 8,0 (2,2 - 8,6)     | 8,8 (2,5 - 9,5)     | 11,5 (3,0 - 12,5)   | 11,5 (3 - 12,5)     | 13,5 (3,6 - 14,5)   | 13,5 (3,6 - 14,5)   | 15,5 (3,9 - 16)     | 15,5 (3,9 - 16)     | 17 (4,5 - 18)       |
| Electricity consumption cold / heat    | kW                        | 1,03 / 1            | 1,51 / 1,42         | 1,92 / 2            | 2,5 / 2,25          | 3 / 2,8             | 3 / 2,8             | 3,58 / 3,7          | 3,58 / 3,7          | 4,5 / 4,5           | 4,5 / 4,5           | 5,4 / 4,7           |
| EER / COP                              |                           | 3,4 / 4             | 3,5 / 4             | 3,7 / 4,09          | 3,4 / 4,09          | 3,5 / 4,2           | 3,5 / 4,09          | 3,38 / 4,09         | 3,38 / 3,65         | 2,98 / 3,44         | 2,98 / 3,44         | 2,96 / 3,62         |
| SEER / SCOP                            |                           | 6,5 / 4             | 6,3 / 4             | 6,6 / 4,09          | 6,4 / 4,09          | 6,4 / 4,2           | 6,4 / 4,2           | 6,1 / 4,09          | 6,1 / 4,09          | 6,1 / 4             | 6,1 / 4             | 6,1 / 4             |
| Energy class cold / heat               |                           | A++ / A+            | A++ / A+            | A++ / A+            | A++ / A+            | A++ / A+            | A++ / A+            | A++ / A+            | A++ / A+            | A++ / A+            | A++ / A+            | A++ / A+            |
| Power supply                           | V / n° / Hz               | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 400 / 3 / 50        | 230 / 1 / 50        | 400 / 3 / 50        | 230 / 1 / 50        | 400 / 3 / 50        | 400 / 3 / 50        |
| Power cable                            | n° x s                    | (U.E) 2 x 2,5 + T   | (U.E) 2 x 2,5 + T   | (U.E) 2 x 2,5 + T   | (U.E) 2 x 2,5 + T   | (U.E) 2 x 2,5 + T   | (U.E) 2 x 2,5 + T   | (U.E) 2 x 2,5 + T   | (U.E) 2 x 2,5 + T   | (U.E) 2 x 2,5 + T   | (U.E) 2 x 2,5 + T   | (U.E) 2 x 2,5 + T   |
| Link cable                             | n° x s                    | 3 x 2,5 + T         | 3 x 2,5 + T         | 3 x 2,5 + T         | 3 x 2,5 + T         | 3 x 2,5 + T         | 3 x 2,5 + T         | 3 x 2,5 + T         | 3 x 2,5 + T         | 3 x 2,5 + T         | 3 x 2,5 + T         | 3 x 2,5 + T         |
| Static pressure - Range                | Pa                        | 0-80                | 0-80                | 0-160               | 0-160               | 0-160               | 0-160               | 0-160               | 0-160               | 0-200               | 0-200               | 0-200               |
| Maximum start current cold / heat      | A                         | 4,9 / 4,8           | 7,2 / 6,80          | 9,19 / 9,6          | 11,4 / 10,3         | 14,35 / 13,4        | 4,8 / 4,45          | 17,2 / 17,7         | 5,70 / 5,90         | 20,6 / 20,6         | 6,80 / 6,80         | 9,19 / 8,00         |
| <b>OUTDOOR UNIT</b>                    |                           |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |
| Refrigeration connections liquid / gas | Pul.                      | 1/4 / 3/8           | 1/4 / 1/2           | 3/8 / 5/8           | 3/8 / 5/8           | 3/8 / 5/8           | 3/8 / 5/8           | 3/8 / 5/8           | 3/8 / 5/8           | 3/8 / 5/8           | 3/8 / 5/8           | 3/8 / 5/8           |
| Operating range cold / heat            | °C                        | -20 ~+52 / -20 ~+24 | -20 ~+52 / -20 ~+24 | -20 ~+52 / -20 ~+24 | -20 ~+52 / -20 ~+24 | -20 ~+52 / -20 ~+24 | -20 ~+52 / -20 ~+24 | -20 ~+52 / -20 ~+24 | -20 ~+52 / -20 ~+24 | -20 ~+52 / -20 ~+24 | -20 ~+52 / -20 ~+24 | -20 ~+52 / -20 ~+24 |
| Air flow rate                          | m³/h                      | 1800                | 2200                | 3600                | 3600                | 4800                | 4800                | 5200                | 5200                | 5200                | 5200                | 5500                |
| Maximum vertical / total distance      | m                         | 15 / 30             | 20 / 30             | 20 / 30             | 25 / 30             | 30 / 75             | 30 / 75             | 30 / 75             | 30 / 75             | 30 / 75             | 30 / 75             | 30 / 75             |
| Preload Distance - Additional Load     | m / g/m                   | 7 / 16              | 7 / 16              | 7 / 20              | 7 / 20              | 7 / 20              | 7 / 20              | 7 / 20              | 7 / 20              | 9,5 / 35            | 9,5 / 35            | 9,5 / 35            |
| Refrigerant                            | Type                      | R32                 | R32                 | R32                 | R32                 | R32                 | R32                 | R32                 | R32                 | R32                 | R32                 | R32                 |
| Refrigerant load                       | Kg (CO <sub>2</sub> eq-T) | 0,57 (0,38)         | 0,85 (0,57)         | 1,50 (1,01)         | 1,50 (1,01)         | 2,1(1,42)           | 2,10 (1,42)         | 2,25 (1,52)         | 2,25 (1,52)         | 2,80 (1,89)         | 2,80 (1,89)         | 3,50 (2,36)         |
| Sound pressure                         | dB (A)                    | 48                  | 52                  | 55                  | 57                  | 57                  | 57                  | 58                  | 58                  | 59                  | 59                  | 60                  |
| Dimensions Height / Width / Depth      | mm                        | 553 / 675 / 285     | 555 / 745 / 300     | 660 / 889 / 340     | 660 / 889 / 340     | 820 / 940 / 370     | 820 / 940 / 370     | 820 / 940 / 370     | 820 / 940 / 370     | 820 / 940 / 370     | 820 / 940 / 370     | 960 / 990 / 370     |
| Net weight                             | Kg                        | 24,5                | 30,5                | 41,5                | 46                  | 65                  | 75                  | 66                  | 76                  | 73                  | 81                  | 94                  |
| <b>INDOOR UNIT</b>                     |                           |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |                     |
| Sound pressure H / M / L               | dB (A)                    | 35 / 33 / 32        | 36 / 35 / 33        | 37 / 35 / 33        | 43 / 41 / 39        | 39 / 38 / 37        | 39 / 38 / 37        | 43 / 42 / 41        | 43 / 42 / 41        | 43 / 42 / 40        | 43 / 42 / 40        | 46 / 44 / 42        |
| Air flow rate Min / Max                | m³/h                      | 400                 | 600                 | 800                 | 1000                | 1200                | 1200                | 1400                | 1400                | 1500                | 1500                | 1700                |
| Dimensions Height / Width / Depth      | mm                        | 200 / 700 / 450     | 200 / 1000 / 450    | 260 / 900 / 655     | 260 / 900 / 655     | 260 / 1340 / 655    | 260 / 1340 / 655    | 260 / 1340 / 655    | 260 / 1340 / 655    | 300 / 1400 / 700    | 300 / 1400 / 700    | 300 / 1400 / 700    |
| Net weight                             | Kg                        | 18                  | 24                  | 29,5                | 29,5                | 43                  | 43                  | 43                  | 43                  | 52                  | 52                  | 55                  |

# Atlas II Cassette

Includes  
Filter:



**Cold Plasma**  
(except in units  
12 and 18)



## STYLISH DESIGN AND 360° AIR OUTLET

Datsu ATLAS II Cassette range with stylish design and 360° air outlet to homogenise air distribution and cover the whole room.

The entire ATLAS II range of **duct, cassette and floor-ceiling units** allows full integration in home automation by means of centralised controls and connectivity gateways to ensure total control of the installation.

## FEATURES

Single-phase and three-phase units for maximum adaptation to installation requirements.

- High energy efficiency thanks to A++ rating.
- Condensate pump included.
- Orientable blades.
- Modbus interface included.
- Includes I FEEL function with temperature sensor.



## WI-FI CONTROL OPTIONAL

The indoor unit can be controlled from any location via Smartphone or Tablet using the **EWPE Smart app**.\*

\* Requires wired control cable 3NDA9082.







REFRIGERANT  
**R32**  **inverter** 

| Model                               |                           | AUD12KDBS             | AUD18KDBS             | AUD24KDBS             | AUD30KDBS             | AUD36KDBS             | AUD36TKDBS            | AUD42KDBS             | AUD42TKDBS            | AUD48KDBS             | AUD48TKDBS            | AUD60TKDBS            |
|-------------------------------------|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Code                                |                           | 3NDA04555             | 3NDA04560             | 3NDA04565             | 3NDA04570             | 3NDA04575             | 3NDA04590             | 3NDA04580             | 3NDA04595             | 3NDA04585             | 3NDA04600             | 3NDA04605             |
| Cooling power                       | kW                        | 3,5 (0,9 - 4)         | 5,3 (1,6 - 5,8)       | 7,1 (2,4 - 7,6)       | 8,5 (2,9 - 9,0)       | 10,5 (3,2 - 11)       | 10,5 (3,2 - 11)       | 12,1 (3,6 - 13,1)     | 12,1 (3,6 - 13,1)     | 13,4 (6,0 - 14,2)     | 13,4 (6,0 - 14,2)     | 16 (4,8 - 17)         |
| Heating power                       | kW                        | 4 (0,9 - 4,5)         | 5,6 (1,6 - 6,1)       | 8 (2,2 - 8,6)         | 8,8 (2,5 - 9,5)       | 11,5 (3 - 12,5)       | 11,5 (3 - 12,5)       | 13,5 (3,6 - 14,5)     | 13,5 (3,6 - 14,5)     | 15,5 (3,9 - 16)       | 15,5 (3,9 - 16)       | 17 (4,5 - 18)         |
| Electricity consumption cold / heat | kW                        | 0,92 / 1              | 1,47 / 1,6            | 2,03 / 2              | 2,5 / 2,25            | 3,1 / 2,95            | 3,1 / 2,95            | 3,9 / 3,97            | 3,9 / 3,97            | 4,6 / 4,7             | 4,60 / 4,7            | 5,3 / 5,7             |
| EER / COP                           |                           | 3,8 / 4               | 3,4 / 3,5             | 3,5 / 4               | 3,4 / 3,9             | 3,4 / 3,9             | 3,4 / 3,9             | 3,1 / 3,4             | 3,1 / 3,4             | 2,91 / 3,3            | 2,91 / 3,3            | 2,74 / 2,98           |
| SEER / SCOP                         |                           | 7,1 / 4,2             | 6,6 / 4               | 6,7 / 4,3             | 6,9 / 4,3             | 6,6 / 4,4             | 6,6 / 4,4             | 6,1 / 4,1             | 6,1 / 4,1             | 6,3 / 4               | 6,3 / 4               | 6,1 / 4               |
| Energy class cold / heat            |                           | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              |
| Maximum start current cold / heat   | A                         | 4,40 / 4,45           | 7,5 / 6,8             | 9,7 / 9,1             | 11,4 / 10,3           | 14 / 14,1             | 4,65 / 4,70           | 17,5 / 17,9           | 5,85 / 6              | 19,7 / 19,2           | 6,5 / 6,4             | 9 / 9,7               |
| Power supply                        | V / n° / Hz               | 230 / 1 / 50          | 230 / 1 / 50          | 230 / 1 / 50          | 230 / 1 / 50          | 230 / 1 / 50          | 400 / 3 / 50          | 230 / 1 / 50          | 400 / 3 / 50          | 230 / 1 / 50          | 400 / 3 / 50          | 400 / 3 / 50          |
| Power cable                         | n° x s                    | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     |
| Link cable                          | n° x s                    | 3 x 2,5 + T           | 3 x 2,5 + T           | 3 x 2,5 + T           | 3 x 2,5 + T           | 3 x 2,5 + T           | 3 x 2,5 + T           | 3 x 2,5 + T           | 3 x 2,5 + T           | 3 x 2,5 + T           | 3 x 2,5 + T           | 3 x 2,5 + T           |
| <b>OUTDOOR UNIT</b>                 |                           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| Operating range cold / heat         | °C                        | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 |
| Air flow rate                       | m³/h                      | 1800                  | 2200                  | 3600                  | 3600                  | 4800                  | 4800                  | 5200                  | 5200                  | 5200                  | 5200                  | 5500                  |
| Maximum vertical / total distance   | m                         | 15 / 30               | 20 / 30               | 20 / 30               | 25 / 30               | 30 / 75               | 30 / 75               | 30 / 75               | 30 / 75               | 30 / 75               | 30 / 75               | 30 / 75               |
| Preload Distance - Additional Load  | m / g/m                   | 5 / 16                | 5 / 16                | 5 / 20                | 5 / 20                | 5 / 20                | - / 20                | 5 / 20                | - / 20                | - / 35                | - / 35                | - / 35                |
| Refrigerant                         | Type                      | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   |
| Refrigerant load                    | Kg (CO <sub>2</sub> eq-T) | 0,57 (0,38)           | 0,85 (0,57)           | 1,50 (1,01)           | 1,50 (1,01)           | 2,10 (1,42)           | 2,10 (1,42)           | 2,25 (1,52)           | 2,25 (1,52)           | 2,80 (1,89)           | 2,80 (1,89)           | 3,50 (2,36)           |
| Sound pressure                      | dB (A)                    | 48                    | 52                    | 55                    | 57                    | 57                    | 57                    | 58                    | 58                    | 59                    | 59                    | 60                    |
| Dimensions Height / Width / Depth   | mm                        | 553 / 675 / 285       | 555 / 745 / 300       | 660 / 889 / 340       | 660 / 889 / 340       | 820 / 940 / 370       | 820 / 940 / 370       | 820 / 940 / 370       | 820 / 940 / 370       | 820 / 940 / 370       | 820 / 940 / 370       | 960 / 990 / 370       |
| Net weight                          | Kg                        | 24,5                  | 30,5                  | 41,5                  | 46                    | 65                    | 75                    | 66                    | 76                    | 73                    | 81                    | 94                    |
| <b>INDOOR UNIT</b>                  |                           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| Sound pressure H / M / L            | dB (A)                    | 36 / 35 / 33          | 41 / 40 / 38          | 41 / 39 / 37          | 46 / 45 / 43          | 48 / 46 / 45          | 48 / 46 / 45          | 45 / 43 / 40          | 45 / 43 / 40          | 51 / 48 / 45          | 51 / 48 / 45          | 53 / 51 / 48          |
| Air flow rate - Max.                | m³/h                      | 600                   | 720                   | 1100                  | 1400                  | 1500                  | 1500                  | 1700                  | 1700                  | 2000                  | 2000                  | 2300                  |
| Dimensions Height / Width / Depth   | mm                        | 260 / 570 / 570       | 260 / 570 / 570       | 200 / 840 / 840       | 200 / 840 / 840       | 240 / 840 / 840       | 240 / 840 / 840       | 240 / 840 / 840       | 240 / 840 / 840       | 290 / 840 / 840       | 290 / 840 / 840       | 290 / 840 / 840       |
| Net weight                          | Kg                        | 16,5                  | 16,5                  | 16,5                  | 16,5                  | 16,5                  | 16,5                  | 16,5                  | 16,5                  | 16,5                  | 16,5                  | 16,5                  |
| Panel Height / Width / Depth        | mm                        | 47,5 / 620 / 620      | 47,5 / 620 / 620      | 52 / 950 / 950        | 52 / 950 / 950        | 52 / 950 / 950        | 52 / 950 / 950        | 52 / 950 / 950        | 52 / 950 / 950        | 52 / 950 / 950        | 52 / 950 / 950        | 52 / 950 / 950        |
| Panel net weight                    | Kg                        | 3                     | 3                     | 3                     | 3                     | 3                     | 3                     | 3                     | 3                     | 3                     | 3                     | 3                     |

# Atlas II Floor-Ceiling



Includes  
Filter:



**Cold Plasma**  
(except in units  
12 and 18)

## DESIGN SUITABLE FOR ALL SPACES

The Datsun ATLAS II Floor-Ceiling range has automatic swing and multi-speed fan.

The entire ATLAS II range of **duct, cassette and floor-ceiling units allows** full integration in home automation by means of centralised controls and connectivity gateways to ensure total control of the installation.

## FEATURES

- Single-phase and three-phase units for maximum adaptation to installation requirements.
- High energy efficiency thanks to A++ rating.
- Motor and fan easily accessible for maintenance.
- Modbus interface included.
- Includes I FEEL function with temperature sensor.

## OPTIONAL WI-FI CONTROL

The indoor unit can be controlled from any location via Smartphone or Tablet using the **EWPE Smart app**.\*

\* Requires wired control cable 3NDA9082.





REFRIGERANT  
**R32**  **inverter** 

| Model                                  |                           | ABD12KDBS             | ABD18KDBS             | ABD24KDBS             | ABD30KDBS             | ABD36KDBS             | ABD36TKDBS            | ABD42KDBS             | ABD42TKDBS            | ABD48KDBS             | ABD48TKDBS            | ABD60TKDBS            |
|----------------------------------------|---------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Code                                   |                           | 3NDA04610             | 3NDA04615             | 3NDA04620             | 3NDA04625             | 3NDA04630             | 3NDA04645             | 3NDA04635             | 3NDA04650             | 3NDA04640             | 3NDA04655             | 3NDA04660             |
| Cooling power                          | kW                        | 3,5 (0,9 - 4)         | 5,3 (1,6 - 5,8)       | 7,1 (2,4 - 7,6)       | 8,5 (2,9 - 9,0)       | 10,5 (3,2 - 11)       | 10,5 (3,2 - 11)       | 12,1 (3,6 - 13,1)     | 12,1 (3,6 - 13,1)     | 13,4 (6,0 - 14,2)     | 13,4 (6,0 - 14,2)     | 16 (4,8 - 17)         |
| Heating power                          | kW                        | 4 (0,9 - 4,5)         | 5,6 (1,6 - 6,1)       | 8 (2,2 - 8,6)         | 8,8 (2,5 - 9,5)       | 11,5 (3 - 12,5)       | 11,5 (3 - 12,5)       | 13,5 (3,6 - 14,5)     | 13,5 (3,6 - 14,5)     | 15,5 (3,9 - 16)       | 15,5 (3,9 - 16)       | 17 (4,5 - 18)         |
| Electricity consumption cold / heat    | kW                        | 0,92 / 0,93           | 1,56 / 1,44           | 2,03 / 1,95           | 2,50 / 2,25           | 2,94 / 2,95           | 2,94 / 2,95           | 3,67 / 3,75           | 3,67 / 3,75           | 4,30 / 4,20           | 4,30 / 4,20           | 5,30 / 4,80           |
| EER / COP                              |                           | 3,80 / 4,30           | 3,40 / 3,90           | 3,50 / 3,95           | 3,40 / 3,90           | 3,40 / 3,90           | 3,40 / 3,90           | 3,30 / 3,60           | 3,30 / 3,60           | 3,12 / 3,69           | 3,12 / 3,69           | 3,02 / 3,54           |
| SEER / SCOP                            |                           | 7,20 / 4,09           | 6,50 / 4,20           | 7,20 / 4,30           | 6,80 / 4,50           | 6,30 / 4,20           | 6,30 / 4,20           | 6,30 / 4              | 6,30 / 4              | 6,30 / 4              | 6,30 / 4              | 6,10 / 4              |
| Energy class cold / heat               |                           | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              | A++ / A+              |
| Power supply                           | V / n° / Hz               | 230 / 1 / 50          | 230 / 1 / 50          | 230 / 1 / 50          | 230 / 1 / 50          | 230 / 1 / 50          | 400 / 1 / 50          | 230 / 1 / 50          | 400 / 1 / 50          | 230 / 1 / 50          | 400 / 1 / 50          | 400 / 1 / 50          |
| Maximum start current cold / heat      | A                         | 4,4 / 4,45            | 7,5 / 6,8             | 9,7 / 9,10            | 10,3 / 11,4           | 14 / 14,10            | 4,6 / 4,7             | 17,5 / 17,9           | 5,8 / 6               | 19,2 / 19,7           | 6,5 / 6,4             | 9 / 9,69              |
| Power cable                            | n° x s                    | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T     | (U.E) 2 x 2,5 + T:37  | (U.E) 2 x 2,5 + T     |
| <b>OUTDOOR UNIT</b>                    |                           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| Refrigeration connections liquid / gas | Pul.                      | 1/4 / 3/8             | 1/4 / 1/2             | 3/8 / 5/8             | 3/8 / 5/8             | 3/8 / 5/8             | 3/8 / 5/8             | 3/8 / 5/8             | 3/8 / 5/8             | 3/8 / 5/8             | 3/8 / 5/8             | 3/8 / 5/8             |
| Operating range cold / heat            | °C                        | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 | -20 ~ +52 / -20 ~ +24 |
| Air flow rate                          | m³/h                      | 1800                  | 2200                  | 3600                  | 3600                  | 4800                  | 4800                  | 5200                  | 5200                  | 5200                  | 5200                  | 5500                  |
| Maximum vertical / total distance      | m                         | 15 / 30               | 20 / 30               | 20 / 30               | 25 / 30               | 30 / 75               | 30 / 75               | 30 / 75               | 30 / 75               | 30 / 75               | 30 / 75               | 30 / 75               |
| Preload Distance - Additional Load     | m / g/m                   | 7 / 16                | 7 / 16                | 7 / 20                | 7 / 20                | 7 / 20                | 7 / 20                | 7 / 20                | 7 / 20                | 9,5 / 35              | 9,5 / 35              | 9,5 / 35              |
| Refrigerant                            | Type                      | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   | R32                   |
| Refrigerant load                       | Kg (CO <sub>2</sub> eq-T) | 0,56 (0,38)           | 0,85 (0,57)           | 1,50 (1,01)           | 1,50 (1,01)           | 2,10 (1,42)           | 2,10 (1,42)           | 2,25 (1,52)           | 2,25 (1,52)           | 2,80 (1,89)           | 2,80 (1,89)           | 3,50 (2,36)           |
| Sound pressure                         | dB (A)                    | 48                    | 52                    | 55                    | 57                    | 57                    | 57                    | 58                    | 58                    | 59                    | 59                    | 60                    |
| Dimensions Height / Width / Depth      | mm                        | 553 / 675 / 285       | 555 / 745 / 300       | 660 / 889 / 340       | 660 / 889 / 340       | 820 / 940 / 370       | 820 / 940 / 370       | 820 / 940 / 370       | 820 / 940 / 370       | 820 / 940 / 370       | 820 / 940 / 370       | 960 / 940 / 370       |
| Net weight                             | Kg                        | 24,50                 | 30,50                 | 41,50                 | 46                    | 65                    | 75                    | 66                    | 76                    | 73                    | 81                    | 94                    |
| <b>INDOOR UNIT</b>                     |                           |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |                       |
| Sound pressure H / M / L               | dB (A)                    | 35 / 34 / 31          | 41 / 40 / 38          | 41 / 39 / 37          | 46 / 45 / 43          | 48 / 46 / 45          | 48 / 46 / 45          | 45 / 43 / 40          | 45 / 43 / 40          | 51 / 48 / 45          | 51 / 48 / 45          | 53 / 51 / 48          |
| Air flow rate - Max.                   | m³/h                      | 650                   | 900                   | 1250                  | 1400                  | 1600                  | 1600                  | 1900                  | 1900                  | 2300                  | 2300                  | 2400                  |
| Dimensions Height / Width / Depth      | mm                        | 665 / 870 / 235       | 665 / 870 / 235       | 665 / 1200 / 235      | 665 / 1200 / 235      | 665 / 1200 / 235      | 665 / 1200 / 235      | 665 / 1570 / 235      | 665 / 1570 / 235      | 665 / 1570 / 235      | 665 / 1570 / 235      | 665 / 1570 / 235      |
| Net weight                             | Kg                        | 24                    | 25                    | 31                    | 32                    | 32                    | 32                    | 39,50                 | 39,50                 | 42                    | 42                    | 42                    |

## Atlas II accessories

| Code      | Model     | Description                             |                                                                                     | DUCT | CASSETTE       | FLOOR-CEILING |
|-----------|-----------|-----------------------------------------|-------------------------------------------------------------------------------------|------|----------------|---------------|
| 3NDA9042  | CCD_CC1   | Centralized control                     |    | ○    | ○              | ○             |
| 3IDA90139 | CDV 58    | Centralized control                     |    | ○    | ○              | ○             |
| 3NDA9083  | ACCD_IC3  | Wireless control                        |    | ○    | ●              | ●             |
| 3NDA9045  | ACCD_OC1  | On / off control                        |    | ○    | ○              | ○             |
| 3NDA9082  | ACCD_WC6  | Wired control with Wi-Fi                |    | ●    | ○              | ○             |
| 3NDA9058  | ACCD_AP2  | Air supply kit <sup>2</sup>             |    |      | ○ <sup>1</sup> |               |
| 3NDA9043  | ACCD_OC2  | Dry contact gateway                     |    | ○    | ○              | ○             |
| 3NDA9044  | ACCD_GT1  | Modbus home automation gateway          |    | ●    | ●              | ●             |
| 3NDA90012 | ACCD_GT3  | Remote management gateway               |    | ○    | ○              | ○             |
| 3NDA90011 | SFD_FE30  | Remote management software <sup>4</sup> |                                                                                     | ○    | ○              | ○             |
| 3NDA9079  | ACCD_SD26 | Atlas separator                         |  | ○    | ○              | ○             |
| 3NDA9078  | ACCD_SD25 | Atlas separator                         |  | ○    | ○              | ○             |
| 3NDA9080  | ACCD_SD27 | Atlas separator                         |  | ○    | ○              | ○             |

Note: The connected units must always be of the same type.

● Included ○ Optional

1. To operate, the indoor units must be equipped with the Modbus 3NDA9044 home automation gateway.
2. Compatible only with models AUD 24-60.
3. Powers 12 and 18 have air supply inlet as standard.
4. For them to operate, one 3NDA90012 unit per system and one 3NDA9044 unit per indoor unit is required.

### MULTI ATLAS

Option to convert Atlas duct, cassette or floor-ceiling models to simultaneous multisplit system of up to 4x1.

#### Combinations available

|                 | Accessories necessary for the installation |                |                |          |          |          |
|-----------------|--------------------------------------------|----------------|----------------|----------|----------|----------|
|                 | 2 indoor units                             | 3 indoor units | 4 indoor units | 3NDA9078 | 3NDA9079 | 3NDA9080 |
| Outdoor unit 24 | 12+12                                      |                |                | 1        |          |          |
| Outdoor unit 36 | 18+18                                      |                |                | 1        |          |          |
|                 |                                            | 12+12+12       |                | 1        | 1        |          |
|                 | 24+24                                      |                |                |          | 1        |          |
| Outdoor unit 42 |                                            | 18+18+18       |                |          | 2        |          |
|                 |                                            |                | 12+12+12+12    | 2        | 1        |          |
|                 | 24+24                                      |                |                |          | 2        |          |
| Outdoor unit 48 |                                            | 18+18+18       |                |          | 2        |          |
|                 |                                            |                | 12+12+12+12    | 2        | 1        |          |
|                 | 30+30                                      |                |                |          | 1        |          |
| Outdoor unit 60 |                                            | 24+24+24       |                |          |          | 2        |
|                 |                                            |                | 18+18+18+18    |          | 3        |          |

# Air curtains



## DIRECT VENTILATION

The Daitsu air curtains are ideal for ventilating spaces, creating an invisible air barrier that separates two environments, isolating the commercial premises from extreme temperatures and external pollution (dust, insects, etc.).

## FOR ANY SPACE

Their robust design with rust-proof galvanised metal housing makes them easy to install in any location, going unnoticed. Thanks to their two sizes, they can be adapted to the space: above the doors of markets, shops, restaurants, theatres, meeting rooms, hotels, offices, factories or warehouses.



| Model                             |             | AUD090K            | AUD120K            |
|-----------------------------------|-------------|--------------------|--------------------|
| Code                              |             | 3NDA0730           | 3NDA0731           |
| Electricity consumption           | kW          | 0,10               | 0,11               |
| Power cable                       | n° x s      | (UE)L+N+T (2,5mm²) | (UE)L+N+T (2,5mm²) |
| Power supply                      | V / n° / Hz | 230 / 1 / 50       | 230 / 1 / 50       |
| Air flow rate H / L               | m³/h        | 1200 / -           | 1650 / -           |
| Sound pressure                    | dB (A)      | 59                 | 59                 |
| Dimensions Height / Width / Depth | mm          | 215 / 900 / 206    | 215 / 1200 / 206   |
| Net weight                        | Kg          | 16                 | 20                 |



# Slim Caravans NEW!



## COMPACT AND SILENT SLIM DESIGN

The new Slim caravan air conditioner is designed to follow you wherever you go, providing **excellent thermal comfort** and taking up minimal space. The Inverter technology incorporated in this new model provides improved energy savings, reliability, protection and control of the equipment.

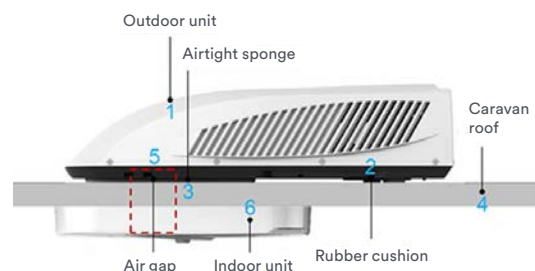
Thanks to the indoor unit's Slim design of just **5 centimetres height**, it takes up very little space inside the vehicle. The outdoor unit has an ergonomic design and guarantees the least air resistance on the road thanks to a more compact structure that does not affect the look of the vehicle.

A robust **cold and heat system** able to withstand heavy rain, high humidity and high temperatures.



## WI-FI CONTROL INCLUDED

The indoor unit can be controlled from any location via Smartphone or Tablet using the **EWPE Smart app**.





| Model                               |             | AAD09                | AAD09                | AAD12                | AAD12                |
|-------------------------------------|-------------|----------------------|----------------------|----------------------|----------------------|
| Code                                |             | 3NDA05020            | 3NDA05030            | 3NDA05025            | 3NDA05035            |
| Cooling power                       | kW          | 2,6                  | 2,6                  | 3,6                  | 3,6                  |
| Heating power                       | kW          | 2,4                  | 2,5                  | 3,4                  | 3,4                  |
| EER / COP                           |             | 2,24 / 2,40          | 2,24 / 2,40          | 2,83 / 2,91          | 2,83 / 2,91          |
| Electricity consumption cold / heat | kW          | 1,16 / 1,00          | 0,95 / 0,78          | 1,27 / 1,17          | 1,10 / 0,95          |
| Absorbed intensity cold / heat      | A           | 4,7 / 4,2            | - / -                | 5,6 / 5,2            | - / -                |
| Power supply                        | V / n° / Hz | 230 / 1 / 50         | 230 / 1 / 50         | 230 / 1 / 50         | 230 / 1 / 50         |
| <b>OUTDOOR UNIT</b>                 |             |                      |                      |                      |                      |
| Air flow rate max.                  | m³/h        | 600                  | 760                  | 600                  | 760                  |
| Operating range cold / heat         | °C          | +18 ~ +46 / -5 ~ +24 | +18 ~ +46 / -5 ~ +24 | +18 ~ +46 / -5 ~ +24 | +18 ~ +46 / -5 ~ +24 |
| Sound pressure                      | dB (A)      | 53                   | 54                   | 54                   | 54                   |
| Refrigerant                         | Type        | R32                  | R32                  | R32                  | R32                  |
| Refrigerant load                    | Kg          | 0,47                 | 0,37                 | 0,47                 | 0,37                 |
| Area of application                 | m²          | 10 - 17              | 10 - 17              | 12 - 18              | 12 - 18              |
| Dimensions Height / Width / Depth   | mm          | 283 / 1077 / 720     | 283 / 1077 / 720     | 283 / 1077 / 720     | 283 / 1077 / 720     |
| Net weight                          | Kg          | 35                   | 29,5                 | 35                   | 29,5                 |
| <b>INDOOR UNIT</b>                  |             |                      |                      |                      |                      |
| Dehumidification                    | l/h         | 1                    | 1                    | 1                    | 1                    |
| Air flow rate H / M / L             | m³/h        | 330 / 250 / 200      | 340 / 290 / 225      | 350 / 270 / 220      | 340 / 290 / 225      |
| Sound pressure H / M / L            | dB (A)      | 53 / 47 / 42         | 53 / 47 / 42         | 54 / 48 / 43         | 54 / 48 / 43         |
| Dimensions Height / Width / Depth   | mm          | 48,5 / 610 / 49      | 48,5 / 610 / 49      | 48,5 / 610 / 49      | 48,5 / 610 / 49      |
| Net weight                          | Kg          | 2,7                  | 2,7                  | 2,7                  | 2,7                  |

A modern, two-story white house with a flat roof and large windows. A teal-colored semi-transparent overlay covers the upper part of the house, containing the text. The house is set on a green lawn under a clear blue sky.

# AIR TO WATER SYSTEMS

Daitsu ATW systems offer a wide range of product that meet the heating, cooling and DHW needs of any type of home or business, guaranteeing high energy efficiency and maximum comfort all year round.

## AIR TO WATER SYSTEMS

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|                                     |                |
|-------------------------------------|----------------|
| <b>Multi-Hybrid</b>                 | <b>42</b>      |
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# AIR TO WATER SOLUTIONS

## A versatile system

Air to water systems offer the **utmost flexibility** as they allow **components to be custom-combined** to meet each user's specific requirements.

Through a careful selection and placement of components a **tailored technical solution is achieved**.

**Daitsu has Air to water solutions for:**



DOMESTIC HOT  
WATER (DHW) ONLY



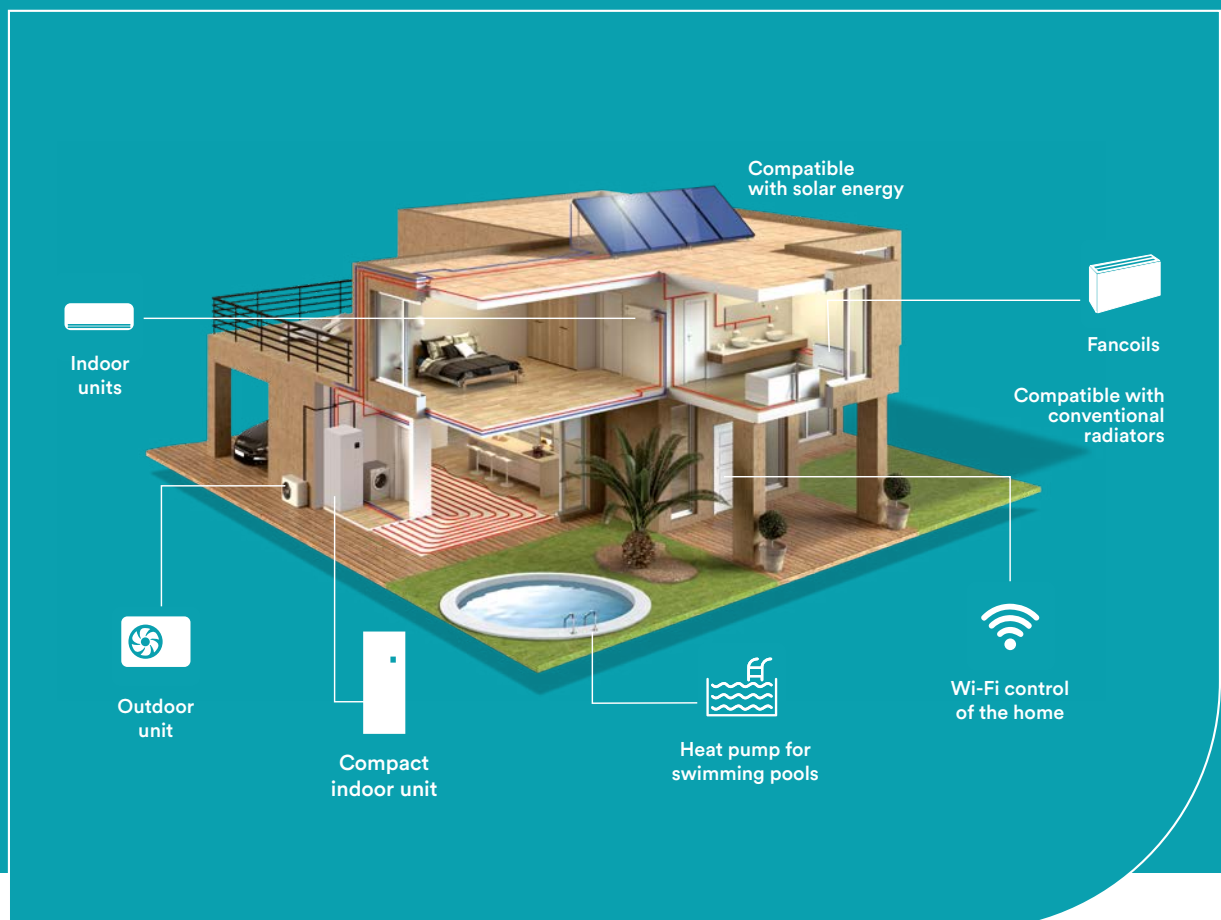
HEATING ONLY



HEATING + DHW



HEATING + DHW + HVAC





# What are Air to water systems?

A technology designed to provide heating in winter, air-conditioning in summer and hot water all year round.



Extracts 80% of the energy it needs from the air



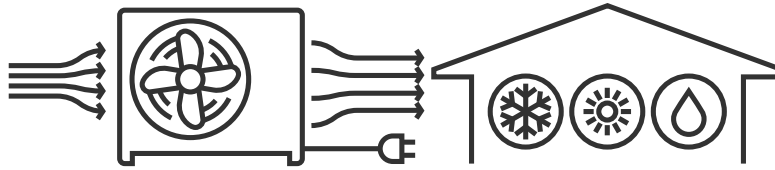
Yields up to five times more compared to other systems



It's an efficient, latest-generation technology

1

The heat pump captures the air contained in the outdoor air.



2

The heat from the air is transferred to a refrigerant via a water exchanger, which makes it possible to generate hot water and air conditioning.

## What are its benefits?

### Efficiency and savings

Consumes less than traditional heating systems and this is evident in the bill.

### Environmentally friendly

It's a clean and renewable energy and doesn't generate harmful substances or pollutants.

### Easy to install and maintain

Easy to install, requires very little maintenance.

### Safety

With no fume release, it doesn't produce combustion, making it safer.

### Forget about gas or other consumables

The home can run exclusively on electricity, without the need to contract gas or other fuels.

### Efficient and economical hot water

Low-cost hot water. In summer it can even provide hot water for free.

### Tailored solutions

Can be combined with different systems (radiators, radiant floor, fancoils, solar panels, etc.).

## What uses does it have?



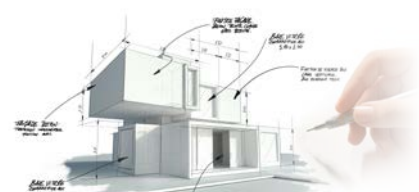
SINGLE-FAMILY HOMES



NEW BUILDS



CONDOMINIUMS



RENOVATIONS

# MULTI-HYBRID

Multi-tasking hybrid solution with heat recovery for medium and large dwellings with minimal hydraulics installation required.



The system has an outdoor unit, a hydraulic module and indoor units.



Compatible with multiple indoor units.



Compatible with radiant floor and DHW storage tanks.

**A+**

High energy efficiency thanks to its Full Inverter technology.



Touch control remote management interface.



Heat recovery function in summer with the unit working in cooling mode for free DHW.



Enables system integration via Modbus control.



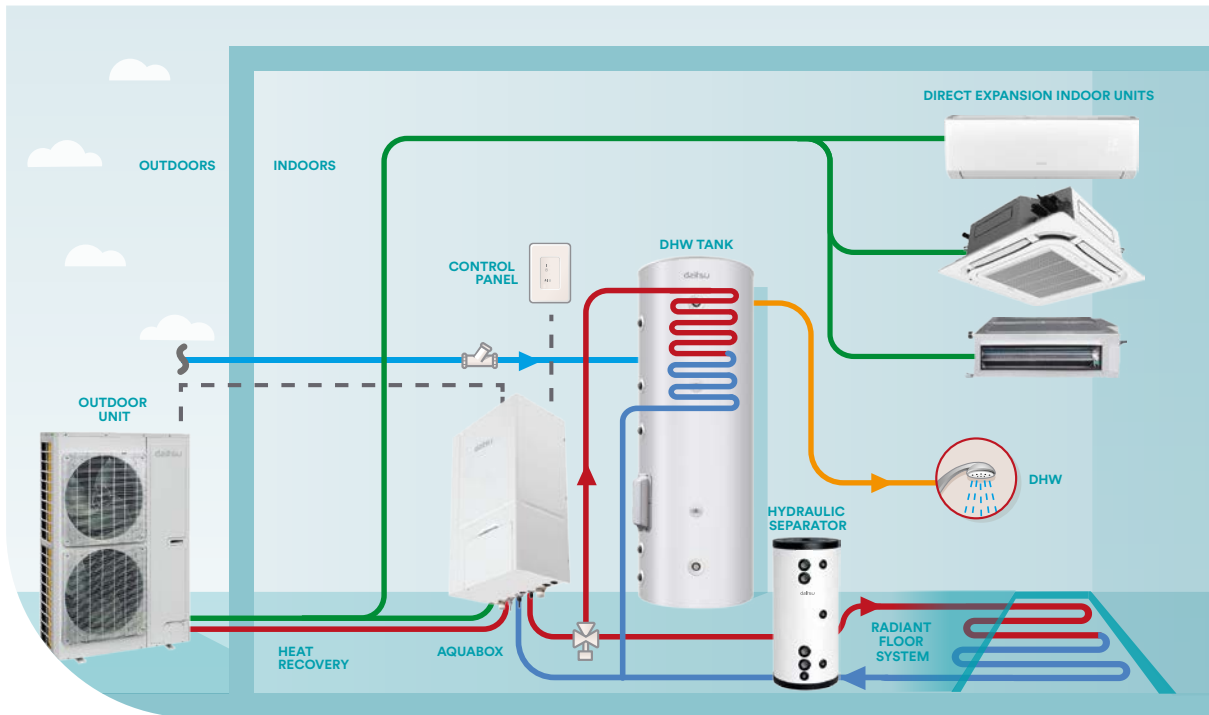
Low sound level for all environments.



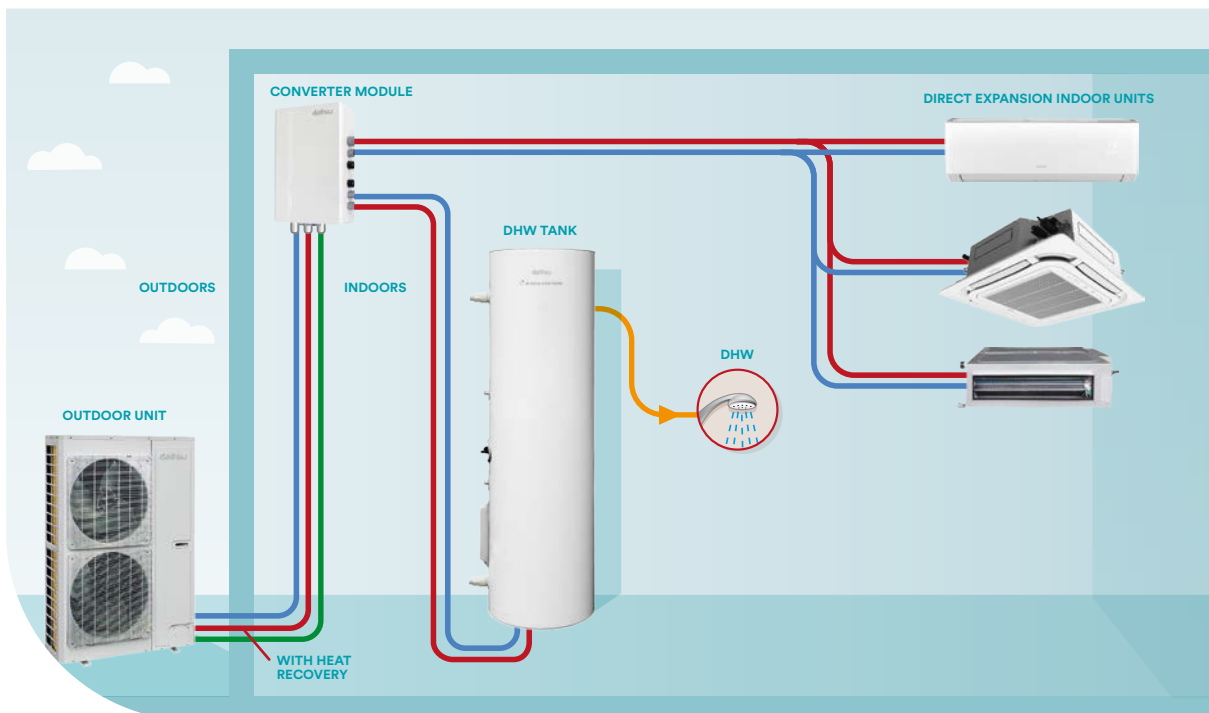
Wi-Fi control.

## Multi-Hybrid layouts

Mixed application with Aquabox, DHW tank, radiant floor system and direct expansion.



Mixed application with DHW generator and direct expansion.



# AOHD Outdoor Units



## PERFECTLY ADAPT TO RESIDENTIAL AND LIGHT COMMERCIAL SPACES

Multi-Hybrid outdoor units guarantee adaptability to different urban planning regulations and ease of transport and handling, thanks to their compact dimensions.

## FEATURES

- Full DC inverter technology.
- Real-time PID control, which achieves efficiencies 15% higher than conventional inverters.
- Summer heat recovery function with the unit working in cooling mode for free DHW.
- Optimised automatic defrosting to avoid fluctuations in indoor temperature.
- Multi-stage “brushless” EC fan motor.
- Refrigerant pipes with double-helical inner wall conduction to cause refrigerant subcooling and thus improve the system’s efficiency.

## WI-FI CONTROL (OPTIONAL)

The indoor unit can be controlled from any location via Smartphone or Tablet using the **EWPE Smart app**.\*





| Model                                         |             | AOHD40                 | AOHD45                 | AOHD54                 |
|-----------------------------------------------|-------------|------------------------|------------------------|------------------------|
| Code                                          |             | 3IDA02000              | 3IDA02001              | 3IDA02002              |
| Cooling power                                 | kW          | 12,1                   | 14                     | 16                     |
| Heating power                                 | kW          | 14                     | 16,5                   | 18,5                   |
| EER / COP                                     |             | 3,97 / 4,24            | 3,52 / 4,02            | 3,30 / 3,96            |
| SEER / SCOP                                   |             | 3,72                   | 3,72                   | 3,72                   |
| COPdhw EN 16147 warm climate                  |             | 2,74                   | 2,74                   | 2,74                   |
| Energy class 35°C                             |             | A+                     | A+                     | A+                     |
| Power supply                                  | V / n° / Hz | 230 / 1 / 50           | 230 / 1 / 50           | 230 / 1 / 50           |
| Electricity consumption cold / heat           | kW          | 3,05 / 3,3             | 3,98 / 4,1             | 4,85 / 4,67            |
| Maximum current                               | A           | 32                     | 32                     | 40                     |
| Nominal current cold / heat                   | A           | 16,1 / 16,1            | 18,6 / 19,1            | 22,4 / 22,6            |
| Cold operating range                          | °C          | -5~+50                 | -5~+50                 | -5~+50                 |
| Heat operating range                          | °C          | -15~+24                | -15~+24                | -15~+24                |
| Refrigerant                                   | Type        | R410A                  | R410A                  | R410A                  |
| Refrigerant load                              | Kg          | 5                      | 5                      | 5                      |
| Compressor                                    | Type / n°   | DC Inverter rotary / 1 | DC Inverter rotary / 1 | DC Inverter rotary / 1 |
| Fan                                           | Type / n°   | Axial / 2              | Axial / 2              | Axial / 2              |
| Air flow rate                                 | m³/h        | 6000                   | 6300                   | 6600                   |
| Simultaneity coefficient                      | %           | 80 a 110               | 80 a 110               | 80 a 110               |
| Refrigeration connections - High-pressure gas | Pul.        | 1/2                    | 1/2                    | 1/2                    |
| Refrigeration connections - Gas               | Pul.        | 5/8                    | 5/8                    | 3/4                    |
| Refrigeration connections - Liquid            | Pul.        | 3/8                    | 3/8                    | 3/8                    |
| Sound pressure                                | dB (A)      | 55                     | 56                     | 58                     |
| Max. Connectable indoor units                 | n°          | 6                      | 7                      | 8                      |
| Max. Total distance                           | m           | 300                    | 300                    | 300                    |
| Dimensions Height / Width / Depth             | mm          | 1345 / 900 / 340       | 1345 / 900 / 340       | 1345 / 900 / 340       |
| Gross weight / Net weight                     | Kg          | 123 / 113              | 123 / 113              | 123 / 113              |

#### Accessories

|                           |                                           |
|---------------------------|-------------------------------------------|
| <a href="#">3IDA90027</a> | Adaptor VRF ADV MODBUS E6                 |
| <a href="#">3IDA90031</a> | Adaptor VRF ADV USB MODBUS                |
| <a href="#">3NDA90089</a> | Adaptor VRF ADV_GATEWAY_ENERC             |
| <a href="#">3IDA90102</a> | Adaptor VRF ADV USB                       |
| <a href="#">3IDA90101</a> | Adaptor VRF ADV                           |
| <a href="#">3IDA90091</a> | ADV C2 Wi-Fi Module for Multi-Hybrid      |
| <a href="#">3IDA90100</a> | ADV remote management soft-ware interface |
| <a href="#">3IDA40008</a> | Aquatank MB 300L single-phase             |
| <a href="#">3IDA90042</a> | Centralised control VRF CVD 52            |
| <a href="#">3IDA90043</a> | Centralized control VRF CVD 53            |
| <a href="#">3IDA90018</a> | Collector VRF UDV EXT T1                  |
| <a href="#">3IDA90041</a> | Control VRF CDV Receiver IR JS            |
| <a href="#">3IDA90097</a> | Dry Contact Gateway                       |
| <a href="#">3NDA90088</a> | Energy management software                |
| <a href="#">3IDA90095</a> | Hydraulic separator 100 litres 8 ports    |
| <a href="#">3IDA90093</a> | Hydraulic separator 25 litres 4 ports     |
| <a href="#">3IDA90094</a> | Hydraulic separator 50 litres 8 ports     |
| <a href="#">3IDA90024</a> | Remote management software                |
| <a href="#">3NDA90011</a> | Remote management software4               |
| <a href="#">3IDA90004</a> | Separator VRF SDV 09                      |
| <a href="#">3IDA90005</a> | Separator VRF SDV 10                      |
| <a href="#">3IDA90006</a> | Separator VRF SDV 11                      |
| <a href="#">3IDA90051</a> | Separator VRF SDV 14 (2 AIHD)             |
| <a href="#">3IDA90040</a> | Wired advanced stop controller            |
| <a href="#">3IDA90036</a> | Wired control                             |
| <a href="#">3IDA90039</a> | Wired control VRF CDV 55                  |
| <a href="#">3IDA90037</a> | Wired control VRF CDV 57                  |
| <a href="#">3IDA90098</a> | Wired Control VRF CDV_76                  |
| <a href="#">3IDA90034</a> | Wireless control VRF                      |
| <a href="#">3IDA90035</a> | Wireless control VRF CDV L1               |



# Aquabox AIHD



inverter REFRIGERANT R410A



## AIR/WATER HYDRAULIC MODULE

Indoor unit of compact dimensions and avant-garde design with high-quality pre-painted and varnished metal structure. Allows heat distribution according to need: heating and domestic hot water production, or managing one of the services independently.

## FEATURES

- Hydraulic module integrating all hydraulic operating and safety devices: flow switch, bleeder, high-efficiency circulation pump, safety valve, expansion vessel and electronic expansion valve.
- The plate heat exchanger is welded and made of AISI 316 stainless steel.
- Optional electric support and activation resistor.
- Integrated electronic control with black backlit background with possible master/slave connection and memory register to retain the programmed information in case of power failure.

| Model                                              |             | AIHD 16         |
|----------------------------------------------------|-------------|-----------------|
| Code                                               |             | 3IDA02005       |
| Heating power                                      | kW          | 4,5 (3,6-16)    |
| Water flow rate                                    | l/h         | 105             |
| Circulation pump flow rate                         | m³/h        | 75-140          |
| Maximum DHW temperature / radiant floor            | °C          | 55 / 52         |
| Radiant floor power Water 35°C - Outdoor temp. 7°C | kW          | 16              |
| Electrical resistor power                          | kW          | 3               |
| Power supply                                       | V / n° / Hz | 230 / 1 / 50    |
| Refrigerant                                        | Type        | R410A           |
| Circulation pump power                             | kW          | 0,08-0,14       |
| Circulation pump available pressure                | mca         | 6               |
| Diameter hydraulic Input                           | Pul.        | 1/2             |
| Diameter hydraulic output connections              | Pul.        | 1/2             |
| Refrigeration connections - Liquid                 | Pul.        | 3/8             |
| Refrigeration connections - Gas                    | Pul.        | 5/8             |
| Refrigeration connections - High-pressure gas      | Pul.        | 1/2             |
| Maximum total / vertical distance permitted        | m           | 30 / 20         |
| Dimensions Height / Width / Depth                  | mm          | 919 / 500 / 328 |
| Gross weight / Net weight                          | Kg          | 62 / 56         |

### Accessories

- 3NDA90088 Energy management software  
3IDA90024 Remote management software

# Multi-Hybrid DHW



## DHW GENERATOR VIA BUFFER TANK

The Multi-Hybrid DHW generator consists of a buffer tank and a converter module, which are connected to the Multi-Hybrid outdoor unit to produce DHW. This system is compatible with all direct expansion indoor units while maintaining heat recovery.

| Model                                         |             | AIHD ACS 185    |
|-----------------------------------------------|-------------|-----------------|
| Code                                          |             | 3IDA03000       |
| Heating power                                 | kW          | 4,5             |
| Power supply                                  | V / n° / Hz | 230 / 1 / 50    |
| Capacity                                      | l           | 185             |
| COP <sub>dhw</sub> EN 16147 medium climate    |             | 2,79            |
| Backup resistor                               | kW          | 1,5             |
| Maximum temperature - DHW                     | °C          | 55              |
| DHW connections diameter                      | Pul.        | 5/8             |
| Refrigeration connections - Liquid            | Pul.        | 3/8             |
| Refrigeration connections - Gas               | Pul.        | 5/8             |
| Refrigeration connections - High-pressure gas | Pul.        | 1/2             |
| Dimensions height / diameter                  | mm          | 1994 / 462      |
| Dimensions Module Height / Width / Depth      | mm          | 485 / 370 / 135 |
| Generator net weight                          | Kg          | 9               |
| Storage tank net weight                       | Kg          | 72,5            |

### Accessories

- 3IDA90042** Centralised control VRF CVD 52
- 3IDA90037** Wired control VRF CDV 57

# ACVD Duct

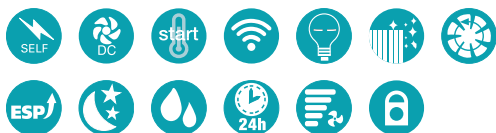


## DUCT-TYPE AIR/AIR INDOOR UNITS FOR CONNECTION TO THE MULTI-HYBRID SYSTEM

Indoor unit BP low-pressure duct type up to 30 or 80 Pa, and high-pressure LAP models available up to 200 Pa. Designed with standard sizes for installation in false ceilings and with the possibility of coupling to a duct or direct drive network.

## FEATURES

- Easily removable synthetic filters for easy washing.
- High-quality fan motor suitable for a wide static pressure range.
- Connection of condensate drainage pipes in different directions, thus facilitating installation.
- The cable control together with these units allows to execute a master/slave connection.
- The cable control allows simultaneous control of the underfloor heating system.
- Cable control included.



## ACVD Duct Low Pressure

| Model                                   |             | ACVD07BP        | ACVD09BP        | ACVD12BP        | ACVD14BP         | ACVD18BP2        | ACVD20BP         | ACVD26BP         | ACVD30BP          | ACVD34BP           | ACVD54BP           |
|-----------------------------------------|-------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|-------------------|--------------------|--------------------|
| Code                                    |             | 3IDA10100       | 3IDA10102       | 3IDA10104       | 3IDA10106        | 3IDA10125        | 3IDA10109        | 3IDA10111        | 3IDA10112         | 3IDA10113          | 3IDA10116          |
| Cooling power                           | kW          | 2,20            | 2,8             | 3,6             | 4,5              | 5                | 5,6              | 8                | 9                 | 10                 | 14                 |
| Heating power                           | kW          | 2,5             | 3,2             | 4               | 5                | 5,6              | 6,3              | 9                | 10                | 11,2               | 16                 |
| Power supply                            | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50      | 230 / 1 / 50       | 230 / 1 / 50       |
| Electricity consumption                 | kW          | 0,03            | 0,03            | 0,04            | 0,04             | 0,05             | 0,05             | 0,05             | 0,13              | 0,13               | 0,17               |
| Air flow rate H / M / L                 | m³/h        | 450 / 350 / 200 | 450 / 350 / 200 | 550 / 400 / 300 | 750 / 550 / 400  | 850 / 700 / 550  | 850 / - / -      | 1100 / - / -     | 1500 / 1250 / 900 | 1500 / 1350 / 1000 | 2000 / 1700 / 1400 |
| Absorbed current                        | A           | 0,2             | 0,2             | 0,3             | 0,3              | 0,4              | 0,4              | 0,5              | 0,63              | 0,63               | 0,8                |
| Available pressure                      | Pa          | 15/0-30         | 15/0-30         | 15/0-30         | 15/0-30          | 15/0-30          | 15/0-30          | 50/0-80          | 50/0-80           | 50/0-80            | 50/0-80            |
| Sound pressure                          | dB (A)      | 31              | 31              | 32              | 33               | 35               | -                | -                | 36                | 40                 | 42                 |
| Refrigeration connections - Liquid      | Pul.        | 1/4             | 1/4             | 1/4             | 1/4              | 3/8              | 3/8              | 3/8              | 3/8               | 3/8                | 3/8                |
| Refrigeration connections - Gas         | Pul.        | 3/8             | 3/8             | 1/2             | 1/2              | 5/8              | 5/8              | 5/8              | 5/8               | 5/8                | 5/8                |
| Drainage tube ext. diameter / thickness | mm          | 25 / 2,5        | 25 / 2,5        | 25 / 2,5        | 25 / 2,5         | 25 / 2,5         | 25 / 2,5         | 25 / 2,5         | 25 / 2,5          | 25 / 2,5           | 25 / 2,5           |
| Fans                                    | n°          | 2               | 2               | 2               | 3                | 3                | -                | -                | 3                 | 3                  | 3                  |
| Motor                                   | Type        | DC Inverter     | DC Inverter     | DC Inverter     | DC Inverter      | DC Inverter      | DC Inverter      | DC Inverter      | DC Inverter       | DC Inverter        | DC Inverter        |
| Dimensions Height / Width / Depth       | mm          | 200 / 710 / 462 | 200 / 710 / 462 | 200 / 710 / 462 | 200 / 1010 / 462 | 200 / 1010 / 462 | 200 / 1010 / 462 | 260 / 1200 / 655 | 260 / 1340 / 655  | 260 / 1340 / 655   | 260 / 1340 / 655   |
| Net weight                              | Kg          | 18,5            | 18,5            | 19              | 25               | 25               | 25               | 31               | 45,5              | 45,5               | 46,5               |

## ACVD Duct High Pressure

| Model                                   |             | ACVD12 LAP      | ACVD14 LAP      | ACVD18 LAP 2     | ACVD24 LAP 2      | ACVD30 LAP 2       | ACVD34 LAP 2       | ACVD36 LAP         | ACVD45 LAP 2       | ACVD54 LAP 2       | ACVD60 LAP 2       |
|-----------------------------------------|-------------|-----------------|-----------------|------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Code                                    |             | 3IDA10004       | 3IDA10006       | 3IDA10118        | 3IDA10119         | 3IDA10120          | 3IDA10121          | 3IDA10014          | 3IDA10122          | 3IDA10123          | 3IDA10124          |
| Cooling power                           | kW          | 3,6             | 4,5             | 5,6              | 7,1               | 9                  | 10                 | 11,2               | 12,5               | 14                 | 16                 |
| Heating power                           | kW          | 4               | 5               | 6,3              | 8                 | 10                 | 11,2               | 12,5               | 14                 | 16                 | 18                 |
| Power supply                            | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50     | 230 / 1 / 50      | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       |
| Electricity consumption                 | kW          | 0,06            | 0,08            | 0,09             | 0,1               | 0,14               | 0,14               | 0,16               | 0,16               | 0,22               | 0,23               |
| Air flow rate H / M / L                 | m³/h        | 600 / 500 / 420 | 850 / 700 / 600 | 1000 / 800 / 700 | 1250 / 1050 / 950 | 1800 / 1450 / 1250 | 1800 / 1450 / 1250 | 2000 / 1600 / 1400 | 2000 / 1600 / 1400 | 2350 / 1900 / 1650 | 2500 / 2000 / 1750 |
| Absorbed current                        | A           | 0,3             | 0,4             | 0,4              | 0,5               | 0,6                | 0,6                | 0,7                | 0,7                | 1                  | 1                  |
| Available pressure                      | Pa          | 60/0-150        | 60/0-150        | 90/0-200         | 90/0-200          | 90/0-200           | 90/0-200           | 90/0-200           | 90/0-200           | 90/0-200           | 90/0-200           |
| Sound pressure H / M / L                | dB (A)      | - / 33 / -      | - / 36 / -      | 37 / 35 / 33     | 38 / 36 / 34      | 40 / 37 / 35       | 40 / 37 / 35       | - / 38 / -         | 40 / 38 / 36       | 42 / 39 / 37       | 44 / 41 / 38       |
| Refrigeration connections - Liquid      | Pul.        | 1/4             | 1/4             | 3/8              | 3/8               | 3/8                | 3/8                | 3/8                | 3/8                | 3/8                | 3/8                |
| Refrigeration connections - Gas         | Pul.        | 1/2             | 1/2             | 5/8              | 5/8               | 5/8                | 5/8                | 5/8                | 5/8                | 5/8                | 3/4                |
| Drainage tube ext. diameter / thickness | mm          | 25 / 2,5        | 25 / 2,5        | 25 / 2,5         | 25 / 2,5          | 25 / 2,5           | 25 / 2,5           | 25 / 2,5           | 25 / 2,5           | 25 / 2,5           | 25 / 2,5           |
| Fans                                    | n°          | 1               | 1               | 2                | 2                 | 3                  | 3                  | 3                  | 3                  | 3                  | 3                  |
| Motor                                   | Type        | DC Inverter     | DC Inverter     | DC Inverter      | DC Inverter       | DC Inverter        | DC Inverter        | DC Inverter        | DC Inverter        | DC Inverter        | DC Inverter        |
| Dimensions Height / Width / Depth       | mm          | 300 / 700 / 700 | 300 / 700 / 700 | 300 / 1000 / 700 | 300 / 1000 / 700  | 300 / 1400 / 700   | 300 / 1400 / 700   | 300 / 1400 / 700   | 300 / 1400 / 700   | 300 / 1400 / 700   | 300 / 1400 / 700   |
| Net weight                              | Kg          | 32              | 34              | 43               | 43                | 57                 | 57                 | 57                 | 57                 | 58                 | 58                 |

### Accessories

|                  |                                      |
|------------------|--------------------------------------|
| <b>3IDA90091</b> | ADV C2 Wi-Fi Module for Multi-Hybrid |
| <b>3IDA90042</b> | Centralised control VRF CVD 52       |
| <b>3IDA90139</b> | Centralized control CDV 58           |
| <b>3IDA90097</b> | Dry Contact Gateway                  |
| <b>3IDA90040</b> | Wired advanced stop controller       |
| <b>3IDA90036</b> | Wired control                        |
| <b>3IDA90039</b> | Wired control VRF CDV 55             |
| <b>3IDA90034</b> | Wireless control VRF                 |
| <b>3IDA90035</b> | Wireless control VRF CDV L1          |

# AUVD Cassette



## INDOOR AIR/AIR CASSETTE UNITS FOR CONNECTION TO THE MULTI-HYBRID SYSTEM

8-way circular flow cassette indoor unit with 4 standard air outlets and 4 additional air outlets in the corners, allowing 360° coverage.

A comprehensive range with compact dimensions of 57x57(62x62 with panel) or the MAX range with dimensions of 84x84 (95x95 with panel), to adapt perfectly to the installation needs.

### FEATURES

- 360° air outlet.
- 4 lateral lines and 4 corner lines.
- Easy to install and handle thanks to its low weight.
- They include an internally mounted condensate pump for easy maintenance and to reduce installation time.
- The connection of the drain lines can be carried out in different directions, thus facilitating installation.
- Different operating methods, with low sound emission.
- Wireless control included.

## THE NEW MAX 2 SERIES INCLUDES

- New fan blades and redesigned electronics layout, allowing greater airflow (capacity) and reducing noise levels.
- New casing design that is both more aesthetic and more durable.
- Multi-speed EC motor.
- Air purification function (removes PM2.5 particles and formaldehyde).
- New condensate pump with increased lift height (1200 mm) and reduced noise level.





## AUVD Cassette

| Model                                   |             | AUVD 09          | AUVD 12          | AUVD 14          | AUVD 18          |
|-----------------------------------------|-------------|------------------|------------------|------------------|------------------|
| Code                                    |             | 3IDA11035        | 3IDA11000        | 3IDA11005        | 3IDA11015        |
| Cooling power                           | kW          | 2,8              | 3,6              | 4,5              | 5,6              |
| Heating power                           | kW          | 3,2              | 4,0              | 5,0              | 6,3              |
| Power supply                            | V / n° / Hz | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     |
| Electricity consumption                 | kW          | 0,03             | 0,03             | 0,045            | 0,045            |
| Air flow rate H / M / L                 | m³/h        | 570 / 480 / 420  | 620 / 550 / 480  | 730 / 650 / 560  | 730 / 650 / 560  |
| Absorbed current                        | A           | 0,15             | 0,15             | 0,23             | 0,23             |
| Sound pressure H / M / L                | dB (A)      | 36 / 33 / 28     | 39 / 37 / 35     | 43 / 41 / 39     | 43 / 41 / 39     |
| Refrigeration connections - Liquid      | Pul.        | 1/4              | 1/4              | 1/4              | 3/8              |
| Refrigeration connections - Gas         | Pul.        | 3/8              | 1/2              | 1/2              | 5/8              |
| Drainage tube ext. diameter / thickness | mm          | 25 / 2,5         | 25 / 2,5         | 25 / 2,5         | 25 / 2,5         |
| Fans                                    | n°          | 1                | 1                | 1                | 1                |
| Fan speeds                              | n°          | 3                | 3                | 3                | 3                |
| Motor                                   | Type        | DC Inverter      | DC Inverter      | DC Inverter      | DC Inverter      |
| Dimensions Height / Width / Depth       | mm          | 265 / 570 / 570  | 265 / 570 / 570  | 265 / 570 / 570  | 265 / 570 / 570  |
| Dimensions Panel Height / Width / Depth | mm          | 47,5 / 620 / 620 | 47,5 / 620 / 620 | 47,5 / 620 / 620 | 47,5 / 620 / 620 |
| Net weight                              | Kg          | 17,5             | 17,5             | 17,5             | 17,5             |
| Panel net weight                        | Kg          | 3                | 3                | 3                | 3                |

## AUVD Cassette Max

| Model                                   |             | AUVD 24 MAX      | AUVD 30 MAX       | AUVD 36 MAX        | AUVD 45 MAX        | AUVD 54 MAX        |
|-----------------------------------------|-------------|------------------|-------------------|--------------------|--------------------|--------------------|
| Code                                    |             | 3IDA11435        | 3IDA11445         | 3IDA11455          | 3IDA11460          | 3IDA11465          |
| Cooling power                           | kW          | 7,1              | 9                 | 11,2               | 12,5               | 14                 |
| Heating power                           | kW          | 8                | 10                | 12,5               | 14                 | 16                 |
| Power supply                            | V / n° / Hz | 230 / 1 / 50     | 230 / 1 / 50      | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       |
| Electricity consumption                 | kW          | 0,06             | 0,085             | 0,115              | 0,115              | 0,115              |
| Air flow rate H / M / L                 | m³/h        | 1100 / 935 / 850 | 1400 / 1000 / 900 | 1550 / 1200 / 1000 | 1800 / 1450 / 1150 | 1800 / 1450 / 1150 |
| Absorbed current                        | A           | 0,4              | 0,4               | 0,6                | 0,6                | 0,6                |
| Sound pressure H / M / L                | dB (A)      | 37 / 34 / 31     | 39 / 37 / 34      | 43 / 41 / 39       | 43 / 41 / 39       | 43 / 41 / 39       |
| Refrigeration connections - Liquid      | Pul.        | 3/8              | 3/8               | 3/8                | 3/8                | 3/8                |
| Refrigeration connections - Gas         | Pul.        | 5/8              | 5/8               | 5/8                | 5/8                | 5/8                |
| Drainage tube ext. diameter / thickness | mm          | 25 / 2,5         | 25 / 2,5          | 25 / 2,5           | 25 / 2,5           | 25 / 2,5           |
| Fans                                    | n°          | 1                | 1                 | 1                  | 1                  | 1                  |
| Fan speeds                              | n°          | 3                | 3                 | 3                  | 3                  | 3                  |
| Motor                                   | Type        | DC Inverter      | DC Inverter       | DC Inverter        | DC Inverter        | DC Inverter        |
| Dimensions Height / Width / Depth       | mm          | 240 / 840 / 840  | 240 / 840 / 840   | 290 / 840 / 840    | 290 / 840 / 840    | 290 / 840 / 840    |
| Dimensions Panel Height / Width / Depth | mm          | 65 / 950 / 950   | 65 / 950 / 950    | 65 / 950 / 950     | 65 / 950 / 950     | 65 / 950 / 950     |
| Net weight                              | Kg          | 28               | 29                | 33                 | 33                 | 33                 |
| Panel net weight                        | Kg          | 6                | 6                 | 6                  | 6                  | 6                  |

### Accessories

|                           |                                      |
|---------------------------|--------------------------------------|
| <a href="#">3IDA90091</a> | ADV C2 Wi-Fi Module for Multi-Hybrid |
| <a href="#">3IDA90042</a> | Centralised control VRF CVD 52       |
| <a href="#">3IDA90139</a> | Centralized control CDV 58           |
| <a href="#">3IDA90097</a> | Dry Contact Gateway                  |
| <a href="#">3IDA90040</a> | Wired advanced stop controller       |
| <a href="#">3IDA90036</a> | Wired control                        |
| <a href="#">3IDA90039</a> | Wired control VRF CDV 55             |
| <a href="#">3IDA90034</a> | Wireless control VRF                 |
| <a href="#">3IDA90035</a> | Wireless control VRF CDV L1          |

# ASVD Premium Wall-Mounted



## WALL-MOUNTED AIR/AIR INDOOR UNITS FOR CONNECTION TO THE MULTI-HYBRID SYSTEM

Wall-mounted indoor unit for wall installation, with compact dimensions, modern design and smooth lines to adapt to any space.

### FEATURES

- They come standard with synthetic filters that are easy to remove and can be easily washed.
- Silent operation possible.
- Compact dimensions to suit interior spaces with avant-garde design.
- X-Fan self-cleaning operation possible.
- Pre-heating function allows the units to be programmed to guarantee a minimum temperature of 10 °C in the different rooms.
- Homogeneous air distribution through automatic blade oscillation.
- Wireless control included.



| Model                                   |             | ASVD 09         | ASVD 12         | ASVD 14         | ASVD 18          | ASVD 24          |
|-----------------------------------------|-------------|-----------------|-----------------|-----------------|------------------|------------------|
| Code                                    |             | 3IDA12001       | 3IDA12002       | 3IDA12003       | 3IDA12005        | 3IDA12007        |
| Cooling power                           | kW          | 2,8             | 3,6             | 4,5             | 5,6              | 7,1              |
| Heating power                           | kW          | 3,2             | 4               | 5               | 6,3              | 7,5              |
| Power supply                            | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50     | 230 / 1 / 50     |
| Electricity consumption                 | kW          | 0,02            | 0,025           | 0,035           | 0,05             | 0,065            |
| Air flow rate H / M / L                 | m³/h        | 500 / 440 / 300 | 630 / 460 / 320 | 850 / 580 / 500 | 1100 / 850 / 650 | 1200 / 850 / 650 |
| Absorbed current                        | A           | 0,10            | 0,12            | 0,17            | 0,24             | 0,31             |
| Sound pressure H / M / L                | dB (A)      | 35 / 33 / 30    | 38 / 35 / 31    | 43 / 40 / 37    | 43 / 41 / 37     | 44 / 41 / 37     |
| Drainage tube ext. diameter / thickness | mm          | 20 / 1,5        | 20 / 1,5        | 20 / 1,5        | 30 / 1,5         | 30 / 1,5         |
| Dimensions Height / Width / Depth       | mm          | 209 / 845 / 289 | 209 / 845 / 289 | 224 / 970 / 300 | 246 / 1078 / 325 | 246 / 1078 / 325 |
| Net weight                              | Kg          | 10,5            | 10,5            | 12,5            | 16               | 16               |

### Accessories

|           |                                      |
|-----------|--------------------------------------|
| 3IDA90091 | ADV C2 Wi-Fi Module for Multi-Hybrid |
| 3IDA90042 | Centralised control VRF CVD 52       |
| 3IDA90139 | Centralized control CDV 58           |
| 3IDA90097 | Dry Contact Gateway                  |
| 3IDA90040 | Wired advanced stop controller       |
| 3IDA90036 | Wired control                        |
| 3IDA90039 | Wired control VRF CDV 55             |
| 3IDA90034 | Wireless control VRF                 |
| 3IDA90035 | Wireless control VRF CDV L1          |

# AVBD 2 Floor-Ceiling



## FLOOR AND FLOOR-CEILING INDOOR UNITS FOR CONNECTION TO MULTI-HYBRID SYSTEM

ABVD 2 floor and floor-ceiling indoor unit for residential and service sector installation due to airflow. Versatile units that allow installation in any room, adapting to the user's needs.

### FEATURES

- They come standard with synthetic filters that are easy to remove and can be easily washed.
- Silent operation possible.
- Compact dimensions to suit all types of interior spaces.
- Homogeneous air distribution through automatic blade oscillation.
- The ABVD models have maximum flexibility in the placement or positioning of the drain tray, allowing the same unit to be installed either vertically or horizontally
- Wireless control included.
- The wired control together with these units allows a master/slave connection and also the simultaneous control of the radiant floor.

| Model                              |             | DVB 2 09        | DVB 2 12        | DVB 2 24           | DVB 2 36           | DVB 2 45           | DVB 2 54           |
|------------------------------------|-------------|-----------------|-----------------|--------------------|--------------------|--------------------|--------------------|
| Code                               |             | 3IDA12409       | 3IDA12410       | 3IDA12413          | 3IDA12415          | 3IDA12416          | 3IDA12417          |
| Cooling power                      | kW          | 2,80            | 3,60            | 7,10               | 11,20              | 12,50              | 14,00              |
| Heating power                      | kW          | 3,2             | 4,0             | 8,0                | 12,50              | 14,0               | 16,0               |
| Power supply                       | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       |
| Absorbed current                   | A           | 0,2             | 0,2             | 0,4                | 0,7                | 0,7                | 0,8                |
| Air flow rate H / M / L            | m³/h        | 600 / 500 / 450 | 600 / 500 / 450 | 1350 / 1200 / 1050 | 1800 / 1600 / 1400 | 1800 / 1600 / 1400 | 2000 / 1750 / 1600 |
| Sound pressure H / M / L           | dB (A)      | 36 / 32 / 29    | 36 / 32 / 29    | 44 / 41 / 38       | 47 / 44 / 42       | 47 / 44 / 42       | 49 / 45 / 43       |
| Fan speeds                         | n°          | 3               | 3               | 3                  | 3                  | 3                  | 3                  |
| Refrigeration connections - Liquid | Pul.        | 1/4             | 1/4             | 3/8                | 3/8                | 3/8                | 3/8                |
| Refrigeration connections - Gas    | Pul.        | 3/8             | 1/2             | 5/8                | 5/8                | 5/8                | 5/8                |
| Dimensions Height / Width / Depth  | mm          | 665 / 870 / 235 | 665 / 870 / 235 | 665 / 1200 / 235   | 665 / 1570 / 235   | 665 / 1570 / 235   | 665 / 1570 / 235   |
| Net weight                         | Kg          | 24              | 24              | 32                 | 41                 | 41                 | 43                 |

### Accessories

|           |                                      |
|-----------|--------------------------------------|
| 3IDA90091 | ADV C2 Wi-Fi Module for Multi-Hybrid |
| 3IDA90139 | Centralized control CDV 58           |
| 3IDA90097 | Dry Contact Gateway                  |
| 3IDA90040 | Wired advanced stop controller       |
| 3IDA90036 | Wired control                        |
| 3IDA90034 | Wireless control VRF                 |
| 3IDA90035 | Wireless control VRF CDV L1          |

# Multi-Hybrid Controls

|           |                                                                                     |                                                                                                                                                                                                                                                                                             | Outdoor unit | Hidrobox | Duct | Cassette | Wall-Mounted | Floor-Ceiling |
|-----------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------|------|----------|--------------|---------------|
| 3IDA90024 |    | <b>REMOTE MANAGEMENT SOFTWARE</b><br>DAITSU software for the remote monitoring of the units from a computer. It allows real-time monitoring of functions such as temperatures, pressures and operating states or errors. For operation, it is necessary to install the accessory 3IDA90100. | ○            |          |      |          |              |               |
| 3NDA90088 |    | <b>ENERGY MANAGEMENT SOFTWARE</b><br>Software specially designed to monitor and know the energy consumption of the outdoor unit for each connected indoor unit. Ideal for communities of neighbours who share the outdoor unit and need to distribute consumption, among other functions.   | ○            |          |      |          |              |               |
| 3IDA90097 |   | <b>DRY CONTACT GATEWAY</b><br>Dry contact gateway to control machine on/off, operating mode, emergency stop, machine status (cooling, heating, ...), etc. Allows control of up to 16 indoor units.                                                                                          |              |          | ○    | ○        | ○            | ○             |
| 3IDA90100 |  | <b>ADV REMOTE MANAGEMENT SOFTWARE INTERFACE</b><br>Adaptor required for the operation of the remote management and energy management software (3NDA90088).                                                                                                                                  | ○            |          |      |          |              |               |
| 3IDA90101 |  | <b>ADAPTOR VRF ADV</b><br>MODBUS RS485 adaptor enabling CANBUS or BACNet protocol.                                                                                                                                                                                                          | ○            |          |      |          |              |               |
| 3IDA90034 |  | <b>WIRELESS CONTROL VRF CDV 1F</b><br>Remote control for controlling the indoor unit.                                                                                                                                                                                                       |              |          | ○    | ●        | ●            | ●             |
| 3IDA90035 |  | <b>WIRELESS CONTROL VRF CDV L1</b><br>Remote control for controlling the indoor unit. It also enables control of the radiant floor and 3D heating feature.                                                                                                                                  |              |          | ○    | ○        | ○            | ○             |

|           |                                                                                     |                                                                                                                                                                                                                                                                                                           | Outdoor<br>unit | Hidrobox | Duct | Cassette | Wall-<br>Mounted | Floor-<br>Ceiling |
|-----------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------|------|----------|------------------|-------------------|
| 3IDA90036 |    | <b>WIRED CONTROL VRF CDV 46</b><br>Wired control with black/white LCD display and buttons, allowing up to 16 indoor units to be connected as a single unit. It allows control of the basic functions as well as the master/slave function for simultaneous control of different units.                    |                 |          | ●    | ○        | ○                | ○                 |
| 3IDA90037 |    | <b>WIRED CONTROL VRF CDV 57</b><br>Wired control design with LCD touch screen and compact dimensions. Specifically intended to control the Hidrobox unit as a slave to the main control.                                                                                                                  |                 | ●        |      |          |                  |                   |
| 3IDA90039 |   | <b>WIRED CONTROL VRF CDV 55</b><br>Wired control with backlit LCD colour touch screen. Allows control of up to 16 indoor units from the same controller (functions in group mode change). Among the most important functions are mode selection, capacitive touch control and different timing functions. |                 |          | ○    | ○        | ○                | ○                 |
| 3IDA90040 |  | <b>WIRED CONTROL VRF CDV 79</b><br>Wired control design with LCD touch screen and compact dimensions. Allows real-time monitoring of functions such as temperatures, 24h timer, filter cleaning alert, operating status or errors. It is also possible to connect an external stop-start control.         |                 |          | ○    | ○        | ○                | ○                 |
| 3IDA90042 |  | <b>CENTRALISED CONTROL VRF CDV 52</b><br>Centralised control with 7" LCD touch screen. Allows connection of up to 16 systems and 255 indoor units, control of basic functions plus group management, individual or group locking functions and advanced functions.                                        |                 | ○        | ○    | ○        | ○                | ○                 |
| 3IDA90091 |  | <b>ADV C2 WI-FI MODULE FOR MULTI-HYBRID</b>                                                                                                                                                                                                                                                               | ○               |          |      |          |                  |                   |

● Included  
○ Optional

# MULTITASK SPLIT

The most versatile and multipurpose multitasking system capable of adapting to any climate, heating and DHW solution.

Daitsu's multitask systems are the perfect solution for renovations and new-builds, providing domestic hot water and hot and cold air conditioning by radiant floor or fancoil. The SPACE II air-to-water multitasking heat pump is a split system with an ultra-compact hydraulic indoor unit (just 27 cm wide) to facilitate placement of the unit in confined spaces. The Urban II, on the other hand, has the compact indoor unit with just one system.



Compatible with the entire range of Daitsu fancoils



Compact dimensions of the indoor unit



Installation distances of 20/30 m



Integrated 3-way valve



16 climate curves available.



Legionella protection function with DHW production at 70 °C



Smart Grid for solar connection



Copy of the parameters via USB.

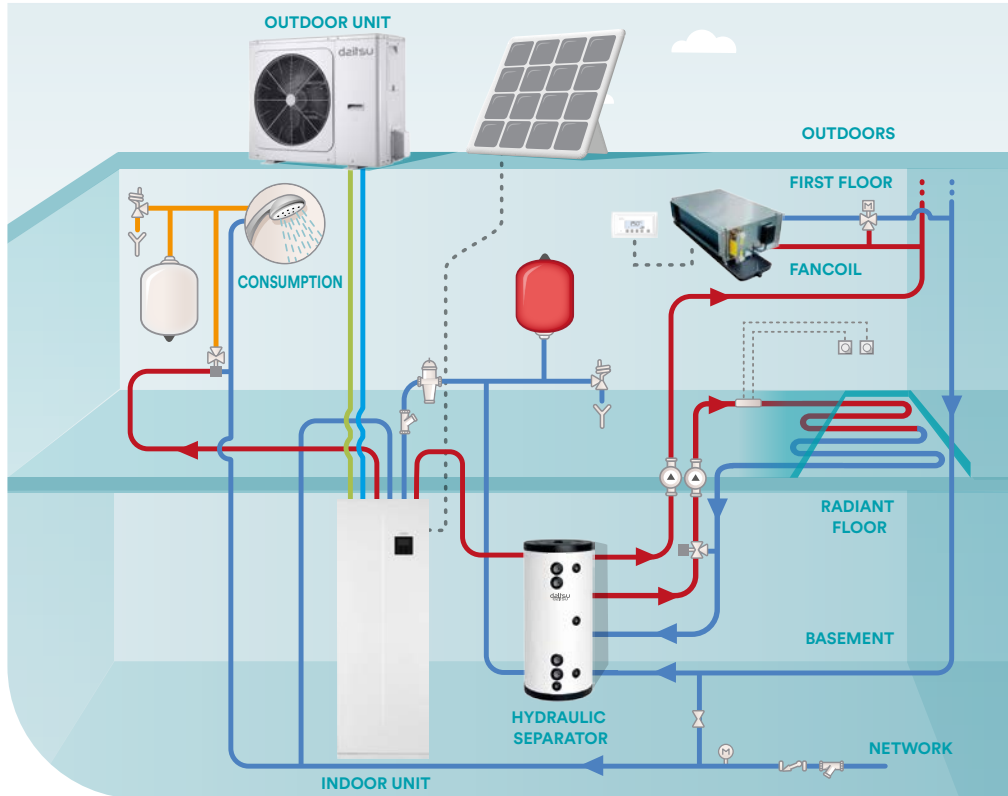


Easy programming via touch screen or Smartphone.

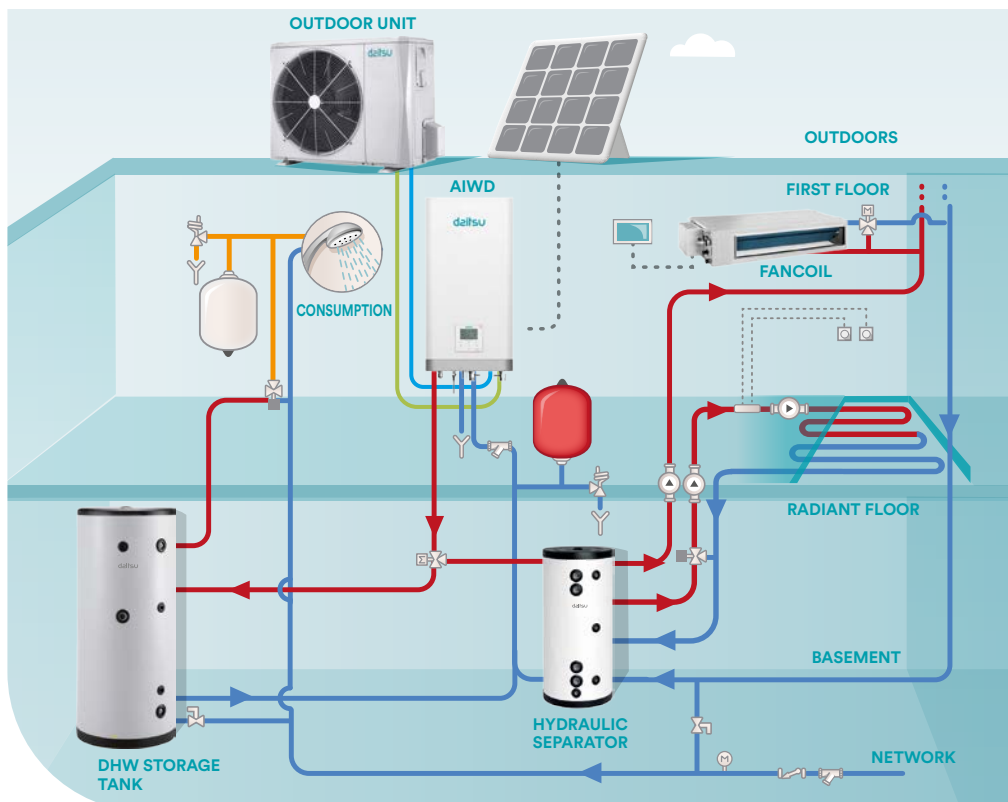


## Multitask layouts

Urban II compact application with radiant floor and fancoils.



Space II application with DHW tank, radiant floor and fancoils.



# Space II split



## HIGH-EFFICIENCY MULTITASK SYSTEM

The most versatile and multipurpose multitasking system capable of adapting to any refrigeration, heating and DHW solution. The SPACE II air-to-water multitasking heat pump is a split system with an ultra-compact hydraulic indoor unit (just 27 cm wide) to facilitate placement of the unit in the space provided in the home. The unit is capable of providing homes with air conditioning, heating and DHW all year round, connected to an inter-accumulator, and it does so in the most efficient and comfortable way.

## FEATURES

- High-performance and low emissions thanks to operation with R32 gas.
- Maximum energy savings thanks to different heating curves.
- Double control set point.
- More comfort in the home with the SILENCE function.
- Hybrid system that allows connection to solar panels and/or back-up boiler.
- Drain tray and pipe included.

- Dynamic management of the legionella protection cycle.
- Possible to control via standard Modbus RTU.
- Prepared for Smart Grid networks.
- Compatible with the entire range of Daitsu fan coils.

## WI-FI CONTROL INCLUDED

The indoor unit can be controlled from any location via Smartphone or Tablet using the **iLetComfort app**.





| Model                                    |             | AWD 040                  | AWD 060                  | AWD 080                  | AWD 100                  | AWD 120                  | AWD 120T                 | AWD 140                  | AWD 140T                 | AWD 160                  | AWD 160T                 |
|------------------------------------------|-------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Code                                     |             | 3IDA02090                | 3IDA02091                | 3IDA02092                | 3IDA02093                | 3IDA02094                | 3IDA02097                | 3IDA02095                | 3IDA02098                | 3IDA02096                | 3IDA02099                |
| <b>OUTDOOR UNIT</b>                      |             |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
| Refrigeration connections liquid         | Pul.        | 1/4                      | 1/4                      | 3/8                      | 3/8                      | 3/8                      | 3/8                      | 3/8                      | 3/8                      | 3/8                      | 3/8                      |
| Refrigeration connections Gas            | Pul.        | 5/8                      | 5/8                      | 5/8                      | 5/8                      | 5/8                      | 5/8                      | 5/8                      | 5/8                      | 5/8                      | 5/8                      |
| Heating power Outdoor 7°C / Supply 35°C  | kW          | 4,25                     | 6,2                      | 8,3                      | 10                       | 12,1                     | 12,1                     | 14,5                     | 14,5                     | 16                       | 16                       |
| Cooling power Outdoor 45°C / Supply 18°C | kW          | 4,5                      | 6,5                      | 8,4                      | 10                       | 12                       | 12                       | 13,5                     | 13,5                     | 14,9                     | 14,9                     |
| EER / COP                                |             | 5,55 / 5,2               | 4,9 / 5                  | 5,05 / 5,2               | 4,8 / 5                  | 4 / 4,95                 | 4 / 4,95                 | 3,6 / 4,7                | 3,6 / 4,7                | 3,4 / 4,5                | 3,4 / 4,5                |
| Power supply                             | V / n° / Hz | 230 / 1 / 50             | 230 / 1 / 50             | 230 / 1 / 50             | 230 / 1 / 50             | 230 / 1 / 50             | 400 / 3 / 50             | 230 / 1 / 50             | 400 / 3 / 50             | 230 / 1 / 50             | 400 / 3 / 50             |
| Maximum start current                    | A           | 18                       | 18                       | 19                       | 19                       | 30                       | 14                       | 30                       | 14                       | 30                       | 14                       |
| SCOP                                     |             | 4,85                     | 4,95                     | 5,21                     | 5,19                     | 4,81                     | 4,81                     | 4,72                     | 4,72                     | 4,62                     | 4,62                     |
| COP <sub>dhw</sub> EN 16147 warm climate |             | 3,09                     | 3,09                     | 3,02                     | 3,02                     | 3                        | 3                        | 3                        | 3                        | 3                        | 3                        |
| SEER                                     |             | 4,99 (7°C) / 7,77 (18°C) | 5,34 (7°C) / 8,21 (18°C) | 5,83 (7°C) / 8,95 (18°C) | 5,98 (7°C) / 8,78 (18°C) | 4,89 (7°C) / 7,10 (18°C) | 4,86 (7°C) / 7,04 (18°C) | 4,86 (7°C) / 6,90 (18°C) | 4,83 (7°C) / 6,85 (18°C) | 4,69 (7°C) / 6,75 (18°C) | 4,67 (7°C) / 6,71 (18°C) |
| Energy class 35°C / 55°C / ACS           |             | A+++ / A++ / A+          | A+++ / A++ / A+          | A+++ / A++ / A+          | A+++ / A++ / A+          | A+++ / A++ / A+          | A+++ / A++ / A+          | A+++ / A++ / A+          | A+++ / A++ / A+          | A+++ / A++ / A+          | A+++ / A++ / A+          |
| Operating range Outdoor temp.            | °C          | -25 ~ +43                | -25 ~ +43                | -25 ~ +43                | -25 ~ +43                | -25 ~ +43                | -25 ~ +43                | -25 ~ +43                | -25 ~ +43                | -25 ~ +43                | -25 ~ +43                |
| Maximum vertical / total distance        | m           | 20 / 30                  | 20 / 30                  | 20 / 30                  | 20 / 30                  | 20 / 30                  | 20 / 30                  | 20 / 30                  | 20 / 30                  | 20 / 30                  | 20 / 30                  |
| Refrigerant                              | Type        | R32                      | R32                      | R32                      | R32                      | R32                      | R32                      | R32                      | R32                      | R32                      | R32                      |
| Preload refrigerant                      | Kg          | 1,5                      | 1,5                      | 1,65                     | 1,65                     | 1,84                     | 1,84                     | 1,84                     | 1,84                     | 1,84                     | 1,84                     |
| Sound power                              | dB (A)      | 56                       | 58                       | 59                       | 60                       | 64                       | 64                       | 65                       | 65                       | 68                       | 68                       |
| Compressor                               | Type        | DC Inverter twin rotary  | DC Inverter twin rotary  | DC Inverter twin rotary  | DC Inverter twin rotary  | DC Inverter twin rotary  | DC Inverter twin rotary  | DC Inverter twin rotary  | DC Inverter twin rotary  | DC Inverter twin rotary  | DC Inverter twin rotary  |
| Dimensions Height / Width / Depth        | mm          | 712 / 1008 / 426         | 712 / 1008 / 426         | 865 / 1118 / 523         | 865 / 1118 / 523         | 865 / 1118 / 523         | 865 / 1118 / 523         | 865 / 1118 / 523         | 865 / 1118 / 523         | 865 / 1118 / 523         | 865 / 1118 / 523         |
| Gross / net weight                       | Kg          | 64 / 58                  | 64 / 58                  | 88 / 77                  | 88 / 77                  | 110 / 96                 | 125 / 112                | 110 / 96                 | 125 / 112                | 110 / 96                 | 125 / 112                |
| <b>INDOOR UNIT</b>                       |             |                          |                          |                          |                          |                          |                          |                          |                          |                          |                          |
| Power supply                             | V / n° / Hz | 230 / 1 / 50             | 230 / 1 / 50             | 230 / 1 / 50             | 230 / 1 / 50             | 230 / 1 / 50             | 230 / 1 / 50             | 230 / 1 / 50             | 230 / 1 / 50             | 230 / 1 / 50             | 230 / 1 / 50             |
| Sound power                              | dB (A)      | 38                       | 38                       | 42                       | 42                       | 43                       | 43                       | 43                       | 43                       | 43                       | 43                       |
| Expansion vessel                         | l           | 8                        | 8                        | 8                        | 8                        | 8                        | 8                        | 8                        | 8                        | 8                        | 8                        |
| Min/max setpoint temp                    | °C          | 5 / 65                   | 5 / 65                   | 5 / 65                   | 5 / 65                   | 5 / 65                   | 5 / 65                   | 5 / 65                   | 5 / 65                   | 5 / 65                   | 5 / 65                   |
| Maximum DHW temperature                  | °C          | 60                       | 60                       | 60                       | 60                       | 60                       | 60                       | 60                       | 60                       | 60                       | 60                       |
| Safety value                             | bar         | 3                        | 3                        | 3                        | 3                        | 3                        | 3                        | 3                        | 3                        | 3                        | 3                        |
| Dimensions Height / Width / Depth        | mm          | 790 / 420 / 270          | 790 / 420 / 270          | 790 / 420 / 270          | 790 / 420 / 270          | 790 / 420 / 270          | 790 / 420 / 270          | 790 / 420 / 270          | 790 / 420 / 270          | 790 / 420 / 270          | 790 / 420 / 270          |
| Gross / net weight                       | Kg          | 43 / 37                  | 43 / 37                  | 43 / 37                  | 43 / 37                  | 45 / 39                  | 45 / 39                  | 45 / 39                  | 45 / 39                  | 45 / 39                  | 45 / 39                  |

#### Accessories

|                  |                                        |
|------------------|----------------------------------------|
| <b>3IDA90104</b> | 3 kw resistance                        |
| <b>3IDA90105</b> | 4.5 kw resistance                      |
| <b>3IDA40020</b> | Aquatank IU WITD HP 200L               |
| <b>3IDA40021</b> | Aquatank IU WITD HP 300L               |
| <b>3IDA90095</b> | Hydraulic separator 100 litres 8 ports |
| <b>3IDA90093</b> | Hydraulic separator 25 litres 4 ports  |
| <b>3IDA90094</b> | Hydraulic separator 50 litres 8 ports  |
| <b>3IDA90106</b> | Three-phase 4.5 kw resistor            |

# All in One Urban II split



## THE MOST POWERFUL AND COMPACT MULTITASKING SOLUTION FOR AIR-CONDITIONING AND DHW

New Urban all in one version II. An ATW heat pump based design-integrated solution to meet domestic hotwater and air conditioning needs in the home. An upgraded model, with powers from 4 to 16 kW and combinations with 190 or 240 litre storage tank.

### FEATURES

- Compact dimensions of 60×60 cm.
- Installation distances of 20/30 m.
- Backup resistor of 3 kW.
- Integrated 3-way valve.
- 16 climate curves available.
- Legionella protection function.
- Smart Grid for connection to photovoltaic panels and smart grid networks.
- Copy of the parameters via USB.
- Compatible with the entire range of Daitsu fan coils.
- Rotary DC Inverter compressor.

## CENTRALISED CONTROL FOR CASCADING OF SEVERAL UNITS

With easy direct connection to the different displays of the URBAN II monobloc units' standard remote controls, it will allow us to control up to 4 units.

### WI-FI CONTROL INCLUDED

The indoor unit can be controlled from any location via Smartphone or Tablet using the **iLetComfort app**.





REFRIGERANT  
R32



inverter **A<sup>+++</sup>**

| Model                                |      | AWD 040   | AWD 060   | AWD 080   | AWD 080   | AWD 100   | AWD 100   | AWD 120   | AWD 120T  | AWD 140   | AWD 140T  | AWD 160   | AWD 160T  |
|--------------------------------------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Code                                 |      | 3IDA02010 | 3IDA02011 | 3IDA02012 | 3IDA02014 | 3IDA02015 | 3IDA02013 | 3IDA02016 | 3IDA02019 | 3IDA02017 | 3IDA02020 | 3IDA02018 | 3IDA02021 |
| Heating power Temp 7/W35             | kW   | 4,25      | 6,20      | 8,30      | 8,30      | 10,00     | 10,00     | 12,10     | 12,10     | 14,50     | 14,50     | 16,00     | 16,00     |
| Cooling power T°35/W18               | kW   | 4,50      | 6,55      | 8,40      | 8,40      | 10,00     | 10,00     | 12,00     | 12,00     | 13,50     | 13,50     | 14,90     | 14,90     |
| Load profile                         |      | L         | L         | L         | XL        | XL        | L         | XL        | XL        | XL        | XL        | XL        | XL        |
| SCOPdhw Warm climate (A14)           |      | 3,8       | 3,8       | 3,66      | 4,18      | 4,18      | 3,66      | 3,73      | 3,73      | 3,73      | 3,73      | 3,73      | 3,73      |
| SCOPdhw Medium climate (A7)          |      | 3,1       | 3,1       | 3,02      | 3,36      | 3,36      | 3,02      | 3,00      | 3,00      | 3,00      | 3,00      | 3,00      | 3,00      |
| SCOPdhw Cold climate (A2)            |      | 2,5       | 2,5       | 2,61      | 2,72      | 2,72      | 2,61      | 2,24      | 2,24      | 2,24      | 2,24      | 2,24      | 2,24      |
| DHW maximum production temperature   | °C   | +30 ~+60  | +30 ~+60  | +30 ~+60  | +30 ~+60  | +30 ~+60  | +30 ~+60  | +30 ~+60  | +30 ~+60  | +30 ~+60  | +30 ~+60  | +30 ~+60  | +30 ~+60  |
| Hydraulic Input / Output connections | Pul. | 1 / 1     | 1 / 1     | 1 / 1     | 1 / 1     | 1 / 1     | 1 / 1     | 1 / 1     | 1 / 1     | 1 / 1     | 1 / 1     | 1 / 1     | 1 / 1     |
| Nominal water flow                   | m³/h | 0,73      | 1,07      | 1,43      | 1,43      | 1,72      | 1,72      | 2,08      | 2,08      | 2,49      | 2,75      | 2,75      | 2,49      |
| Expansion vessel capacity            | l    | 8         | 8         | 8         | 8         | 8         | 8         | 8         | 8         | 8         | 8         | 8         | 8         |

| OUTDOOR UNIT                           |             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|----------------------------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| COP/SCOP Outdoor 7°C / Supply 35°C     |             | 5,18 / 4,85      | 5,00 / 4,95      | 5,19 / 5,22      | 5,19 / 5,22      | 5,00 / 5,22      | 5,00 / 5,22      | 4,96 / 4,81      | 4,96 / 4,72      | 4,69 / 4,81      | 4,69 / 4,62      | 4,49 / 4,72      | 4,49 / 4,62      |
| Energy class Outdoor 7°C / Supply 35°C |             | A+++             | A+++             | A+++             | A+++             | A+++             | A+++             | A+++             | A+++             | A+++             | A+++             | A+++             | A+++             |
| EER/SEER Outdoor 45°C / Supply 18°C    |             | 5,55 / 7,77      | 4,90 / 8,25      | 5,05 / 8,94      | 5,05 / 8,80      | 4,80 / 8,80      | 4,80 / 8,94      | 4,00 / 7,14      | 4,00 / 7,00      | 3,60 / 6,85      | 3,60 / 6,81      | 3,40 / 6,67      | 3,40 / 6,63      |
| Power supply                           | V / n° / Hz | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 400 / 3 / 50     | 220 / 1 / 50     | 400 / 3 / 50     | 220 / 1 / 50     | 400 / 3 / 50     |
| Maximum absorbed current               | A           | 18               | 18               | 19               | 19               | 19               | 19               | 30               | 14               | 30               | 14               | 30               | 14               |
| Sound power                            | dB (A)      | 56               | 58               | 59               | 59               | 60               | 60               | 64               | 64               | 65               | 65               | 68               | 68               |
| Operating range Outdoor temp.          | °C          | -25~-+43         | -25~-+43         | -25~-+43         | -25~-+43         | -25~-+43         | -25~-+43         | -25~-+43         | -25~-+43         | -25~-+43         | -25~-+43         | -25~-+43         | -25~-+43         |
| Refrigerant                            | Type        | R32              | R32              | R32              | R32              | R32              | R32              | R32              | R32              | R32              | R32              | R32              | R32              |
| Refrigerant load                       | Kg          | 1,5              | 1,5              | 1,65             | 1,65             | 1,65             | 1,5              | 1,84             | 1,84             | 1,84             | 1,84             | 1,84             | 1,84             |
| Refrigeration connections liquid / gas | Pul.        | 1/4 / 5/8        | 1/4 / 5/8        | 3/8 / 5/8        | 3/8 / 5/8        | 3/8 / 5/8        | 3/8 / 5/8        | 3/8 / 5/8        | 3/8 / 5/8        | 3/8 / 5/8        | 3/8 / 5/8        | 3/8 / 5/8        | 3/8 / 5/8        |
| Maximum vertical / total distance      | m           | 20 / 30          | 20 / 30          | 20 / 30          | 20 / 30          | 20 / 30          | 20 / 30          | 20 / 30          | 20 / 30          | 20 / 30          | 20 / 30          | 20 / 30          | 20 / 30          |
| Preload Distance - Additional Load     | m / g/m     | 15 / 20          | 15 / 20          | 15 / 38          | 15 / 38          | 15 / 38          | 15 / 38          | 15 / 38          | 15 / 38          | 15 / 38          | 15 / 38          | 15 / 38          | 15 / 38          |
| Dimensions Height / Width / Depth      | mm          | 712 / 1008 / 426 | 712 / 1008 / 426 | 865 / 1118 / 523 | 865 / 1118 / 523 | 865 / 1118 / 523 | 865 / 1118 / 523 | 865 / 1118 / 523 | 865 / 1118 / 523 | 865 / 1118 / 523 | 865 / 1118 / 523 | 865 / 1118 / 523 | 865 / 1118 / 523 |
| Gross / net weight                     | Kg          | 60 / 65          | 60 / 65          | 78 / 92          | 78 / 92          | 78 / 92          | 78 / 92          | 100 / 113        | 116 / 129        | 100 / 113        | 116 / 129        | 100 / 113        | 116 / 129        |

| INDOOR UNIT                       |             |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |                  |
|-----------------------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Tank capacity                     | l           | 190              | 190              | 190              | 240              | 240              | 190              | 240              | 240              | 240              | 240              | 240              | 240              |
| Power supply                      | V / n° / Hz | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     | 220 / 1 / 50     |
| Backup resistor power             | kW          | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                |
| Min/max setpoint temp             | °C          | +5~-+65          | +5~-+65          | +5~-+65          | +5~-+65          | +5~-+65          | +5~-+65          | +5~-+65          | +5~-+65          | +5~-+65          | +5~-+65          | +5~-+65          | +5~-+65          |
| Sound power                       | dB (A)      | 38               | 38               | 40               | 40               | 40               | 40               | 42               | 42               | 44               | 44               | 44               | 44               |
| Dimensions Height / Width / Depth | mm          | 1683 / 600 / 600 | 1683 / 600 / 600 | 1683 / 600 / 600 | 1943 / 600 / 600 | 1943 / 600 / 600 | 1683 / 600 / 600 | 1943 / 600 / 600 | 1943 / 600 / 600 | 1943 / 600 / 600 | 1943 / 600 / 600 | 1943 / 600 / 600 | 1943 / 600 / 600 |
| Gross / net weight                | Kg          | 140 / 161        | 140 / 161        | 140 / 161        | 157 / 178        | 157 / 178        | 140 / 161        | 159 / 180        | 159 / 180        | 159 / 180        | 159 / 180        | 159 / 180        | 159 / 180        |

| Accessories      |                                        |
|------------------|----------------------------------------|
| <b>3IDA90095</b> | Hydraulic separator 100 litres 8 ports |
| <b>3IDA90135</b> | Hydraulic separator 120 litres 8 ports |
| <b>3IDA90093</b> | Hydraulic separator 25 litres 4 ports  |
| <b>3IDA90133</b> | Hydraulic separator 40 litres 4 ports  |
| <b>3IDA90094</b> | Hydraulic separator 50 litres 8 ports  |
| <b>3IDA90134</b> | Hydraulic separator 80 litres 8 ports  |

# MONOBLOC MULTITASK

A compact multitasking solution, designed for easy hydraulic connection without the need for refrigerant handling.

## The Daitsu Monobloc range is the ideal solution for renovations and boiler replacement programs.

Active and Drive heat pumps use R290 refrigerant gas and provide domestic hot water and climate control (heating or cooling) through fan coils, underfloor heating, or radiators, thanks to water flow temperatures of up to 75°C.

### DRIVE

MAXIMUM ENERGY EFFICIENCY WITH A COP OF UP TO 4.99.



### ACTIVE II

MAXIMUM ENERGY EFFICIENCY WITH A COP OF UP TO 4.79.



inverter

REFRIGERANT  
R290

A+++

Energy efficiency thanks to the DC inverter fan motor



Compatible with the entire Daitsu fan coil range



Water outlet at up to 75°C to maintain conventional radiator installations



Robust and high-quality design



Allows equipment integration via Modbus RS485 control



Built-in WiFi control



Remote management interface with touch control



Low noise level for a relaxed environment

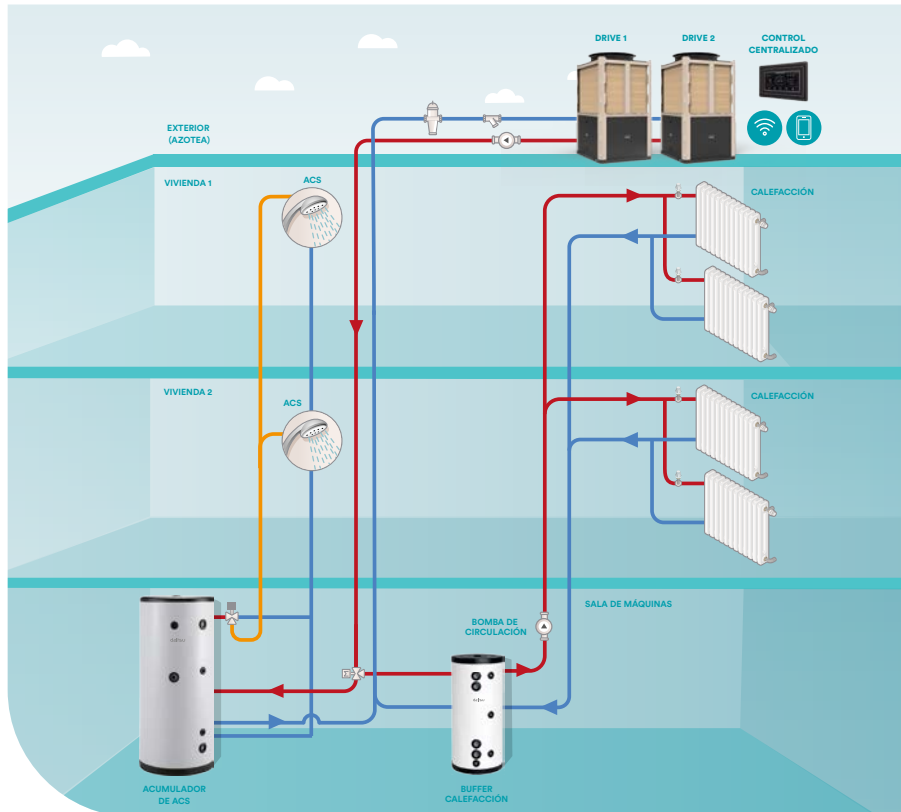


Includes compressor and drain pan heater

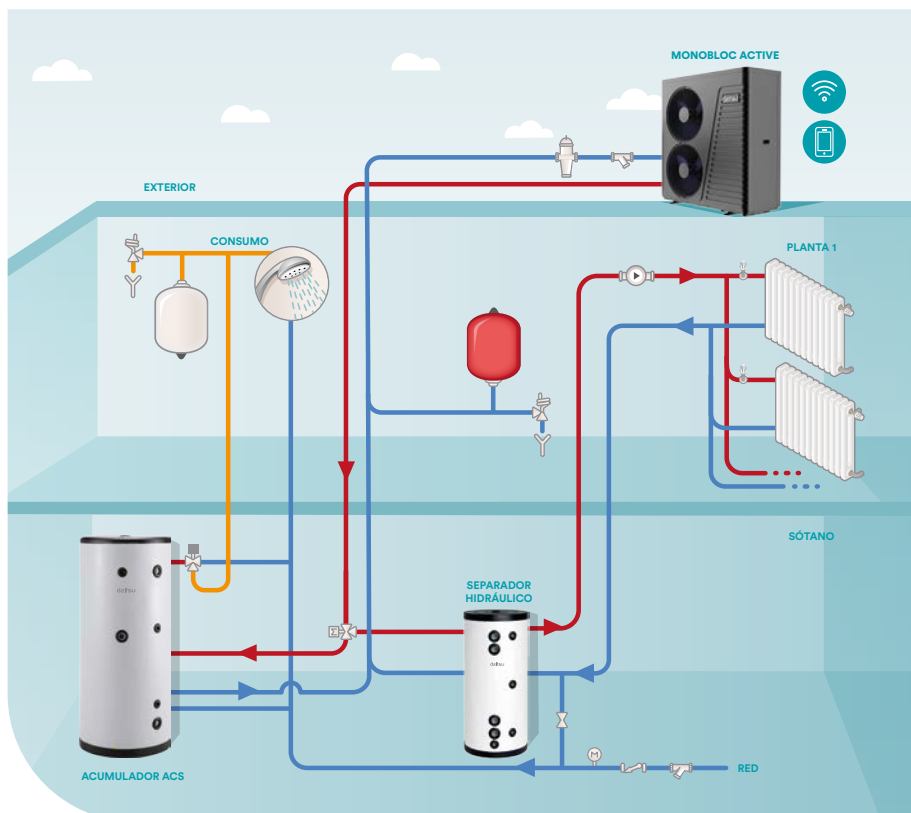


# Multitask layouts

Centralized multitasking application with Monobloc Drive.



Monobloc Active II Application with conventional radiators and DHW storage tank.



# Monobloc Active II NEW!



## MAXIMUM EFFICIENCY AT HIGH TEMPERATURE

The Daitsu Monobloc Active II heat pump is the solution for renovations and boiler renovation plans, where it is necessary for the radiator supply to reach 70 °C. A robust unit which, thanks to the use of R290 gas, requires a lower refrigerant volume, leading to fewer CO2 emissions and maximum efficiency.

## FEATURES

- Stylish design with top quality finishes.
- Energy classification A+++.
- High-efficiency DC inverter fan motor.
- Maximum water outlet temperature.
- Robust compressor and drain tray.
- Housing made of corrosion-resistant ABS material.
- Interior protected with pyramid foam to reduce sound level.
- Flow switch and circulation pump to protect the heatpump.
- Automatic defrosting.
- Drain valve included.
- Multi-zone control.
- SG function for photovoltaic integration.
- Significant increase in cooling performance compared to the previous version.

## CENTRALIZED CONTROL

- Intelligent cascade control capable of simultaneously managing up to 16 Monobloc Active II units via ModBus RS485 communication protocol.
- It integrates heating curves compensating the setpoint temperature depending on the outside temperature or that of the DHW storage tanks.
- It is possible to assign an address to the different controlled units automatically.
- Weekly programmer.
- Optimises the defrost function by using the various connected units together.

## CONTROL FROM APP

The system can be controlled from any location via Smartphone or Tablet using the **Warmlink** app, thanks to the SIM card included (no need for Wi-Fi in the home).





| Model                               |             | AOWD 17X          | AOWD2 04X        | AOWD2 06X        | AOWD2 10TX       | AOWD2 10X        | AOWD2 17TX        | AOWD2 17X         |
|-------------------------------------|-------------|-------------------|------------------|------------------|------------------|------------------|-------------------|-------------------|
| Code                                |             | 3IDA02399         | 3IDA11497        | 3IDA11498        | 3IDA11501        | 3IDA11499        | 3IDA11502         | 3IDA11500         |
| Cooling power T°35/W18              | kW          | 15,50             | 4                | 6                | 10               | 10               | 17                | 17                |
| EER A35/W18                         | °C          | 2,44              | 4,24             | 4,12             | 4,31             | 4,31             | 4,05              | 4,05              |
| Heating power Temp 7/W35            | kW          | 17                | 4,07             | 7                | 9,72             | 10,48            | 17,02             | 16,98             |
| COP A7/W35                          |             | 4,53              | 4,79             | 4,78             | 4,57             | 4,56             | 4,23              | 4,22              |
| SCOP A7/35                          |             | -                 | 4,83             | 4,78             | 4,71             | 4,67             | 4,64              | 4,65              |
| Heating capacity A7/W55             | kW          | 17                | 4,14             | 6,95             | 9,67             | 9,17             | 16,92             | 17,09             |
| COP A7/W55                          | °C          | 3,12              | 2,95             | 3,01             | 3,10             | 2,86             | 3,04              | 2,90              |
| SCOP A7/W55                         |             | 3,21              | 3,36             | 3,51             | 3,60             | 3,66             | 3,62              | 3,61              |
| Energy class 35°C                   |             | A+++              | A+++             | A+++             | A+++             | A+++             | A+++              | A+++              |
| Power supply                        | V / n° / Hz | 230 / 1 / 50      | 230 / 1 / 50     | 230 / 1 / 50     | 400 / 3 / 50     | 230 / 1 / 50     | 400 / 3 / 50      | 230 / 1 / 50      |
| Maximum current                     | A           | 35                | 13               | 17               | 12,2             | 24               | 16,1              | 36,1              |
| Cold water output temperature       | °C          | 5 -20             | 5 -20            | 5 -20            | 5 -20            | 5 -20            | 5 -20             | 5 -20             |
| Heat water output temperature       | °C          | 15 - 75           | 15 - 75          | 15 - 75          | 15 - 75          | 15 - 75          | 15 - 75           | 15 - 75           |
| Working temperature range min / max | °C          | -25 / 43          | -25 / 43         | -25 / 43         | -25 / 43         | -25 / 43         | -25 / 43          | -25 / 43          |
| Refrigerant                         | Type        | R290              | R290             | R290             | R290             | R290             | R290              | R290              |
| Refrigerant load                    | Kg          | 1,3               | 0,65             | 0,65             | 1                | 1                | 1,4               | 1,4               |
| Fan                                 | Type / n°   | DC / 2            | DC / 1           | DC / 1           | DC / 1           | DC / 1           | DC / 2            | DC / 2            |
| Diameter hydraulic connections      | Pul.        | 1                 | 1                | 1                | 1                | 1                | 1                 | 1                 |
| Sound pressure 1m                   | dB (A)      | 47                | 43               | 43               | 45               | 45               | 48                | 47                |
| Sound power                         | dB (A)      | 62                | 54               | 56               | 59               | 59               | 61                | 62                |
| Pump available pressure             | mca         | 12,5              | 5                | 7,5              | 8                | 8                | 10,4              | 10,4              |
| Nominal water flow                  | m³/h        | 2,92              | 0,69             | 1                | 1,7              | 1,7              | 2,92              | 2,92              |
| Dimensions Height / Width / Depth   | mm          | 1330 / 1250 / 540 | 795 / 1167 / 407 | 795 / 1167 / 407 | 928 / 1287 / 458 | 928 / 1287 / 458 | 1330 / 1250 / 540 | 1330 / 1250 / 540 |
| Gross weight / Net weight           | Kg          | 202               | 115              | 115              | 150              | 140              | 220               | 205               |

#### Accessories

|           |                                        |
|-----------|----------------------------------------|
| 3IDA40020 | Aquatank IU WITD HP 200L               |
| 3IDA40021 | Aquatank IU WITD HP 300L               |
| 3IDA40028 | Aquatank NEO                           |
| 3IDA90131 | Centralised control MB Active          |
| 3IDA90095 | Hydraulic separator 100 litres 8 ports |
| 3IDA90135 | Hydraulic separator 120 litres 8 ports |
| 3IDA90134 | Hydraulic separator 120 litres 8 ports |
| 3IDA90093 | Hydraulic separator 25 litres 4 ports  |
| 3IDA90133 | Hydraulic separator 40 litres 4 ports  |
| 3IDA90094 | Hydraulic separator 50 litres 8 ports  |
| 3IDA40029 | Hydraulic separator 80 litres 8 ports  |
| 3IDA90130 | Wi-Fi Control for Monobloc Active      |

# Monobloc Drive NEW!



## HIGH CAPACITY SOLUTIONS WITH NATURAL REFRIGERANT

New range of medium power air/water heat pumps, with heating powers of 20 kW and 35 kW capacities, combinable for cascade production up to 16 units.

Its compact design includes an integrated hydraulic pump inside the unit in the 20 kW model for connection to DHW storage tanks, radiators, fan coils, underfloor heating or other centralised commercial and residential applications.

A unit with maximum energy efficiency A+++, high water production temperature 73 °C and R290 refrigerant gas with very low GWP (0,5).

## FEATURES

- Energy classification A+++ at 35°C and A++ at 55°C.
- Inverter scroll compressor with maximum precision in water temperature control.
- Several models of silent operation.
- Water outlet temperature at 73°C with an outside temperature of -7°C.
- EEV control logic to maintain constant water outlet temperature.
- Intelligent defrost through frequency adjustment and compensation.
- Inverter EVI (with steam injection) high COP at low outdoor operating temperatures.
- Pre-heating technology to increase compressor life cycle.



| Model                             |             | AOWD 20TX         | AOWD 35TX         |
|-----------------------------------|-------------|-------------------|-------------------|
| Code                              |             | 3IDA11503         | 3IDA11504         |
| Heating power Temp 7/W35          | kW          | 20                | 35                |
| Cooling power                     | kW          | 16                | 24                |
| EER / COP                         |             | 2,2 / 4,69        | 2,4 / 4,99        |
| SCOP - High temperature           |             | 3,49              | 3,26              |
| SCOP - Medium temperature         |             | 4,71              | 4,52              |
| Energy class 35°C                 |             | A+++              | A+++              |
| Power supply                      | V / n° / Hz | 380 / 3 / 50      | 380 / 3 / 50      |
| Operating range outdoor temp.     | °C          | -25 ~+43          | -25 ~+43          |
| Maximum current                   | A           | 17                | 30                |
| Cold operating range              | °C          | 5 ~+20            | 5 ~+20            |
| Heat operating range              | °C          | 15 ~+73           | 15 ~+73           |
| Refrigerant                       | Type        | R290              | R290              |
| Refrigerant load                  | Kg          | 1,8               | 1,5 × 2           |
| Fan                               | Type / n°   | DC / 2            | DC / 1            |
| Sound pressure                    | dB (A)      | 53                | 62                |
| Diameter hydraulic connections    | Pul.        | G1                | G1,5              |
| Sound power                       | dB (A)      | 68                | 74                |
| Dimensions Height / Width / Depth | mm          | 1330 / 1350 / 540 | 1816 / 1198 / 980 |
| Gross weight / Net weight         | Kg          | 223 / 202         | 456 / 363         |

| Accessories |                                        |
|-------------|----------------------------------------|
| 3IDA40020   | Aquatank IU WITD HP 200L               |
| 3IDA40028   | Aquatank IU WITD HP 300L               |
| 3IDA40029   | Aquatank NEO                           |
| 3IDA90131   | Centralised control MB Active          |
| 3IDA90095   | Hydraulic separator 100 litres 8 ports |
| 3IDA90135   | Hydraulic separator 120 litres 8 ports |
| 3IDA40021   | Hydraulic separator 25 litres 4 ports  |
| 3IDA90133   | Hydraulic separator 40 litres 4 ports  |
| 3IDA90094   | Hydraulic separator 50 litres 8 ports  |
| 3IDA90134   | Hydraulic separator 80 litres 8 ports  |
| 3IDA90130   | Wi-Fi Control for Monobloc Active      |



# Heatank V4.1 NEW!



## THE MOST COMPACT AND EFFICIENT SOLUTION FOR DOMESTIC HOT WATER

The HEATANK V4.1 heat pump for DHW production is a practically plug&play unit capable of supplying users with DHW all year round as quickly and comfortably as a conventional electric boiler but with the advantage that it uses the energy contained in the air and transforms it into DHW so that the efficiency is approximately 350% higher than that of a conventional boiler.

A heat pump that supplies hot water to the home with great benefits: high energy efficiency, high performance and minimum consumption. And all with a compact and stylish design that makes it suitable for installation in any room in the home.

## FEATURES

- Unit for wall installation of 100-150 litres and 200-300 litres for free-standing installation.
- Low sound level and minimum heat loss.
- High-thickness thermal insulating polyurethane.
- High operating range, from -5 °C to 43 °C.

- Domestic hot water production with outside temperature down to -10 °C.
- Built-in 1.5 kW electric heater with safety thermostat.
- Includes over-pressure and over-temperature safety valve.
- Condensate tray and condensate pipe included for easy installation and guaranteed design.
- Anticorrosion magnesium anode.

## WI-FI CONTROL OPTIONAL

The indoor unit can be controlled from any location via Smartphone or Tablet using the application **HiTemp**.







| Model                          |             | AIHD V4.1 100L | AIHD V4 150L | AIHD V4.1 200L | AIHD V4.1 300L | AIHD V4.1 300L SOLAR |
|--------------------------------|-------------|----------------|--------------|----------------|----------------|----------------------|
| Code                           |             | 3IDA11505      | 3IDA03004    | 3IDA11506      | 3IDA11507      | 3IDA11508            |
| Heating power                  | kW          | 0,9            | 0,9          | 1,5            | 1,5            | 1,5                  |
| Tank capacity                  | l           | 100            | 150          | 200            | 300            | 300                  |
| Electricity consumption        | kW          | 0,25           | 0,25         | 0,41           | 0,41           | 0,41                 |
| Absorbed intensity             | A           | 1,1            | 1,1          | 1,8            | 1,8            | 1,8                  |
| Power supply                   | V / n° / Hz | 230 / 1 / 50   | 230 / 1 / 50 | 230 / 1 / 50   | 230 / 1 / 50   | 230 / 1 / 50         |
| Air discharge                  |             | Vertical       | Vertical     | Vertical       | Vertical       | Vertical             |
| Compressor                     | Type        | Rotary         | Rotary       | Rotary         | Rotary         | Rotary               |
| Air volume                     | m³/h        | 250            | 250          | 350            | 350            | 350                  |
| Available fan pressure         | Pa          | 20             | 20           | 40             | 40             | 40                   |
| Water output temperature       | °C          | 60             | 60           | 60             | 60             | 60                   |
| Operating pressure (min/max)   | Pa          | 1,3 / 3,2      | 1,3 / 3,2    | 1,3 / 3,2      | 1,3 / 3,2      | 1,3 / 3,2            |
| Sound level                    | dB (A)      | 43             | 43           | 43             | 43             | 43                   |
| COPdhw EN 16147 warm climate   |             | 3,35           | 2,89         | 3,53           | 3,91           | 3,91                 |
| COPdhw EN 16147 medium climate |             | 2,63           | 2,78         | 3,09           | 3,41           | 3,41                 |
| COPdhw EN16147 cold climate    |             | 2,47           | 2,25         | 2,56           | 2,75           | 2,75                 |
| Diameter hydraulic connections | Pul.        | 3/4            | 3/4          | 3/4            | 3/4            | 3/4                  |
| Energy class                   |             | A+             | A+           | A+             | A+             | A+                   |
| Seasonal energy efficiency     | %           | 110,3          | 110,3        | 129,3          | 124,7          | 124,7                |
| Load profile                   |             | M              | L            | L              | L              | XL                   |
| Operating range                | °C          | -5 ~ +43       | -5 ~ +43     | -5 ~ +43       | -5 ~ +43       | -5 ~ +43             |
| Backup resistor                | kW          | 1,5            | 1,5          | 1,5            | 1,5            | 1,5                  |
| Solar coil                     | m²          | -              | -            | -              | -              | 1                    |
| Refrigerant                    | Type        | R290           | R290         | R290           | R290           | R290                 |
| Refrigerant load               | Kg          | 0,15           | 0,15         | 0,15           | 0,15           | 0,15                 |
| Dimensions height / diameter   | mm          | 1120 / 560     | 1430 / 560   | 1600 / 640     | 1905 / 640     | 1905 / 640           |
| Gross weight / Net weight      | Kg          | 74 / 62        | 84 / 71      | 113 / 96       | 129 / 112      | 129 / 112            |

## Accessories

**3IDA90099** Wi-Fi Interface Heatank ACCD\_WM21



# Heatank Infinity



## MODULAR SYSTEM FOR DHW PRODUCTION

Heatank Infinity is the new 315 litre modular heat pump designed for DHW production in commercial solutions. It allows you to install units in parallel, increasing the capacity, adapting to the needs and maintaining the “constant hotwater” service at all times. Thanks to this system, operating costs can be up to 75% lower than those of an electric water heater.

## FEATURES

- Maximum power of 11 kW (6 kW with heat pump +4.8 kW of resistors).
- Modular parallel installation possible.
- Water output at 60 °C.
- Modbus Connectivity.
- Designed for outdoor (IPX4) and indoor installation.
- Automatic intelligent defrost function.
- Indicator of the volume of hot water available in the tank.
- Large air grille for improved heat exchange.
- Programming function, holiday mode and ECO mode.

## WI-FI CONTROL OPTIONAL

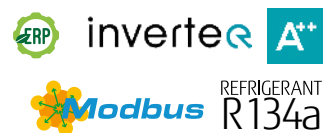
The indoor unit can be controlled from any location via Smartphone or Tablet using the **HiTemp** application.



## APPLICATIONS

Ideal for professional applications with medium DHW demands: laundries, restaurants, hairdressing salons, bakeries, farms, washing tunnels, etc.





| Model                          |             | HEATANK INFINITY 315L |
|--------------------------------|-------------|-----------------------|
| Code                           |             | 3IDA03022             |
| Heating power                  | kW          | 6                     |
| Tank capacity                  | l           | 315                   |
| Electricity consumption        | kW          | 1,46                  |
| Absorbed intensity             | A           | 6,08                  |
| Power supply                   | V / n° / Hz | 230 / 1 / 50          |
| Air discharge                  |             | Frontal               |
| Compressor                     | Type        | Rotary                |
| Air volume                     | m³/h        | 1000                  |
| Water output temperature       | °C          | 60                    |
| Operating pressure (min/max)   | Pa          | 1,3 / 2,6             |
| Sound level                    | dB (A)      | 52                    |
| COPdhw EN 16147 medium climate |             | 2,56                  |
| Diameter hydraulic connections | Pul.        | 3/4                   |
| Energy class                   |             | A+                    |
| Seasonal energy efficiency     | %           | 105,3                 |
| Load profile                   |             | XL                    |
| Operating range                | °C          | -5 ~ +43              |
| Backup resistor                | kW          | 4,8                   |
| Refrigerant                    | Type        | R134A                 |
| Refrigerant load               | Kg          | 2,7                   |
| Dimensions height / diameter   | mm          | 2250 / 640            |
| Gross weight / Net weight      | Kg          | 176 / 157             |

## Accessories

**3IDA90099** Wi-Fi Interface Heatank ACCD\_WM21



# Coral II



## THE BEST HEATING AND COOLING FOR SWIMMING POOLS AND SPAS

The CORAL II heat and cold pumps with inverter technology obtain the free energy contained in the air and transfer it to swimming pools, minimising costs and enabling the pool to be used all year round.

They also guarantee water temperature stability and very low noise levels.

## EASY TO INSTALL

A solution designed to be connected to the pool's own water treatment system, facilitating its installation.

## CONTROL WITH STANDARD WI-FI CONNECTION

3.5-inch colour touch screen that can be used to set any type of temperature and usage configuration, as well as time programming and smart grid function for hybrid operation with photovoltaic solar energy.

## FEATURES

- Efficiency of over 500%.
- Optimal titanium heat exchanger for chlorinated or salt water.
- Can be used both for heating and cooling. It works at ambient temperatures from -2 °C to 40 °C.
- Smart application via Wi-Fi or 5G DTU. Users can easily control the unit anywhere, anytime.
- Intelligent and automatic defrosting by means of cycle inversion and thanks to its optimised chassis.

## WI-FI CONTROL

The air conditioning system can be controlled from any location via Smartphone or Tablet by means of the **InverterTemp\*** application.





| Model                                                        |             | SWD 28 K         | SWD 30 K         | SWD 40 K         | SWD 54 K         | SWD 60 K         | SWD 80 K         | SWD 80 TK        | SWD 90 TK        |
|--------------------------------------------------------------|-------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Code                                                         |             | 3IDA45510        | 3IDA45511        | 3IDA45512        | 3IDA45513        | 3IDA45514        | 3IDA45515        | 3IDA45516        | 3IDA45517        |
| Recommended surface                                          | m²          | 18-35            | 25-50            | 30-60            | 40-75            | 50-90            | 65-120           | 65-120           | 90-170           |
| Heating power<br>Outdoor - 27°C / 80%<br>/ Water 26°C - 28°C | kW          | 2,0 - 7,0        | 2,4 - 9,0        | 2,56 - 11,5      | 4,05 - 15,5      | 4,38 - 18,4      | 4,7 - 24,0       | 9,8 - 24,6       | 7,7 - 28,0       |
| Heating power<br>Outdoor 27°C / 80% /<br>Water 26°C - 28°C   | kW          | 0,25 - 1,21      | 0,3 - 1,55       | 0,3 - 1,9        | 0,5 - 2,63       | 0,52 - 3,17      | 0,36 - 4,0       | 0,70 - 3,52      | 0,59 - 4,7       |
| COP Out 27°C / 80% /<br>Water 26°C-28°C                      |             | 8,0 - 5,8        | 8,0 - 5,8        | 8,5 - 6,0        | 8,1 - 5,6        | 8,5 - 5,8        | 13,0 - 6,0       | 14,0 - 7,0       | 13,0 - 6,0       |
| Heating power -<br>Outdoor 15°C / 70% /<br>Water 26°C-28°C   | kW          | 1,1 - 5,0        | 1,2 - 6,5        | 1,5 - 8,5        | 2,2 - 11,4       | 2,4 - 13,8       | 4,40 - 18,5      | 7,2 - 19,1       | 6,4 - 21,8       |
| Heating power<br>Outdoor 15°C / 70% /<br>Water 26°C - 28°C   | kW          | 0,18 - 1,25      | 0,2 - 1,57       | 0,24 - 1,97      | 0,35 - 2,59      | 0,39 - 3,14      | 0,61 - 4,02      | 0,94 - 3,60      | 0,87 - 4,74      |
| COP Out 15°C /<br>Hum.70% /<br>Water 26°C-28°C               |             | 6,0 - 4,0        | 6,0 - 4,1        | 6,2 - 4,3        | 6,2 - 4,4        | 6,1 - 4,5        | 7,2 - 4,6        | 7,6 - 5,3        | 7,3 - 4,6        |
| Heating power -<br>Outdoor 10°C / 64% /<br>Water 26°C-28°C   | kW          | 1,3 - 4,6        | 1,56 - 5,9       | 1,66 - 7,5       | 2,63 - 10,0      | 2,84 - 12,0      | 5,0 - 15,6       | 5,7 - 15,6       | 5,7 - 17,8       |
| Heating power<br>Outdoor 10°C / 64% /<br>Water 26°C - 28°C   | kW          | 0,26 - 1,28      | 0,31 - 1,64      | 0,33 - 1,97      | 0,52 - 2,56      | 0,56 - 3,08      | 0,82 - 3,91      | 0,90 - 3,54      | 0,90 - 4,13      |
| COP Out 10°C /<br>Hum.64% /<br>Water 26°C-28°C               |             | 5,0 - 3,6        | 5,0 - 3,6        | 5,0 - 3,8        | 5,0 - 3,9        | 5,1 - 3,9        | 6,1 - 4,0        | 6,3 - 4,4        | 6,3 - 4,3        |
| Cooling power -<br>Outdoor 10°C /<br>Water 8°C-10°C          | kW          | 0,88 - 3,07      | 0,37 - 3,13      | 1,04 - 4,07      | 1,21 - 4,72      | 1,35 - 5,55      | 5,39 - 12,5      | 8,08 - 13,57     | 8,08 - 13,57     |
| Heating power<br>Outdoor 10°C /<br>Water 8°C - 10°C          | kW          | 0,28 - 0,96      | 0,12 - 1,00      | 0,30 - 1,23      | 0,7 - 1,67       | 0,91 - 1,74      | 0,76 - 2,05      | 2,46 - 3,37      | 2,46 - 3,37      |
| EER Out 10°C /<br>Water 8°C-10°C                             |             | 2,06 - 4,93      | 2,04 - 4,85      | 2,16 - 5,14      | 2,42 - 5,09      | 2,53 - 5,63      | 3,53 - 4,76      | 3,27 - 4,05      | 3,27 - 4,05      |
| Power supply                                                 | V / n° / Hz | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     | 400 / 3 / 50     | 400 / 3 / 50     |
| Maximum absorbed<br>current                                  | A           | 6,80             | 9,90             | 11,50            | 14,92            | 15,72            | 23,94            | 10,22            | 10,22            |
| Compressor                                                   | n° / Type   | 1 / Rotative     | 1 / Rotative     | 1 / Rotative     | 1 / Rotative     | 1 / Rotative     | 1 / Rotative     | 1 / Rotative     | 1 / Rotative     |
| Fan                                                          | n° / Type   | 1 / Horizontal   | 1 / Horizontal   | 1 / Horizontal   | 1 / Horizontal   | 1 / Horizontal   | 1 / Horizontal   | 1 / Horizontal   | 1 / Horizontal   |
| Fan speeds                                                   | rpm         | 700              | 700              | 850              | 750              | 750              | 800              | 700              | 800              |
| Sound level - 1m                                             | dB (A)      | 38 - 51          | 40 - 52          | 42 - 53          | 44 - 55          | 44 - 56          | 45 - 56          | 44 - 56          | 45 - 57          |
| Exchanger                                                    | Type        | Titanio Class S1 | Titanio Class S1 | Titanio Class S1 | Titanio Class S1 | Titanio Class S1 | Titanio Class S1 | Titanio Class S1 | Titanio Class S1 |
| Water flow rate                                              | m³/h        | 2,8              | 3                | 3,2              | 5,1              | 5                | 10               | 10               | 12               |
| Pressure drop                                                | kPa         | 2                | 3                | 3                | 6                | 6                | 14               | 14               | 17               |
| Moisture resistance<br>level                                 | Class       | IPX4             | IPX4             | IPX4             | IPX4             | IPX4             | IPX4             | IPX4             | IPX4             |
| Refrigerant                                                  | Type        | R32              | R32              | R32              | R32              | R32              | R32              | R32              | R32              |
| Refrigerant load                                             | Kg          | 0,32             | 0,40             | 0,45             | 0,65             | 0,75             | 1,2              | 1,4              | 1,4              |
| Dimensions<br>Height / Width / Depth                         | mm          | 888 / 360 / 618  | 888 / 360 / 618  | 888 / 360 / 618  | 1048 / 450 / 770 | 1048 / 450 / 770 | 1160 / 490 / 862 | 1160 / 490 / 862 | 1160 / 490 / 862 |
| Net weight                                                   | Kg          | 40               | 42               | 46               | 60               | 60               | 87               | 99               | 99               |

# Aquatank NEO HP



## DESIGNED FOR INSTALLATIONS WITH HEAT PUMP

The AQUATANK NEO HP steel enamelled storage tanks have a large-surface coil heat exchanger, are fitted with anodic protection and have the cold-rolled steel treated internally with a double layer of enamel, baked at 860 °C according to DIN 4753.

Specifically designed for heat pump operation thanks to the layout and the high exchange surface area, which maximises its performance for the flow rates and the thermal jump of Air to water heat pumps.

## FEATURES

- Outer lining in synthetic PVC leather and high resistance ABS covers.
- Water tank made of cold rolled steel, with double enamel coating (Vitrified/GLASS).
- Thermal insulation that reduces thermal losses to a minimum, maintaining the temperature of the hot water.
- Thermal insulation in expanded ecological polyurethane.
- Housing for electrical resistors optionally used as an auxiliary power source.



| Model                                        |      | NEO HP 0200L       | NEO HP 0300L       |
|----------------------------------------------|------|--------------------|--------------------|
| Code                                         |      | 3IDA40028          | 3IDA40029          |
| Total capacity                               | l    | 181                | 276                |
| Exchanger                                    | Type | Serpentín          | Serpentín          |
| Type of insulator                            |      | Poliuretano rígido | Poliuretano rígido |
| Insulator thickness                          | mm   | 50                 | 50                 |
| Exchanger dimensions                         | m²   | 2,62               | 3,77               |
| Exchanger volume                             | l    | 13                 | 18                 |
| Installation                                 |      | Vertical           | Vertical           |
| Energy class                                 |      | B                  | B                  |
| Generated power 80 °C / 60 °C                | kW   | 63                 | 90                 |
| Required int. Flow rate 80°C / 60°C          | m³/h | 1,55               | 2,22               |
| Pressure drop 80 °C / 60 °C                  | kPa  | 5,6                | 11,7               |
| Inspection flange diameter                   | mm   | 287                | 287                |
| Maximum pressure                             | bar  | 10                 | 10                 |
| Maximum pressure of the exchanger            | bar  | 6                  | 6                  |
| Maximum temperature                          | °C   | 95                 | 95                 |
| Thermometer connection diameter              | Pul. | 1/2                | 1/2                |
| DHW connection diameter                      | Pul. | 1                  | 1                  |
| Temperature probe connection diameter        | Pul. | 1/2                | 1/2                |
| Diameter / height dimensions with insulation | mm   | 600 / 1230         | 600 / 1760         |
| Net weight                                   | Kg   | 105                | 151                |

#### Accessories

**3IDA90136** 2 kW resistor for Single-phase Aquatank

**3IDA90137** 3 kW resistor for Single-phase Aquatank

# Aquatank WITD HC



## HIGH-CAPACITY STORAGE

The high-capacity vitrified steel storage tanks are designed for the production of domestic hot water compatible with the HT PRO heat pump system. The insulation is in 100 mm soft polyurethane.

## FEATURES

- Compatible with multiple applications.
- Quick build-up.
- Maximum comfort as an abundant and continuous supply is guaranteed.
- High efficiency and low running costs.
- Reliable and durable anti-corrosion.
- Easy to install and maintain.



| Model                                               |      | WITD HC 1000L     | WITD HC 2000L     | WITD HC 3000L     | WITD HC 4000L     | WITD HC 5000L     |
|-----------------------------------------------------|------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Code                                                |      | 3IDA40051         | 3IDA40053         | 3IDA40055         | 3IDA40056         | 3IDA40057         |
| Volume                                              | l    | 955               | 1990              | 2848              | 4043              | 4854              |
| Type of insulator                                   | Type | Soft polyurethane | Soft polyurethane | Soft polyurethane | Soft polyurethane | Soft polyurethane |
| Energy class                                        |      | C                 | C                 | -                 | -                 | -                 |
| Maximum pressure                                    | bar  | 10                | 8                 | 8                 | 6                 | 6                 |
| Maximum temperature                                 | °C   | 95                | 95                | 95                | 80                | 80                |
| Inspection flange diameter                          | mm   | 480 / 400         | 480 / 400         | 480 / 400         | 480 / 400         | 480 / 400         |
| DHW connection diameter                             | Pul. | 1 1/2             | 2                 | 2                 | 3                 | 3                 |
| Thermometer connection diameter                     | Pul. | 1/2               | 1/2               | 1/2               | 1/2               | 1/2               |
| Temperature probe connection diameter               | Pul. | 1/2               | 1/2               | 1/2               | 1/2               | 1/2               |
| Drain coil connection diameter                      | Pul. | 1                 | 1 1/4             | 1 1/4             | 1 1/4             | 1 1/4             |
| Cold water input connection diameter                | Pul. | 1 1/2             | 2                 | 2                 | 3                 | 3                 |
| Anode connection diameter                           | Pul. | 1/2               | 1/2               | 1/2               | 1/2               | 1/2               |
| Electrical heater recirculation connection diameter | Pul. | 1 1/2             | 1 1/2             | 1 1/2             | 1 1/2             | 1 1/2             |
| Total height with insulation                        | mm   | 2205              | 2470              | 2680              | 2650              | 2760              |
| Diameter with insulation                            | mm   | 990               | 1300              | 1450              | 1700              | 1800              |
| Insulator thickness                                 | mm   | 100               | 100               | 100               | 100               | 100               |
| Net weight                                          | Kg   | 207               | 405               | 587               | 546               | 696               |

#### Accessories

|           |                                            |
|-----------|--------------------------------------------|
| 3IDA90065 | 2 kW resistor for Aquatank                 |
| 3IDA90066 | 3 kW resistor for single-phase Aquatank    |
| 3IDA90067 | Electronic anode for <1000 l. 350 mm 1/2"  |
| 3IDA90068 | Electronic Anode WITD >1000L. 350mm        |
| 3IDA90088 | Enerc energy consumption VRF SFDV software |
| 3IDA90089 | Probe Sleeve Aquatank 200 mm               |

A modern living room with large floor-to-ceiling windows. A light-colored modular sofa is positioned in the foreground, with a teal-colored rectangular overlay on top of it. The overlay contains the text. The room has a minimalist design with a white ceiling and a light-colored rug. The view outside the windows shows a landscape with trees and mountains.

# INDOOR AIR QUALITY

90% of the air we breathe is indoor air and may be up to 5 times more contaminated than outdoor air. Daitsu, thanks to its wide range of indoor air quality solutions, ensures healthy conditions for breathing clean air in any space, be it residential, light commercial or industrial.

# INDOOR AIR QUALITY

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|                                            |           |
|--------------------------------------------|-----------|
| <b>Residential purifiers</b>               | <b>82</b> |
| Holly                                      | 82        |
| Purifier                                   | 83        |
| <b>High-efficiency heat recovery units</b> | <b>84</b> |
| RHR Freshome                               | 84        |
| HRD LITE EC                                | 86        |

# Holly



## INNOVATIVE, COMPACT DESIGN

The HOLLY range has a stylish round body design that ensures all-round purification of any room up to 42 m<sup>2</sup>. Its high-efficiency filtering system removes suspended particles, toxins, smoke and any other pollutants from the environment. Very low sound level and consumption.

## FEATURES

- High-efficiency filtration: pre-filter and active carbon filter.
- LED air quality indicator.
- Programming via Smartphone\*.
- Ideal stylised design for interiors. Matt white colour and soft touch texture.
- Up to 5 filtering speeds.
- 3 operating modes: auto, night and turbo.
- Filter replacement warning.
- Blocking function to prevent changes in the programming.

## WI-FI CONTROL INCLUDED

The unit can be controlled from any location via Smartphone or Tablet using the **HiTemp** application (only for CADR 350 model).



| Model                             |                | CADR 065                                                       | CADR 350                                                        |
|-----------------------------------|----------------|----------------------------------------------------------------|-----------------------------------------------------------------|
| Code                              |                | 3NDA03103                                                      | 3NDA03102                                                       |
| Area of application               | m <sup>2</sup> | 7,5                                                            | 24 - 42                                                         |
| Power supply                      | V / n° / Hz    | 230 / 1 / 50                                                   | 230 / 1 / 50                                                    |
| Electricity consumption           | kW             | 0,029                                                          | 0,025                                                           |
| Absorbed intensity                | A              | 0,38                                                           | -                                                               |
| Power cable                       | n° x s         | (UE)L+N+T (2,5mm <sup>2</sup> )                                | (UE)L+N+T (2,5mm <sup>2</sup> )                                 |
| Sound pressure H / M / L          | dB (A)         | 50 / - / -                                                     | 58 / 49 / 27                                                    |
| Speeds                            | n°             | 3                                                              | 3 + Auto                                                        |
| LED indicator                     |                | PM 2,5                                                         | PM 2,5                                                          |
| Filter included                   | Type           | 1 Main HPAC Filter / 1 Activated Carbon Filter / 1 HEPA Filter | HEPA H14 / Activated Carbon Filter / Ultraviolet UV-C / Ionizer |
| Filter class ISO 29463-3          |                | HEPA H13                                                       | EPA E12                                                         |
| Filter class EN 1822              |                | -                                                              | EPA E11                                                         |
| Dimensions Height / Width / Depth | mm             | 325 / 200                                                      | 663 / 292                                                       |
| Net weight                        | Kg             | 2,4                                                            | 6,5                                                             |

### Accessories

**3NDA9061** Holly CADR 350 filter

**3NDA90009** Holly CADR 65 filter



# Purifier



## COMPACT WITH IONISATION FEATURE

Daitsu's PURIFIER range has a compact design to purify the air and to enable the user to enjoy a comfortable, natural, clean environment. It allows easy speed selection thanks to the integrated panel with indicator light, as well as quick access to the filters for easy cleaning.

## ULTIMATE TECHNOLOGY

- High-efficiency filtration: includes pre-filter and **active carbon filter**.
- **Cold Plasma** ionisation function.
- Up to **4 filtering speeds**.
- Programming function for 1, 2, 4 and 8 hours.
- Filter replacement warning.
- Locking function.

| Model                             |             | CADR 118                                                       | CADR 420                                                       |
|-----------------------------------|-------------|----------------------------------------------------------------|----------------------------------------------------------------|
| Code                              |             | 3NDA0031                                                       | 3NDA03104                                                      |
| Area of application               | m²          | 20                                                             | 55                                                             |
| Power supply                      | V / n° / Hz | 230 / 1 / 50                                                   | 230 / 1 / 50                                                   |
| Electricity consumption           | kW          | 0,050                                                          | 0,035                                                          |
| Absorbed intensity                | A           | 0,21                                                           | 0,23                                                           |
| Power cable                       | n° x s      | (UE)L+N+T (2,5mm²)                                             | (UE)L+N+T (2,5mm²)                                             |
| Sound pressure H / M / L          | dB (A)      | 47 / 33 / 25                                                   | 55 / - / -                                                     |
| Speeds                            | n°          | 4                                                              | 3                                                              |
| LED indicator                     |             | PM 2,5                                                         | PM 2,5                                                         |
| Filter included                   | Type        | 1 Main HPAC Filter / 1 Activated Carbon Filter / 1 HEPA Filter | 1 Main HPAC Filter / 1 Activated Carbon Filter / 1 HEPA Filter |
| Filter class ISO 29463-3          |             | H13                                                            | H13                                                            |
| Dimensions Height / Width / Depth | mm          | 500 / 325 / 175                                                | 650 / 280 / 280                                                |
| Net weight                        | Kg          | 5,7                                                            | 15,8                                                           |

### Accessories

- 3NDA9041** Purifier CADR 118 filter
- 3NDA90010** Purifier CADR 420 filter

# RHR Freshome



## RHR FRESHOME RESIDENTIAL HEAT RECOVERY UNITS

A byword for health, well-being, energy efficiency and sustainability, RHR FRESHOME units are fully configurable and adaptable to any location that the installation may require as they are ultra-compact in size (just 21 cm in section), can be mounted horizontally or vertically and include two brackets for wall or ceiling fixture and can also be set up with left or right connections as required in one simple step.

## FEATURES

- Swivelling nozzles, maximum watertightness
- Double drainage. Swivelling drains.
- Multiple set-ups possible.
- Quick and easy to install.
- Swivelling guides, fixed with silentblock hooks.
- Wide range of customised filters.
- Constant flow ventilation technology.
- 100% automatic bypass.
- Silent operation.
- 99.9% recyclable.
- Horizontal or vertical installation.
- Mounted in false ceiling.
- Position parallel to the ceiling.
- Greater energy efficiency up to 95%.
- Greater flow rate with less pressure.
- Control and management with wireless connectivity.
- Version with right or left set-up



| Model                                                |                     | RHR 150           | RHR 200           |
|------------------------------------------------------|---------------------|-------------------|-------------------|
| Code                                                 |                     | 3IRD0600          | 3IRD0601          |
| Air flow rate Min. / Max.                            | m <sup>3</sup> /h   | 50 / 150          | 75 / 200          |
| Static pressure mín./max.                            | Pa                  | 75 / 150          | 50 / 200          |
| Absorbed power minimum / maximum                     | W                   | 9,27 / 58,25      | 25,3 / 106,4      |
| Filter class                                         | Type                | Coarse > 65% (G4) | Coarse > 65% (G4) |
| Thermal efficiency                                   | %                   | 90                | 87                |
| ErP energy class -Average climate timed control      |                     | A                 | A                 |
| ErP energy class -Medium climate centralised control |                     | A                 | A                 |
| ErP energy class -Average climate timed control      |                     | A+                | A+                |
| Electric fan power                                   | W/m <sup>3</sup> /h | 0,208             | 0,248             |
| Sound level                                          | dB (A)              | 38                | 49                |
| Power supply                                         | V / n° / Hz         | 230 / 1 / 50      | 230 / 1 / 50      |
| Degree of protection                                 |                     | IP 40             | IP 40             |
| Connection diameter Ø                                | mm                  | 160               | 160               |
| Condensate connection size                           | Pul.                | 1/2               | 1/2               |
| Dimensions Height / Width / Depth                    | mm                  | 210 / 1000 / 600  | 210 / 1000 / 600  |
| Net weight                                           | Kg                  | 24                | 24                |

| Accessories |                                       |
|-------------|---------------------------------------|
| 3IRD9611    | Accessory Daitsu RHR-Wcoil water coil |
| 3IRD9600    | Dry ball trap RHR-SBS                 |
| 3IRD9602    | F7 RHR-FF7 filter                     |
| 3IRD9603    | F9 RHR-FF9 filter                     |
| 3IRD9604    | G4 RHR-FG4 C7 filter                  |
| 3IRD9605    | G4/F7 RHR-FG4F7 filter                |
| 3IRD9606    | G4/F9 RHR-FG4F9 filter                |
| 3IRD9609    | Modbus RHR communication gateway      |
| 3IRD9610    | RHR-CFULL wireless control            |
| 3IRD9601    | RHR-FCA active carbon filter          |
| 3IRD9608    | RHR-HEATER pre/post heating resistor  |
| 3IRD9607    | RHR-SCO2 CO2 sensor                   |
| 3IRD9612    | RHR-Silent160 acoustic silencer       |

# HRD LITE EC



## HEAT RECOVERY

The HRD LITE EC range of heat recovery units is characterised by its simple design and low height profile.

Ideal for light commercial installations in false ceilings, these units comply with the ErP 2018 regulations in terms of exchange efficiency as well as all European product quality standards.

## CONTROL



## FEATURES

Enthalpy heat recovery units with counter current cross-flow heat exchanger.

- 9 horizontal type models.
- Nominal air flow rate: 500 - 4,000 m<sup>3</sup>/h.
- Exchange efficiency > 73% (in accordance with ErP2018).
- Filtration level: Supply F7; Extraction G4.
- Motorised by-pass device and dirty filter detector, integrated in the unit.
- Drain tray for condensate recovery.
- EC high-efficiency direct-drive plug fan motors.
- Integrated electronic control unit capable of controlling EC fans in manual or automatic mode (either by temperature, fan speed or CO<sub>2</sub> probe).
- Low silhouette.
- Low sound level.
- Easy to install and maintain.



| Model                                           |             | HRD LITE<br>EC 0500 | HRD LITE<br>EC 0700 | HRD LITE<br>EC 1000 | HRD LITE<br>EC 1200 | HRD LITE<br>EC 1600 | HRD LITE<br>EC 2500 | HRD LITE<br>EC 2800 | HRD LITE<br>EC 3300 | HRD LITE<br>EC 4000 |
|-------------------------------------------------|-------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Code                                            |             | 3IRD0300            | 3IRD0301            | 3IRD0302            | 3IRD0303            | 3IRD0304            | 3IRD0305            | 3IRD0306            | 3IRD0307            | 3IRD0308            |
| Nominal air flow                                | m³/h        | 390                 | 510                 | 845                 | 1000                | 1440                | 2100                | 2200                | 3000                | 3510                |
| Air flow rate Min. / Max.                       | m³/h        | 250 / 500           | 350 / 700           | 500 / 1040          | 650 / 1200          | 980 / 1580          | 1400 / 2400         | 1500 / 2650         | 1600 / 3450         | 2200 / 4010         |
| Static pressure min./ max.                      | Pa          | 0 / 150             | 0 / 150             | 0 / 150             | 0 / 150             | 0 / 150             | 0 / 150             | 0 / 150             | 0 / 150             | 0 / 150             |
| Absorbed power minimum / maximum                | W           | 166 / 83            | 238 / 119           | 340 / 170           | 340 / 170           | 570 / 285           | 940 / 470           | 1000 / 500          | 1000 / 500          | 1500 / 750          |
| Filter class                                    | Type        | F7/G4               | F7/G4               | F7/G4               | F7/G4               | F7/G4               | F7/G4               | F7/G4               | F7/G4               | F7/G4               |
| Thermal efficiency                              | %           | 79                  | 79,2                | 78,7                | 79,3                | 79,3                | 78,5                | 79,2                | 78,8                | 83,9                |
| ErP energy class -Average climate timed control |             | 2                   | 4                   | 3                   | 3                   | 4                   | 4                   | 4                   | 3                   | 4                   |
| Electric fan power                              | W/m³/h      | 0,166               | 0,164               | 0,17                | 0,142               | 0,24                | 0,188               | 0,178               | 0,15                | 0,187               |
| SFP                                             | W/m³/s      | 1400                | 1428                | 1302                | 1150                | 1800                | 1538                | 1600                | 1200                | 1450                |
| Sound level                                     | dB (A)      | 32                  | 33                  | 37                  | 34                  | 34                  | 42                  | 45                  | 44                  | 47                  |
| Power supply                                    | V / n° / Hz | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        | 230 / 1 / 50        |
| Total internal pressure drop                    | Pa          | 200                 | 204                 | 202                 | 203                 | 235                 | 266                 | 258                 | 276                 | 301                 |
| Fans' static efficiency                         | %           | 45,3                | 43,7                | 49,7                | 46,4                | 50,8                | 53                  | 59,4                | 59,8                | 56,5                |
| Dimensions Height / Width / Depth               | mm          | 293 / 1297 / 560    | 334 / 1340 / 580    | 334 / 1450 / 840    | 334 / 1540 / 1060   | 375 / 1790 / 1320   | 375 / 1890 / 1650   | 375 / 1890 / 1950   | 475 / 1990 / 1950   | 597 / 2130 / 2000   |
| Net weight                                      | Kg          | 80                  | 90                  | 130                 | 165                 | 195                 | 270                 | 310                 | 345                 | 370                 |

#### Accessories

|          |                                        |
|----------|----------------------------------------|
| 3IRD9701 | CO2 HRDLITE-CO2SENSOR sensor           |
| 3IRD9729 | Electrical resistance HRD LITE EC 500  |
| 3IRD9730 | Electrical resistance HRD LITE EC 700  |
| 3IRD9731 | Electrical resistance HRD LITE EC 1000 |
| 3IRD9732 | Electrical resistance HRD LITE EC 1200 |
| 3IRD9733 | Electrical resistance HRD LITE EC 1600 |
| 3IRD9734 | Electrical resistance HRD LITE EC 2500 |
| 3IRD9735 | Electrical resistance HRD LITE EC 2800 |
| 3IRD9736 | Electrical resistance HRD LITE EC 3300 |
| 3IRD9737 | Electrical resistance HRD LITE EC 4000 |
| 3IRD9702 | Filter F7 for HRD LITE EC 500          |
| 3IRD9703 | Filter F7 for HRD LITE EC 700          |
| 3IRD9704 | Filter F7 for HRD LITE EC 1000         |
| 3IRD9705 | Filter F7 for HRD LITE EC 1200         |
| 3IRD9706 | Filter F7 for HRD LITE EC 1600         |
| 3IRD9707 | Filter F7 for HRD LITE EC 2500         |
| 3IRD9708 | Filter F7 for HRD LITE EC 2800         |
| 3IRD9709 | Filter F7 for HRD LITE EC 3300         |
| 3IRD9710 | Filter F7 for HRD LITE EC 4000         |
| 3IRD9711 | Filter F8 for HRD LITE EC 500          |
| 3IRD9712 | Filter F8 for HRD LITE EC 700          |
| 3IRD9713 | Filter F8 for HRD LITE EC 1000         |
| 3IRD9714 | Filter F8 for HRD LITE EC 1200         |
| 3IRD9715 | Filter F8 for HRD LITE EC 1600         |
| 3IRD9716 | Filter F8 for HRD LITE EC 2500         |
| 3IRD9717 | Filter F8 for HRD LITE EC 2800         |
| 3IRD9718 | Filter F8 for HRD LITE EC 3300         |
| 3IRD9719 | Filter F8 for HRD LITE EC 4000         |
| 3IRD9720 | Filter F9 for HRD LITE EC 500          |
| 3IRD9721 | Filter F9 for HRD LITE EC 700          |
| 3IRD9722 | Filter F9 for HRD LITE EC 1000         |
| 3IRD9723 | Filter F9 for HRD LITE EC 1200         |
| 3IRD9724 | Filter F9 for HRD LITE EC 1600         |
| 3IRD9725 | Filter F9 for HRD LITE EC 2500         |
| 3IRD9726 | Filter F9 for HRD LITE EC 2800         |
| 3IRD9727 | Filter F9 for HRD LITE EC 3300         |
| 3IRD9728 | Filter F9 for HRD LITE EC 4000         |
| 3IRD9700 | Touch control HRD lite-Tcontroller     |



# INDUSTRIAL

With our Daitsu industrial range, which includes autonomous units, VRF systems, chillers and fan coils, we guarantee robust and efficient air conditioning solutions adapted to the needs of large spaces.



## INDUSTRIAL

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|                           |                 |
|---------------------------|-----------------|
| <b>Autonomous units</b>   | <b>90</b>       |
| COMPACT 3                 | 90              |
| <b>VRF</b>                | <b>92</b>       |
| VRF Micro AOVD            | 94              |
| ACVD Duct                 | 96              |
| ACVD Duct LAP             | 97              |
| AUVD Cassette             | 98              |
| AUVD Cassette Max         | 99              |
| ASVD Premium Wall-Mounted | 100             |
| AVBD 2 Floor-Ceiling      | 101             |
| <b>Chillers</b>           | <b>102</b>      |
| Mini Chiller CRAD 3 KiAWP | 102             |
| Fit Chiller CFAD KiAWP    | 104             |
| Modular Chiller CSAD KSP  | <b>NEW!</b> 106 |
| <b>Fancoils</b>           | <b>108</b>      |
| Fancoil Full Slim Crystal | <b>108</b>      |
| Fancoils Niagara          | <b>110</b>      |

# COMPACT 3



## HIGH-CAPACITY DUCT UNITS

ACD Compact 3 high-capacity ducts have been specially designed for operation through air distribution duct networks, ideal for the air conditioning of large rooms and light commercial spaces. The indoor and outdoor installation provide high levels of efficiency and comfort.

## FEATURES

- Available pressure adjustable up to 250 Pa.
- Easy adjustment of the required static pressure according to the ductwork installed.
- 4 combinations up to 40 kW.
- Permanent magnet inverter compressors with unique noise reduction technology.
- EC fan motor in both outdoor and indoor unit.
- Wide water production range from -15 °C to 43 °C.
- CAN-Bus communication technology.
- Long distance and height of connection piping (50 m and 30 m respectively).
- Debugging software (running status real-time monitor).
- It is possible to control air zoning in duct networks by adapting the Koolnova zone module to cover basic automation and control needs.
- Advanced remote control with stylish display.



| Model                                          |             | ACD UiAT 080 C3  | ACD UiAT 100 C3  | ACD UiAT 110 C3  | ACD UiAT 150 C3            |
|------------------------------------------------|-------------|------------------|------------------|------------------|----------------------------|
| Code                                           |             | 3NDA5835         | 3NDA5840         | 3NDA5845         | 3NDA5850                   |
| Cooling power                                  | kW          | 20               | 25               | 30               | 40                         |
| Heating power                                  | kW          | 22               | 27,5             | 33               | 43                         |
| EER / COP                                      |             | 2,55 / 3,25      | 2,65 / 3,10      | 2,65 / 3,20      | 2,60 / 3,10                |
| Electricity consumption cold / heat            | kW          | 7,80 / 7         | 9,40 / 8,90      | 11,30 / 10,30    | 15,40 / 13,90              |
| Power supply                                   | V / n° / Hz | 400 / 3 / 50     | 400 / 3 / 50     | 400 / 3 / 50     | 400 / 3 / 50               |
| Absorbed intensity cold / heat                 | A           | 16,5 / 15,6      | 18,9 / 17,2      | 22,7 / 20,7      | 27,8 / 26,4                |
| Max. / Min. outdoor cold operating temperature | °C          | -7 / 43          | -7 / 43          | -7 / 43          | -7 / 43                    |
| Max. / Min. outdoor heat operating temperature | °C          | -15 / 24         | -15 / 24         | -15 / 24         | -15 / 24                   |
| Refrigeration connections - Liquid             | Pul.        | 3/8              | 3/8              | 1/2              | 2* (3/8)                   |
| Pipe diameter - Liquid / Gas                   | Pul.        | 3/4              | 7/8              | 1                | 2* (3/4)                   |
| Maximum total / vertical distance permitted    | m           | 50 / 30          | 50 / 30          | 50 / 30          | 50 / 30                    |
| <b>OUTDOOR UNIT</b>                            |             |                  |                  |                  |                            |
| Sound pressure                                 | dB (A)      | 62               | 63               | 65               | 66                         |
| Refrigerant                                    | Type        | R410A            | R410A            | R410A            | R410A                      |
| Refrigerant load                               | Kg          | 6,40             | 8                | 9,50             | 2 * 6,40                   |
| Dimensions Height / Width / Depth              | mm          | 1430 / 940 / 320 | 1615 / 940 / 460 | 1615 / 940 / 460 | 2* 1430 / 2* 940 / 2 * 230 |
| Net weight                                     | Kg          | 120              | 146              | 175              | 2 * 120                    |
| <b>INDOOR UNIT</b>                             |             |                  |                  |                  |                            |
| Air flow rate                                  | m³/h        | 3700             | 4200             | 5200             | 7000                       |
| Nominal static pressure                        | Pa          | 120              | 120              | 120              | 120                        |
| Static pressure range                          | Pa          | 0 ~ 250          | 0 ~ 250          | 0 ~ 250          | 0 ~ 250                    |
| Sound pressure                                 | dB (A)      | 52               | 53               | 55               | 56                         |
| Dimensions Height / Width / Depth              | mm          | 365 / 1460 / 790 | 440 / 1690 / 870 | 440 / 1690 / 870 | 650 / 1680 / 900           |
| Net weight                                     | Kg          | 82               | 99               | 105              | 165                        |

| Accessories      |                                    |
|------------------|------------------------------------|
| <b>3IDA90042</b> | Centralised control VRF CVD 52     |
| <b>3NDA9023</b>  | Modbus Control Gateway ACD Compact |
| <b>3IDA90040</b> | Wired advanced stop controller     |
| <b>3IDA90036</b> | Wired control                      |
| <b>3IDA90034</b> | Wireless control VRF               |

# VRF

## Variable refrigerant flow solution for air-conditioning of offices, medium/large sized residential and light commercial premises.

The Daitsu Micro VRF series allies unobtrusiveness with efficiency thanks to its compact size with just one fan that allows installation in any environment. A versatile solution thanks to the wide range of indoor units and capacities, connecting up to 20 indoor units in a single system, and up to 300 metres of refrigeration tubing. In addition, the Gold Fin protection and the high energy efficiency of the compressor enable optimised use even under extreme conditions.



Robust,  
top quality design.



Compatible with multiple  
indoor units.



Enables up to 20 indoor  
units to be connected  
in a single system.



Touch control remote  
management interface.



Intelligent defrosting.

**A+**

High energy efficiency thanks to  
its Full Inverter technology.



Enables management  
of the system via Modbus.



Low sound level  
for all environments.



Wi-Fi control.

## Key features

NEW!



### VRF Micro AOVD

Micro VRF of 12, 14 and 16 kW with horizontal output and three-phase power supply for confined spaces.

Up to 9 indoor units can be connected, with high energy efficiency and low noise level.

With a maximum installation distance of up to 40 m and 300 m total.



### VRF Micro AOVD Compact

Micro VRF COMPACT single phase 12, 14 and 16 kW with horizontal output.

Enables connection of up to 7 or 9 indoor units, according to the model.

With a maximum installation distance of up to 40 m and 300 m total.



### VRF Micro AOVD Slim

Micro VRF Slim three phase 22, 28 and 33 kW with horizontal output.

Enables connection of up to 13 or 20 indoor units, according to the model.

With a maximum installation distance of up to 50 m and 300 m total.

## APPLICATIONS



# VRF Micro AOVD



The new Daitsu VRF range is high-performance and of compact design. The outdoor units feature Gold Fin protection, high compressor efficiency for high performance even at extreme temperatures of -20 and +52 °C and low noise level. It also has lengths of refrigeration tubing reaching up to 300 metres and connects up to 20 indoor units. Slim outdoor units offer high power and low noise in a compact outdoor unit.

## FEATURES

- Compact outdoor units.
- Up to 20 indoor units.
- Low sound level.
- Highly efficient compressor.
- Broad operating range.
- Energy saving.
- Modbus communication.
- Gold Fin protection.
- Automatic debugging.
- Intelligent defrosting.
- Silent modes.





| Model                               |             | AOVD 108T SLIM         | AOVD 40 COMPACT        | AOVD 40T               | AOVD 45 COMPACT        | AOVD 45T               | AOVD 54 COMPACT        | AOVD 54T               | AOVD 72T SLIM          | AOVD 90T SLIM          |
|-------------------------------------|-------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| Code                                |             | 3IDA00012              | 3IDA00000              | 3IDA00004              | 3IDA00007              | 3IDA00005              | 3IDA00003              | 3IDA00006              | 3IDA00008              | 3IDA00011              |
| Cooling power                       | kW          | 33,5                   | 12,1                   | 12,1                   | 14,1                   | 14                     | 16                     | 16                     | 22,4                   | 28                     |
| Heating power                       | kW          | 33,5                   | 12,1                   | 12,1                   | 14,1                   | 14                     | 16                     | 16                     | 22,4                   | 28                     |
| EER / COP                           |             | 2,60 / 3,20            | 2,35 / 3,53            | 3,30 / 3,85            | 2,50 / 3,39            | 3,11 / 3,79            | 2,90 / 3,79            | 2,90 / 3,76            | 2,57 / 3,87            | 2,15 / 3,50            |
| SEER / SCOP                         |             | 7,16 / 4,69            | 6,11 / 3,87            | 6,70 / 3,97            | 5,85 / 3,74            | 6,88 / 4,24            | 6,96 / 4,04            | 6,96 / 4,04            | 6,85 / 4,27            | 6,36 / 4,68            |
| Power supply                        | V / n° / Hz | 230 / 1 / 50           | 230 / 1 / 50           | 230 / 1 / 50           | 230 / 1 / 50           | 230 / 1 / 50           | 230 / 1 / 50           | 230 / 1 / 50           | 230 / 1 / 50           | 230 / 1 / 50           |
| Electricity consumption cold / heat | kW          | 12,88 / 10,47          | 5,15 / 3,43            | 3,67 / 3,14            | 5,64 / 4,16            | 4,50 / 3,72            | 5,52 / 4,26            | 5,52 / 4,26            | 8,72 / 5,79            | 13,02 / 8              |
| Cold operating range                | °C          | -5 ~+52                | -5 ~+52                | -5 ~+52                | -5 ~+52                | -5 ~+52                | -5 ~+52                | -5 ~+52                | -5 ~+52                | -5 ~+52                |
| Heat operating range                | °C          | -20 ~+27               | -20 ~+27               | -20 ~+27               | -20 ~+27               | -20 ~+27               | -20 ~+27               | -20 ~+27               | -20 ~+27               | -20 ~+27               |
| Refrigerant                         | Type        | R410A                  | R410A                  | R410A                  | R410A                  | R410A                  | R410A                  | R410A                  | R410A                  | R410A                  |
| Refrigerant load                    | Kg          | 8,5                    | 2,3                    | 3,3                    | 3,3                    | 3,3                    | 3,3                    | 3,3                    | 5,5                    | 7,1                    |
| Compressor                          | Type / n°   | DC Inverter rotary / 1 | DC Inverter rotary / 1 | DC Inverter rotary / 1 | DC Inverter rotary / 1 | DC Inverter rotary / 1 | DC Inverter rotary / 1 | DC Inverter rotary / 1 | DC Inverter rotary / 1 | DC Inverter rotary / 1 |
| Fan                                 | n°          | 2                      | 1                      | 2                      | 1                      | 2                      | 2                      | 2                      | 2                      | 2                      |
| Refrigeration connections - Gas     | Pul.        | 1                      | 5/8                    | 5/8                    | 5/8                    | 5/8                    | 3/4                    | 3/4                    | 3/4                    | 7/8                    |
| Refrigeration connections - Liquid  | Pul.        | 1/2                    | 3/8                    | 3/8                    | 3/8                    | 3/8                    | 3/8                    | 3/8                    | 3/8                    | 3/8                    |
| Sound pressure                      | dB (A)      | 60                     | 57                     | 55                     | 58                     | 56                     | 58                     | 58                     | 59                     | 59                     |
| Max. Connectable indoor units       | n°          | 20                     | 7                      | 7                      | 8                      | 8                      | 9                      | 9                      | 13                     | 17                     |
| Max. Vertical distance              | m           | 50                     | 30                     | 40                     | 40                     | 40                     | 40                     | 40                     | 40                     | 50                     |
| Dimensions Height / Width / Depth   | mm          | 1615 / 940 / 460       | 790 / 980 / 360        | 1345 / 900 / 340       | 820 / 940 / 460        | 1345 / 900 / 340       | 1345 / 900 / 340       | 1345 / 900 / 340       | 1430 / 940 / 320       | 1615 / 940 / 460       |
| Gross weight / Net weight           | Kg          | 187 / 174              | 95 / 85                | 133 / 122              | 108 / 98               | 133 / 122              | 123 / 112              | 133 / 122              | 144 / 133              | 175 / 163              |
| Packaging Height / Width / Depth    | mm          | 1765 / 1038 / 578      | 937 / 1129 / 477       | 1500 / 998 / 458       | 973 / 1023 / 563       | 1500 / 998 / 458       | 1500 / 998 / 458       | 1500 / 998 / 458       | 1580 / 1038 / 438      | 1765 / 1038 / 578      |

#### Accessories

|           |                                           |
|-----------|-------------------------------------------|
| 3IDA90027 | Adapter VRF ADV MODBUS E6                 |
| 3IDA90031 | Adapter VRF ADV USB MODBUS                |
| 3NDA90089 | Adapter VRF ADV_GATEWAY_ENERC             |
| 3IDA90102 | Adapter VRF ADV USB                       |
| 3IDA90101 | Adaptor VRF ADV                           |
| 3IDA90091 | ADV C2 Wi-Fi Module for Multi-Hybrid      |
| 3IDA90100 | ADV remote management soft-ware interface |
| 3IDA90042 | Centralised control VRF CVD 52            |
| 3IDA90043 | Centralized control VRF CDV 53            |
| 3IDA90018 | Collector VRF UDV EXT T1                  |
| 3IDA90041 | Control VRF CDV Receiver IR JS            |
| 3IDA90097 | Dry Contact Gateway                       |
| 3NDA90088 | Energy management software                |
| 3IDA90023 | Module UTA UDV DX 56                      |
| 3IDA90024 | Remote management software                |
| 3NDA90011 | Remote management software4               |
| 3IDA90004 | Separator VRF SDV 09                      |
| 3IDA90005 | Separator VRF SDV 10                      |
| 3IDA90006 | Separator VRF SDV 11                      |
| 3IDA90007 | Separator VRF SDV 12                      |
| 3IDA90008 | Separator VRF SDV 13                      |
| 3IDA90016 | Separator VRF SDV EXT 14                  |
| 3IDA90040 | Wired advanced stop controller            |
| 3IDA90036 | Wired control                             |
| 3IDA90039 | Wired control VRF CDV 55                  |
| 3IDA90098 | Wired Control VRF CDV_76                  |
| 3IDA90034 | Wireless control VRF                      |
| 3IDA90035 | Wireless control VRF CDV L1               |

# ACVD Duct

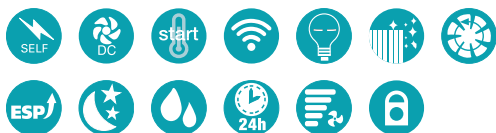


## DUCT-TYPE AIR/AIR INDOOR UNITS FOR CONNECTION TO THE MULTI-HYBRID SYSTEM

Indoor unit BP low-pressure duct type up to 30 or 80 Pa, and high-pressure LAP models available up to 200 Pa. Designed with standard sizes for installation in false ceilings and with the possibility of coupling to a duct or direct drive network.

### FEATURES

- Easily removable synthetic filters for easy washing.
- High-quality fan motor suitable for a wide static pressure range.
- Connection of condensate drainage pipes in different directions, thus facilitating installation.
- The cable control together with these units allows to execute a master/slave connection.
- The cable control allows simultaneous control of the underfloor heating system.
- Cable control included.



## Low-Pressure Duct BP

| Model                                   |             | ACVD07BP        | ACVD09BP        | ACVD12BP        | ACVD14BP         | ACVD18BP2        | ACVD20BP         | ACVD26BP         | ACVD30BP          | ACVD34BP           | ACVD54BP           |
|-----------------------------------------|-------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|-------------------|--------------------|--------------------|
| Code                                    |             | 3IDA10100       | 3IDA10102       | 3IDA10104       | 3IDA10106        | 3IDA10125        | 3IDA10109        | 3IDA10111        | 3IDA10112         | 3IDA10113          | 3IDA10116          |
| Cooling power                           | kW          | 2,20            | 2,8             | 3,6             | 4,5              | 5                | 5,6              | 8                | 9                 | 10                 | 14                 |
| Heating power                           | kW          | 2,5             | 3,2             | 4               | 5                | 5,6              | 6,3              | 9                | 10                | 11,2               | 16                 |
| Power supply                            | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50      | 230 / 1 / 50       | 230 / 1 / 50       |
| Electricity consumption                 | kW          | 0,03            | 0,03            | 0,04            | 0,04             | 0,05             | 0,05             | 0,05             | 0,13              | 0,13               | 0,17               |
| Air flow rate H / M / L                 | m³/h        | 450 / 350 / 200 | 450 / 350 / 200 | 550 / 400 / 300 | 750 / 550 / 400  | 850 / 700 / 550  | 850 / - / -      | 1100 / - / -     | 1500 / 1250 / 900 | 1500 / 1350 / 1000 | 2000 / 1700 / 1400 |
| Absorbed current                        | A           | 0,2             | 0,2             | 0,3             | 0,3              | 0,4              | 0,4              | 0,5              | 0,63              | 0,63               | 0,8                |
| Available pressure                      | Pa          | 15/0-30         | 15/0-30         | 15/0-30         | 15/0-30          | 15/0-30          | 15/0-30          | 50/0-80          | 50/0-80           | 50/0-80            | 50/0-80            |
| Sound pressure                          | dB (A)      | 31              | 31              | 32              | 33               | 35               | -                | -                | 36                | 40                 | 42                 |
| Refrigeration connections - Liquid      | Pul.        | 1/4             | 1/4             | 1/4             | 1/4              | 3/8              | 3/8              | 3/8              | 3/8               | 3/8                | 3/8                |
| Refrigeration connections - Gas         | Pul.        | 3/8             | 3/8             | 1/2             | 1/2              | 5/8              | 5/8              | 5/8              | 5/8               | 5/8                | 5/8                |
| Drainage tube ext. diameter / thickness | mm          | 25 / 2,5        | 25 / 2,5        | 25 / 2,5        | 25 / 2,5         | 25 / 2,5         | 25 / 2,5         | 25 / 2,5         | 25 / 2,5          | 25 / 2,5           | 25 / 2,5           |
| Fans                                    | n°          | 2               | 2               | 2               | 3                | 3                | -                | -                | 3                 | 3                  | 3                  |
| Motor                                   | Type        | DC Inverter     | DC Inverter     | DC Inverter     | DC Inverter      | DC Inverter      | DC Inverter      | DC Inverter      | DC Inverter       | DC Inverter        | DC Inverter        |
| Dimensions Height / Width / Depth       | mm          | 200 / 710 / 462 | 200 / 710 / 462 | 200 / 710 / 462 | 200 / 1010 / 462 | 200 / 1010 / 462 | 200 / 1010 / 462 | 260 / 1200 / 655 | 260 / 1340 / 655  | 260 / 1340 / 655   | 260 / 1340 / 655   |
| Net weight                              | Kg          | 18,5            | 18,5            | 19              | 25               | 25               | 25               | 31               | 45,5              | 45,5               | 46,5               |

## ACVD Duct LAP

| Model                                   |             | ACVD12 LAP      | ACVD14 LAP      | ACVD18 LAP 2     | ACVD24 LAP 2      | ACVD30 LAP 2       | ACVD34 LAP 2       | ACVD36 LAP         | ACVD45 LAP 2       | ACVD54 LAP 2       | ACVD60 LAP 2       |
|-----------------------------------------|-------------|-----------------|-----------------|------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Code                                    |             | 3IDA10004       | 3IDA10006       | 3IDA10118        | 3IDA10119         | 3IDA10120          | 3IDA10121          | 3IDA10014          | 3IDA10122          | 3IDA10123          | 3IDA10124          |
| Cooling power                           | kW          | 3,6             | 4,5             | 5,6              | 7,1               | 9                  | 10                 | 11,2               | 12,5               | 14                 | 16                 |
| Heating power                           | kW          | 4               | 5               | 6,3              | 8                 | 10                 | 11,2               | 12,5               | 14                 | 16                 | 18                 |
| Power supply                            | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50     | 230 / 1 / 50      | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       |
| Electricity consumption                 | kW          | 0,06            | 0,08            | 0,09             | 0,1               | 0,14               | 0,14               | 0,16               | 0,16               | 0,22               | 0,23               |
| Air flow rate H / M / L                 | m³/h        | 600 / 500 / 420 | 850 / 700 / 600 | 1000 / 800 / 700 | 1250 / 1050 / 950 | 1800 / 1450 / 1250 | 1800 / 1450 / 1250 | 2000 / 1600 / 1400 | 2000 / 1600 / 1400 | 2350 / 1900 / 1650 | 2500 / 2000 / 1750 |
| Absorbed current                        | A           | 0,3             | 0,4             | 0,4              | 0,5               | 0,6                | 0,6                | 0,7                | 0,7                | 1                  | 1                  |
| Available pressure                      | Pa          | 60/0-150        | 60/0-150        | 90/0-200         | 90/0-200          | 90/0-200           | 90/0-200           | 90/0-200           | 90/0-200           | 90/0-200           | 90/0-200           |
| Sound pressure H / M / L                | dB (A)      | - / 33 / -      | - / 36 / -      | 37 / 35 / 33     | 38 / 36 / 34      | 40 / 37 / 35       | 40 / 37 / 35       | - / 38 / -         | 40 / 38 / 36       | 42 / 39 / 37       | 44 / 41 / 38       |
| Refrigeration connections - Liquid      | Pul.        | 1/4             | 1/4             | 3/8              | 3/8               | 3/8                | 3/8                | 3/8                | 3/8                | 3/8                | 3/8                |
| Refrigeration connections - Gas         | Pul.        | 1/2             | 1/2             | 5/8              | 5/8               | 5/8                | 5/8                | 5/8                | 5/8                | 5/8                | 3/4                |
| Drainage tube ext. diameter / thickness | mm          | 25 / 2,5        | 25 / 2,5        | 25 / 2,5         | 25 / 2,5          | 25 / 2,5           | 25 / 2,5           | 25 / 2,5           | 25 / 2,5           | 25 / 2,5           | 25 / 2,5           |
| Fans                                    | n°          | 1               | 1               | 2                | 2                 | 3                  | 3                  | 3                  | 3                  | 3                  | 3                  |
| Motor                                   | Type        | DC Inverter     | DC Inverter     | DC Inverter      | DC Inverter       | DC Inverter        | DC Inverter        | DC Inverter        | DC Inverter        | DC Inverter        | DC Inverter        |
| Dimensions Height / Width / Depth       | mm          | 300 / 700 / 700 | 300 / 700 / 700 | 300 / 1000 / 700 | 300 / 1000 / 700  | 300 / 1400 / 700   | 300 / 1400 / 700   | 300 / 1400 / 700   | 300 / 1400 / 700   | 300 / 1400 / 700   | 300 / 1400 / 700   |
| Net weight                              | Kg          | 32              | 34              | 43               | 43                | 57                 | 57                 | 57                 | 57                 | 58                 | 58                 |

### Accessories

|                  |                                      |
|------------------|--------------------------------------|
| <b>3IDA90091</b> | ADV C2 Wi-Fi Module for Multi-Hybrid |
| <b>3IDA90042</b> | Centralised control VRF CVD 52       |
| <b>3IDA90139</b> | Centralized control CDV 58           |
| <b>3IDA90097</b> | Dry Contact Gateway                  |
| <b>3IDA90040</b> | Wired advanced stop controller       |
| <b>3IDA90036</b> | Wired control                        |
| <b>3IDA90039</b> | Wired control VRF CDV 55             |
| <b>3IDA90034</b> | Wireless control VRF                 |
| <b>3IDA90035</b> | Wireless control VRF CDV L1          |

# AUVD Cassette



## INDOOR AIR/AIR CASSETTE UNITS FOR CONNECTION TO THE MULTI-HYBRID SYSTEM

8-way circular flow cassette indoor unit with 4 standard air outlets and 4 additional air outlets in the corners, allowing 360° coverage.

A comprehensive range with compact dimensions of 57×57(62×62 with panel) or the MAX range with dimensions of 84×84 (95×95 with panel), to adapt perfectly to the installation needs.

### FEATURES

- 360° air outlet.
- 4 lateral lines and 4 corner lines.
- Easy to install and handle thanks to its low weight.
- They include an internally mounted condensate pump for easy maintenance and to reduce installation time.
- The connection of the drain lines can be carried out in different directions, thus facilitating installation.
- Different operating methods, with low sound emission.
- Wireless control included.

## THE NEW MAX 2 SERIES INCLUDES

- New fan blades and redesigned electronics layout, allowing greater airflow (capacity) and reducing noise levels.
- New casing design that is both more aesthetic and more durable.
- Multi-speed EC motor.
- Air purification function (removes PM2.5 particles and formaldehyde).
- New condensate pump with increased lift height (1200 mm) and reduced noise level.



## AUVD Cassette

| Model                                   |             | AUVD 09          | AUVD 12          | AUVD 14          | AUVD 18          |
|-----------------------------------------|-------------|------------------|------------------|------------------|------------------|
| Code                                    |             | 3IDA11035        | 3IDA11000        | 3IDA11005        | 3IDA11015        |
| Cooling power                           | kW          | 2,8              | 3,6              | 4,5              | 5,6              |
| Heating power                           | kW          | 3,2              | 4,0              | 5,0              | 6,3              |
| Power supply                            | V / n° / Hz | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     |
| Electricity consumption                 | kW          | 0,03             | 0,03             | 0,045            | 0,045            |
| Air flow rate H / M / L                 | m³/h        | 570 / 480 / 420  | 620 / 550 / 480  | 730 / 650 / 560  | 730 / 650 / 560  |
| Absorbed current                        | A           | 0,15             | 0,15             | 0,23             | 0,23             |
| Sound pressure H / M / L                | dB (A)      | 36 / 33 / 28     | 39 / 37 / 35     | 43 / 41 / 39     | 43 / 41 / 39     |
| Refrigeration connections - Liquid      | Pul.        | 1/4              | 1/4              | 1/4              | 3/8              |
| Refrigeration connections - Gas         | Pul.        | 3/8              | 1/2              | 1/2              | 5/8              |
| Drainage tube ext. diameter / thickness | mm          | 25 / 2,5         | 25 / 2,5         | 25 / 2,5         | 25 / 2,5         |
| Fans                                    | n°          | 1                | 1                | 1                | 1                |
| Fan speeds                              | n°          | 3                | 3                | 3                | 3                |
| Motor                                   | Type        | DC Inverter      | DC Inverter      | DC Inverter      | DC Inverter      |
| Dimensions Height / Width / Depth       | mm          | 265 / 570 / 570  | 265 / 570 / 570  | 265 / 570 / 570  | 265 / 570 / 570  |
| Dimensions Panel Height / Width / Depth | mm          | 47,5 / 620 / 620 | 47,5 / 620 / 620 | 47,5 / 620 / 620 | 47,5 / 620 / 620 |
| Net weight                              | Kg          | 17,5             | 17,5             | 17,5             | 17,5             |
| Panel net weight                        | Kg          | 3                | 3                | 3                | 3                |

## AUVD Cassette Max

| Model                                   |             | AUVD 24 MAX      | AUVD 30 MAX       | AUVD 36 MAX        | AUVD 45 MAX        | AUVD 54 MAX        |
|-----------------------------------------|-------------|------------------|-------------------|--------------------|--------------------|--------------------|
| Code                                    |             | 3IDA11435        | 3IDA11445         | 3IDA11455          | 3IDA11460          | 3IDA11465          |
| Cooling power                           | kW          | 7,1              | 9                 | 11,2               | 12,5               | 14                 |
| Heating power                           | kW          | 8                | 10                | 12,5               | 14                 | 16                 |
| Power supply                            | V / n° / Hz | 230 / 1 / 50     | 230 / 1 / 50      | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       |
| Electricity consumption                 | kW          | 0,06             | 0,085             | 0,115              | 0,115              | 0,115              |
| Air flow rate H / M / L                 | m³/h        | 1100 / 935 / 850 | 1400 / 1000 / 900 | 1550 / 1200 / 1000 | 1800 / 1450 / 1150 | 1800 / 1450 / 1150 |
| Absorbed current                        | A           | 0,4              | 0,4               | 0,6                | 0,6                | 0,6                |
| Sound pressure H / M / L                | dB (A)      | 37 / 34 / 31     | 39 / 37 / 34      | 43 / 41 / 39       | 43 / 41 / 39       | 43 / 41 / 39       |
| Refrigeration connections - Liquid      | Pul.        | 3/8              | 3/8               | 3/8                | 3/8                | 3/8                |
| Refrigeration connections - Gas         | Pul.        | 5/8              | 5/8               | 5/8                | 5/8                | 5/8                |
| Drainage tube ext. diameter / thickness | mm          | 25 / 2,5         | 25 / 2,5          | 25 / 2,5           | 25 / 2,5           | 25 / 2,5           |
| Fans                                    | n°          | 1                | 1                 | 1                  | 1                  | 1                  |
| Fan speeds                              | n°          | 3                | 3                 | 3                  | 3                  | 3                  |
| Motor                                   | Type        | DC Inverter      | DC Inverter       | DC Inverter        | DC Inverter        | DC Inverter        |
| Dimensions Height / Width / Depth       | mm          | 240 / 840 / 840  | 240 / 840 / 840   | 290 / 840 / 840    | 290 / 840 / 840    | 290 / 840 / 840    |
| Dimensions Panel Height / Width / Depth | mm          | 65 / 950 / 950   | 65 / 950 / 950    | 65 / 950 / 950     | 65 / 950 / 950     | 65 / 950 / 950     |
| Net weight                              | Kg          | 28               | 29                | 33                 | 33                 | 33                 |
| Panel net weight                        | Kg          | 6                | 6                 | 6                  | 6                  | 6                  |

### Accessories

|                           |                                      |
|---------------------------|--------------------------------------|
| <a href="#">3IDA90091</a> | ADV C2 Wi-Fi Module for Multi-Hybrid |
| <a href="#">3IDA90042</a> | Centralised control VRF CVD 52       |
| <a href="#">3IDA90139</a> | Centralized control CDV 58           |
| <a href="#">3IDA90097</a> | Dry Contact Gateway                  |
| <a href="#">3IDA90040</a> | Wired advanced stop controller       |
| <a href="#">3IDA90036</a> | Wired control                        |
| <a href="#">3IDA90039</a> | Wired control VRF CDV 55             |
| <a href="#">3IDA90034</a> | Wireless control VRF                 |
| <a href="#">3IDA90035</a> | Wireless control VRF CDV L1          |

# ASVD Premium Wall-Mounted



## WALL-MOUNTED AIR/AIR INDOOR UNITS FOR CONNECTION TO THE MULTI-HYBRID SYSTEM

Wall-mounted indoor unit for wall installation, with compact dimensions, modern design and smooth lines to adapt to any space.

### FEATURES

- They come standard with synthetic filters that are easy to remove and can be easily washed.
- Silent operation possible.
- Compact dimensions to suit interior spaces with avant-garde design.
- X-Fan self-cleaning operation possible.
- Pre-heating function allows the units to be programmed to guarantee a minimum temperature of 10 °C in the different rooms.
- Homogeneous air distribution through automatic blade oscillation.
- Wireless control included.



| Model                                   |             | ASVD 09         | ASVD 12         | ASVD 14         | ASVD 18          | ASVD 24          |
|-----------------------------------------|-------------|-----------------|-----------------|-----------------|------------------|------------------|
| Code                                    |             | 3IDA12001       | 3IDA12002       | 3IDA12003       | 3IDA12005        | 3IDA12007        |
| Cooling power                           | kW          | 2,8             | 3,6             | 4,5             | 5,6              | 7,1              |
| Heating power                           | kW          | 3,2             | 4               | 5               | 6,3              | 7,5              |
| Power supply                            | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50     | 230 / 1 / 50     |
| Electricity consumption                 | kW          | 0,02            | 0,025           | 0,035           | 0,05             | 0,065            |
| Air flow rate H / M / L                 | m³/h        | 500 / 440 / 300 | 630 / 460 / 320 | 850 / 580 / 500 | 1100 / 850 / 650 | 1200 / 850 / 650 |
| Absorbed current                        | A           | 0,10            | 0,12            | 0,17            | 0,24             | 0,31             |
| Sound pressure H / M / L                | dB (A)      | 35 / 33 / 30    | 38 / 35 / 31    | 43 / 40 / 37    | 43 / 41 / 37     | 44 / 41 / 37     |
| Drainage tube ext. diameter / thickness | mm          | 20 / 1,5        | 20 / 1,5        | 20 / 1,5        | 30 / 1,5         | 30 / 1,5         |
| Dimensions Height / Width / Depth       | mm          | 209 / 845 / 289 | 209 / 845 / 289 | 224 / 970 / 300 | 246 / 1078 / 325 | 246 / 1078 / 325 |
| Net weight                              | Kg          | 10,5            | 10,5            | 12,5            | 16               | 16               |

### Accessories

|           |                                      |
|-----------|--------------------------------------|
| 3IDA90091 | ADV C2 Wi-Fi Module for Multi-Hybrid |
| 3IDA90042 | Centralised control VRF CVD 52       |
| 3IDA90139 | Centralized control CDV 58           |
| 3IDA90097 | Dry Contact Gateway                  |
| 3IDA90040 | Wired advanced stop controller       |
| 3IDA90036 | Wired control                        |
| 3IDA90039 | Wired control VRF CDV 55             |
| 3IDA90034 | Wireless control VRF                 |
| 3IDA90035 | Wireless control VRF CDV L1          |



# AVBD 2 Floor-Ceiling



## FLOOR AND FLOOR-CEILING INDOOR UNITS FOR CONNECTION TO MULTI-HYBRID SYSTEM

ABVD 2 floor and floor-ceiling indoor unit for residential and service sector installation due to airflow. Versatile units that allow installation in any room, adapting to the user's needs.

### FEATURES

- They come standard with synthetic filters that are easy to remove and can be easily washed.
- Silent operation possible.
- Compact dimensions to suit all types of interior spaces.
- Homogeneous air distribution through automatic blade oscillation.
- The ABVD models have maximum flexibility in the placement or positioning of the drain tray, allowing the same unit to be installed either vertically or horizontally
- Wireless control included.
- The wired control together with these units allows a master/slave connection and also the simultaneous control of the radiant floor.

| Model                              |             | DVB 2 09        | DVB 2 12        | DVB 2 24           | DVB 2 36           | DVB 2 45           | DVB 2 54           |
|------------------------------------|-------------|-----------------|-----------------|--------------------|--------------------|--------------------|--------------------|
| Code                               |             | 3IDA12409       | 3IDA12410       | 3IDA12413          | 3IDA12415          | 3IDA12416          | 3IDA12417          |
| Cooling power                      | kW          | 2,80            | 3,60            | 7,10               | 11,20              | 12,50              | 14,00              |
| Heating power                      | kW          | 3,2             | 4,0             | 8,0                | 12,50              | 14,0               | 16,0               |
| Power supply                       | V / n° / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       | 230 / 1 / 50       |
| Absorbed current                   | A           | 0,2             | 0,2             | 0,4                | 0,7                | 0,7                | 0,8                |
| Air flow rate H / M / L            | m³/h        | 600 / 500 / 450 | 600 / 500 / 450 | 1350 / 1200 / 1050 | 1800 / 1600 / 1400 | 1800 / 1600 / 1400 | 2000 / 1750 / 1600 |
| Sound pressure H / M / L           | dB (A)      | 36 / 32 / 29    | 36 / 32 / 29    | 44 / 41 / 38       | 47 / 44 / 42       | 47 / 44 / 42       | 49 / 45 / 43       |
| Fan speeds                         | n°          | 3               | 3               | 3                  | 3                  | 3                  | 3                  |
| Refrigeration connections - Liquid | Pul.        | 1/4             | 1/4             | 3/8                | 3/8                | 3/8                | 3/8                |
| Refrigeration connections - Gas    | Pul.        | 3/8             | 1/2             | 5/8                | 5/8                | 5/8                | 5/8                |
| Dimensions Height / Width / Depth  | mm          | 665 / 870 / 235 | 665 / 870 / 235 | 665 / 1200 / 235   | 665 / 1570 / 235   | 665 / 1570 / 235   | 665 / 1570 / 235   |
| Net weight                         | Kg          | 24              | 24              | 32                 | 41                 | 41                 | 43                 |

### Accessories

|           |                                      |
|-----------|--------------------------------------|
| 3IDA90091 | ADV C2 Wi-Fi Module for Multi-Hybrid |
| 3IDA90139 | Centralized control CDV 58           |
| 3IDA90097 | Dry Contact Gateway                  |
| 3IDA90040 | Wired advanced stop controller       |
| 3IDA90036 | Wired control                        |
| 3IDA90034 | Wireless control VRF                 |
| 3IDA90035 | Wireless control VRF CDV L1          |

# Mini Chiller CRAD 3 KiAWP



## MINI CHILLER INVERTER

Daitsu's new air/water inverter mini chillers operate with R-32 refrigerant gas for A+++ maximum energy efficiency. Thanks to its compact design in all power ratings, from 5 kW to 16 kW, it can be installed in any space. In addition, they include the hydronics module integrated inside the unit, for connection to fancoils, radiant floor or other residential, light commercial and small process applications.

## FEATURES

- Twin rotary DC inverter compressor.
- Electronic expansion valve.
- EC fan motor.
- Class A hydraulic pump.
- Multiple climatic curves selection.
- Wide range of water production from 5 °C to 65 °C and outdoor operating temperature from -25 °C to 43 °C.
- Possible to install remote control up to 50 metres away.
- Modbus RTU control included.

## WI-FI CONTROL INCLUDED

The indoor unit can be controlled from any location via Smartphone or Tablet using the **iLetComfort app**.



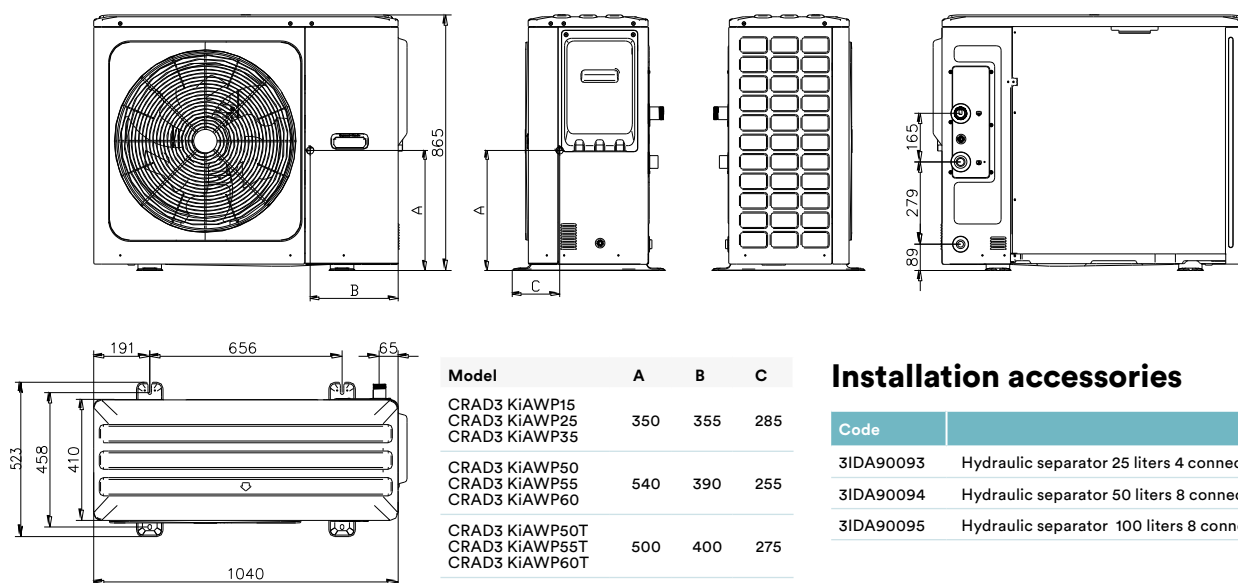


REFRIGERANT  
**R32 inverter A<sup>+</sup>**



| Model                             |             | CRAD3<br>KiAWP 15          | CRAD3<br>KiAWP 25          | CRAD3<br>KiAWP 35          | CRAD3<br>KiAWP 50          | CRAD3<br>KiAWP 55 T        | CRAD3<br>KiAWP 60          | CRAD3<br>KiAWP 60T         |
|-----------------------------------|-------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|
| Code                              |             | 3ICD3027                   | 3ICD3028                   | 3ICD3029                   | 3ICD3030                   | 3ICD3034                   | 3ICD3032                   | 3ICD3035                   |
| Cooling power                     |             | 5,5                        | 7,4                        | 9                          | 11,6                       | 13,4                       | 14                         | 14                         |
| Heating power                     | kW          | 6,6                        | 8,5                        | 10,2                       | 12,5                       | 14,5                       | 16,2                       | 16,2                       |
| EER 35°C Air / 12-7°C Water       |             | 3,25                       | 3,15                       | 2,90                       | 3,10                       | 2,93                       | 2,90                       | 2,90                       |
| COP 7°C Air / 40-45°C Water       |             | 4,00                       | 3,80                       | 3,65                       | 3,70                       | 3,55                       | 3,45                       | 3,45                       |
| SEER water 7°C                    |             | 5,09                       | 5,19                       | 5,08                       | 5,07                       | 5,12                       | 5,11                       | 5,14                       |
| SCOP water 35°C                   |             | 6,78                       | 6,94                       | 7,05                       | 6,63                       | 6,59                       | 6,46                       | 6,46                       |
| Energy class 35°C                 | °C          | A+++                       | A+++                       | A+++                       | A+++                       | A+++                       | A+++                       | A+++                       |
| Power supply                      | V / n° / Hz | 230 / 1 / 50               | 230 / 1 / 50               | 230 / 1 / 50               | 230 / 1 / 50               | 400 / 3 / 50               | 230 / 1 / 50               | 400 / 3 / 50               |
| Maximum current                   | A           | 13                         | 14,50                      | 16                         | 25                         | 10,50                      | 28                         | 11,50                      |
| Communication cable               | n° x s      | 2 x 0,75 mm2<br>apant.     | 2 x 0,75 mm2<br>apant.     | 2 x 0,75 mm2<br>apant.     | 2 x 0,75 mm2<br>apant.     | 2 x 0,75 mm2<br>apant.     | 2 x 0,75 mm2<br>apant.     | 2 x 0,75 mm2<br>apant.     |
| Compressor                        | Type        | Twin Rotary DC<br>inverter | Twin Rotary DC<br>inverter | Twin Rotary DC<br>inverter | Twin Rotary DC<br>inverter | Twin Rotary DC<br>inverter | Twin Rotary DC<br>inverter | Twin Rotary DC<br>inverter |
| Refrigerant                       | Type        | R32                        | R32                        | R32                        | R32                        | R32                        | R32                        | R32                        |
| Refrigerant load                  | Kg          | 1,25                       | 1,25                       | 1,25                       | 1,80                       | 1,80                       | 1,80                       | 1,80                       |
| Water flow rate                   | m³/h        | 1,12                       | 1,44                       | 1,72                       | 2,10                       | 2,43                       | 2,75                       | 2,75                       |
| Pump available pressure           | kPa         | 9                          | 9                          | 9                          | 9                          | 9                          | 9                          | 9                          |
| Input connections                 | Pul.        | 1                          | 1                          | 1                          | 1 1/4                      | 1 1/4                      | 1 1/4                      | 1 1/4                      |
| Output connections                | Pul.        | 1                          | 1                          | 1                          | 1 1/4                      | 1 1/4                      | 1 1/4                      | 1 1/4                      |
| Expansion vessel capacity         | l           | 5                          | 5                          | 5                          | 5                          | 5                          | 5                          | 5                          |
| Safety valve setting              | bar         | 3                          | 3                          | 3                          | 3                          | 3                          | 3                          | 3                          |
| Flow switch setting               | m³/h        | 0,36                       | 0,36                       | 0,36                       | 0,60                       | 0,60                       | 0,60                       | 0,60                       |
| Sound pressure                    | dB (A)      | 51                         | 53                         | 56                         | 58                         | 59                         | 57                         | 59                         |
| Sound power                       | dB (A)      | 64                         | 66                         | 68                         | 74                         | 74                         | 74                         | 74                         |
| Cold operating range              | °C          | -5 ~ +43                   | -5 ~ +43                   | -5 ~ +43                   | -5 ~ +43                   | -5 ~ +43                   | -5 ~ +43                   | -5 ~ +43                   |
| Heat operating range              | °C          | -25 ~ +35                  | -25 ~ +35                  | -25 ~ +35                  | -25 ~ +35                  | -25 ~ +35                  | -25 ~ +35                  | -25 ~ +35                  |
| Cold water output temperature     | °C          | 5 ~ 25                     | 5 ~ 25                     | 5 ~ 25                     | 5 ~ 25                     | 5 ~ 25                     | 5 ~ 25                     | 5 ~ 25                     |
| Heat water output temperature     | °C          | 25 ~ 65                    | 25 ~ 65                    | 25 ~ 65                    | 25 ~ 65                    | 25 ~ 65                    | 25 ~ 65                    | 25 ~ 65                    |
| Dimensions Height / Width / Depth | mm          | 1040 / 865<br>/ 410        | 1040 / 865<br>/ 410        | 1040 / 865<br>/ 410        | 1040 / 865<br>/ 410        | 1040 / 865<br>/ 410        | 1040 / 865<br>/ 410        | 1040 / 865<br>/ 410        |
| Net weight                        | Kg          | 103                        | 103                        | 103                        | 122                        | 136                        | 122                        | 136                        |

## Dimensions



## Installation accessories

| Code      |                                              |
|-----------|----------------------------------------------|
| 3IDA90093 | Hydraulic separator 25 liters 4 connections  |
| 3IDA90094 | Hydraulic separator 50 liters 8 connections  |
| 3IDA90095 | Hydraulic separator 100 liters 8 connections |

# Fit Chiller CFAD KiAWP



## COMPACT FIT CHILLERS

The new range of medium power air-to-water inverter water chillers has a wide power range from 18 kW to 30 kW, in dual fan format with horizontal airflow. Their compact design includes the hydraulic pump integrated inside the unit, for connection to fancoils, radiating floor or other residential, light commercial and small process applications. A unit with maximum energy efficiency A+++ and low GWP R-32 refrigerant gas.

## FEATURES

- Twin rotary DC Inverter compressor.
- Electronic expansion valve.
- Brushless DC fan motor.
- Class A hydraulic pump.
- Optimised plate heat exchanger.
- Broad water production range from 5 °C to 60 °C.
- Exterior operating temperature from -25 °C up to 46 °C.
- Possible to install remote control up to 50 metres away.

- Possible to select climate curves, as well as to display all equipment parameters with the new control.
- Possible to operate up to 16 units connected in parallel with the same control logic.
- Modbus RTU control included.

## WI-FI CONTROL INCLUDED

The indoor unit can be controlled from any location via Smartphone or Tablet using the iLetComfort app.

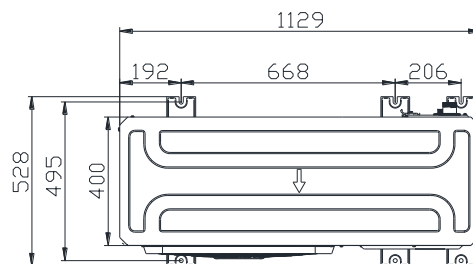
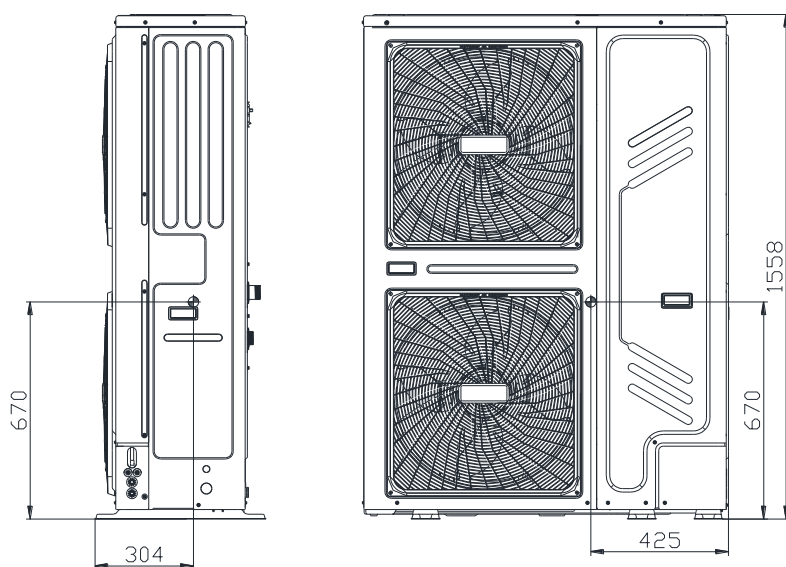




inverter **A<sup>+++</sup>**

| Model                                |             | CFAD KIAWP 080 PS       | CFAD KIAWP 100 PS       |
|--------------------------------------|-------------|-------------------------|-------------------------|
| Code                                 |             | 3ICD4041                | 3ICD4043                |
| Cooling power                        |             | 21                      | 29,5                    |
| Heating power                        | kW          | 22                      | 30                      |
| EER 35°C Air / 12-7°C Water          |             | 4,60                    | 4,00                    |
| COP 7°C Air / 40-45°C Water          |             | 4,40                    | 3,91                    |
| SEER water 7°C                       |             | 4,70                    | 4,49                    |
| SCOP water 35°C                      |             | 4,53                    | 4,20                    |
| Seasonal performance in heating (ηs) |             | 126%                    | 123%                    |
| Energy class 35°C                    | °C          | A+++                    | A++                     |
| Power supply                         | V / n° / Hz | 400 / 3 / 50            | 400 / 3 / 50            |
| Maximum current                      | A           | 20                      | 27                      |
| Compressor                           | Type        | Twin Rotary DC inverter | Twin Rotary DC inverter |
| Refrigerant                          | Type        | R32                     | R32                     |
| Refrigerant load                     | Kg          | 5,0                     | 5,0                     |
| Water flow rate                      | m³/h        | 3,78                    | 5,18                    |
| Pump available pressure              | kPa         | 100                     | 100                     |
| Input connections                    | Pul.        | 11/4                    | 11/4                    |
| Output connections                   | Pul.        | 11/4                    | 11/4                    |
| Sound pressure                       | dB (A)      | 59,80                   | 63,50                   |
| Sound power                          | dB (A)      | 73                      | 77                      |
| Cold operating range                 | °C          | -5 ~ +46                | -5 ~ +46                |
| Heat operating range                 | °C          | -25 ~ +35               | -25 ~ +35               |
| Cold water output temperature        | °C          | -5 ~ +25                | -5 ~ +25                |
| Heat water output temperature        | °C          | +25 ~ +60               | +25 ~ +60               |
| Dimensions Height / Width / Depth    | mm          | 1558 / 1129 / 528       | 1558 / 1129 / 528       |
| Net weight                           | Kg          | 177                     | 177                     |

## Dimensions



## Installation accessories

| Code      |                                               |
|-----------|-----------------------------------------------|
| 3IDA90095 | Hydraulic separator 100 liters 8 connections* |
| 3IDA40023 | Aquatank WITD HP 500L Storage Tank            |
| 3IDA40024 | Aquatank WITD HP 800L Storage Tank            |
| 3IDA40025 | Aquatank WITD HP 1000L Storage Tank           |

\* Only for models CFAD KIAWP70 PS and CFAD KIAWP80 PS

# Modular Chiller CSAD KSP NEW!



## MODULAR CHILLER

Daitsu Modular Chiller is the range of modular water chillers from 75 to 138 kW of power that allow you to combine up to 16 units connected in parallel with the same control logic.

Thanks to their inverter and compressor motor and the use of low-GWP R-32 refrigerant gas, they achieve A+++ energy efficiency.

## FEATURES

- Scroll Inverter EVI Compressors.
- Electronic expansion valve.
- Brushless DC fan motor.
- Optimised plate heat exchanger.
- Reduced footprint design on all models.
- Broad water production range from 0 °C to 65 °C.
- Outdoor operating temperature from -25 °C up to 48 °C.
- Possible to install remote control up to 50 metres away.
- Modbus RTU control included.
- Incorporates “Silent” mode to reduce the sound level with time scheduling.
- Possible to select the generated power limit, electronically limiting the maximum power of the unit.
- Hydraulic system included.



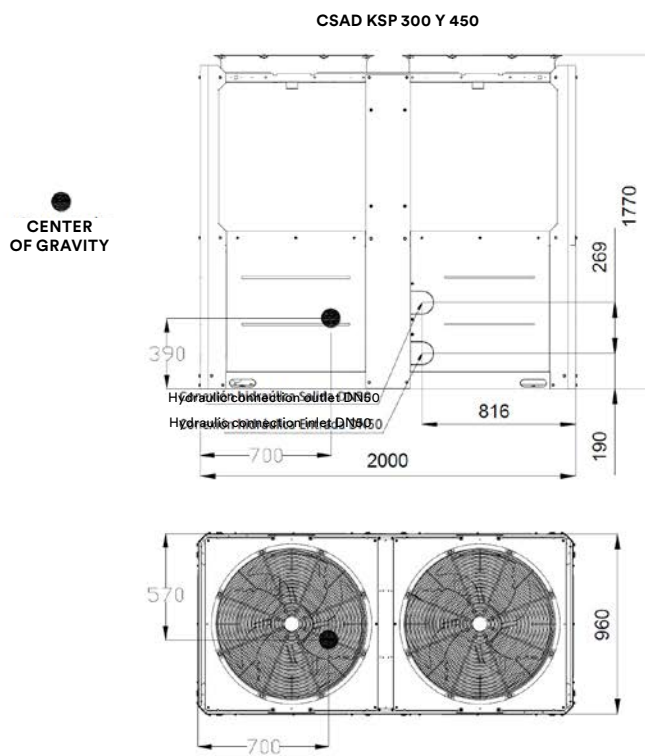
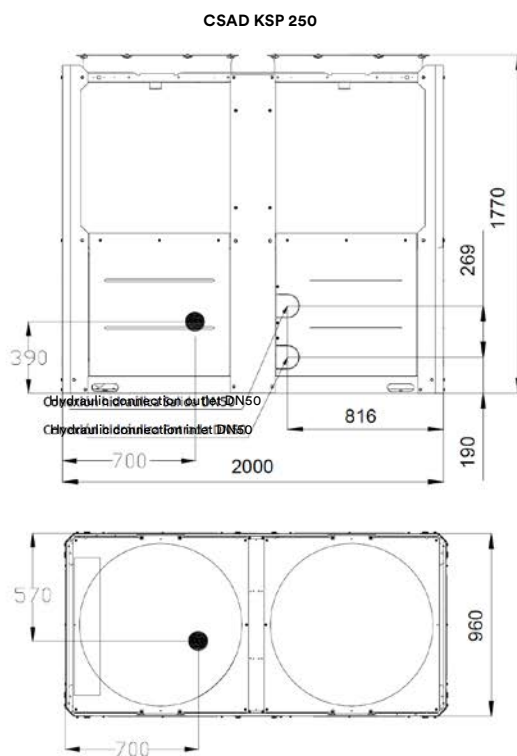


REFRIGERANT  
**R32**   **Modbus**

**inverter** 

| Model                             |             | CSAD KSP 250      | CSAD KSP 300       | CSAD KSP 450       |
|-----------------------------------|-------------|-------------------|--------------------|--------------------|
| Code                              |             | 3ICD4047          | 3ICD4048           | 3ICD4049           |
| Cooling power                     |             | 69,3              | 99,3               | 129,3              |
| Heating power                     | kW          | 77,7              | 113,1              | 143                |
| EER 35°C Air / 12-7°C Water       |             | 2,45              | 2,91               | 2,49               |
| COP 7°C Air / 40-45°C Water       |             | 3,59              | 3,97               | 3,53               |
| SEER water 7°C                    |             | 4,85              | 4,78               | 4,77               |
| SCOP water 35°C                   |             | 4,47              | 4,23               | 4,23               |
| Energy class 35°C                 | °C          | A+++              | A+++               | A+++               |
| Power supply                      | V / n° / Hz | 400 / 3 / 50      | 400 / 3 / 50       | 400 / 3 / 50       |
| Maximum current                   | A           | 54                | 106                | 106                |
| Compressor                        | Type        | DC inverter EVI   | DC inverter EVI    | DC inverter EVI    |
| Refrigerant                       | Type        | R32               | R32                | R32                |
| Refrigerant load                  | Kg          | 9                 | 15,5               | 15,5               |
| Water flow rate                   | m³/h        | 12,04             | 17,2               | 22,36              |
| Pump available pressure           | kPa         | 17,3              | 18                 | 11,7               |
| Input connections                 | Pul.        | DN 50             | DN 65              | DN 65              |
| Output connections                | Pul.        | DN 50             | DN 65              | DN 65              |
| Expansion vessel capacity         | l           | 12                | 12                 | 22                 |
| Sound pressure                    | dB (A)      | 69                | 64                 | 73                 |
| Sound power                       | dB (A)      | 86                | 80                 | 92                 |
| Cold operating range              | °C          | -15 ~ +48         | -15 ~ +48          | -15 ~ +48          |
| Heat operating range              | °C          | -25 ~ +43         | -25 ~ +43          | -25 ~ +43          |
| Cold water output temperature     | °C          | 0 to 20           | 0 to 20            | 0 to 20            |
| Heat water output temperature     | °C          | 25 to 65          | 25 to 65           | 25 to 65           |
| Dimensions Height / Width / Depth | mm          | 1770 / 2000 / 960 | 2220 / 2300 / 1135 | 2220 / 2300 / 1135 |
| Net weight                        | Kg          | 475               | 746                | 746                |

## Dimensions



# AGFD Full Slim EC / Full Slim Crystal EC Floor



Ultra-compact fan coils featuring a brushless EC INVERTER cross-flow fan motor with stepless speed modulation, which along with the revolutionary wind-guiding technology maximise the air flow with a minimum sound level. In addition to ensuring thermal comfort levels, they significantly improve indoor air quality.

ABFD and AGFD FULL SLIM units have built-in control panels for the different functions as standard, but can also be controlled by external universal thermostats.

The ABFD FULL SLIM versions are housed in pre-painted galvanised sheet metal with easily removable front panel, removable and washable filter and condensate tray.

The very attractive AGFD FULL SLIM CRYSTAL units feature a heavy-duty glass front panel in white or black glass according to choice. They also include touch control with latest-generation display.

## FEATURES

- Prepainted galvanised sheet metal structure with easily removable front panel, removable and washable filter and condensate tray.
- Fan motor, filter and heat exchanger easily removable without disconnecting the unit for easy maintenance.
- Standard hydraulic connections for easy connection of external valves.
- Interchangeable air return in vertical or horizontal position.
- Wireless control included.
- 3-way valve and hoses not included.



## AGFD Full Slim EC

| Model                                       |              | ABFD 0200       | ABFD 0300       | ABFD 0600        | ABFD 0800        | ABFD 1000        |
|---------------------------------------------|--------------|-----------------|-----------------|------------------|------------------|------------------|
| Code                                        |              | 3IDA32400       | 3IDA32401       | 3IDA32402        | 3IDA32403        | 3IDA32404        |
| Cooling power                               | kW           | 0.9             | 1.8             | 2.5              | 3.4              | 4.38             |
| Heating power                               | kW           | 1.25            | 2.3             | 3.3              | 3.8              | 4.9              |
| Maximum air flow rate                       | m³/h         | 160             | 310             | 430              | 520              | 690              |
| Water flow rate cold / heat                 | l/h          | 160 / 230       | 310 / 430       | 430 / 580        | 520 / 740        | 750 / 890        |
| Hydraulic pressure drop cold / heat         | kPa          | 12 / 10.8       | 15 / 13.1       | 18 / 17.5        | 24 / 24.9        | 36 / 38.5        |
| Power supply                                | V / no. / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     |
| Maximum consumption                         | W            | 13              | 19              | 22               | 24               | 28               |
| Max. output sound pressure                  | dB (A)       | 40              | 44              | 46               | 47               | 48               |
| Diameter of main coil hydraulic connections | Inches       | 3/4             | 3/4             | 3/4              | 3/4              | 3/4              |
| Dimensions Height / Width / Depth           | mm           | 670 / 700 / 130 | 670 / 900 / 130 | 670 / 1100 / 130 | 670 / 1300 / 130 | 670 / 1500 / 130 |
| Net weight                                  | Kg           | 16              | 20              | 24               | 28               | 33               |



## Full Slim Crystal EC

| Model                                    |              | AGFD 0200       | AGFD 0300       | AGFD 0600        | AGFD 0800        | AGFD 1000        |
|------------------------------------------|--------------|-----------------|-----------------|------------------|------------------|------------------|
| White Colour                             |              | 3IDA32600       | 3IDA32601       | 3IDA32602        | 3IDA32603        | 3IDA32604        |
| Black Colour                             |              | 3IDA32610       | 3IDA32611       | 3IDA32612        | 3IDA32613        | 3IDA32614        |
| Cooling power                            | kW           | 1               | 1.9             | 2.5              | 3.5              | 4.35             |
| Heating power                            | kW           | 1.35            | 2.5             | 3.35             | 4.3              | 5.2              |
| Air flow rate                            | m³/h         | 160             | 320             | 460              | 580              | 650              |
| Water flow rate cold / heat              | l/h          | 170 / 230       | 330 / 430       | 430 / 580        | 600 / 740        | 750 / 890        |
| Hydraulic pressure drop cold / heat      | kPa          | 11.1 / 10.8     | 13.3 / 13.1     | 27.7 / 27.5      | 28.3 / 27.9      | 30.6 / 28.5      |
| Power supply                             | V / no. / Hz | 230 / 1 / 50    | 230 / 1 / 50    | 230 / 1 / 50     | 230 / 1 / 50     | 230 / 1 / 50     |
| Maximum consumption                      | W            | 15              | 20              | 23               | 25               | 32               |
| Max. output sound pressure               | dB (A)       | 40              | 44              | 46               | 47               | 41               |
| Diameter main coil hydraulic connections | Inches       | 3/4             | 3/4             | 3/4              | 3/4              | 3/4              |
| Dimensions Height / Width / Depth        | mm           | 614 / 695 / 131 | 614 / 895 / 131 | 614 / 1095 / 131 | 614 / 1295 / 131 | 614 / 1495 / 131 |
| Net weight                               | Kg           | 20              | 21              | 24               | 31               | 36               |

# Daitsu Niagara

NEW!

COMING SOON

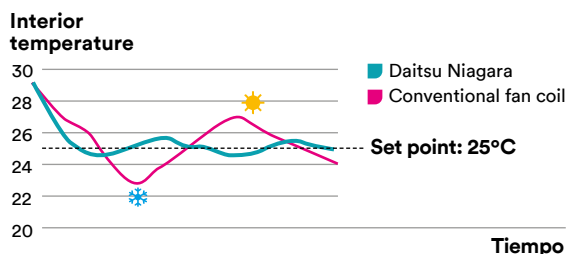
**[ 100%  
INVERTER ]**


## Maximum efficiency and comfortt

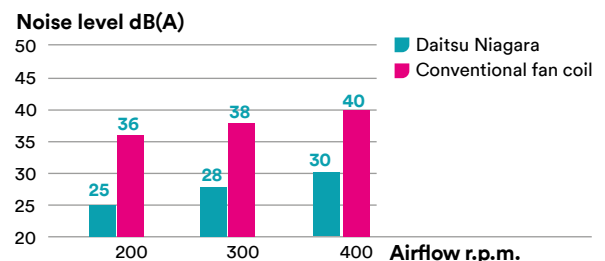
They provide the same ambient temperature as conventional radiators but with lower water temperatures, contributing to improved energy efficiency and direct savings for the user. Additionally, they do so much faster than these or underfloor heating systems.

## Advantages of 100% EC inverter technology

Thanks to 100% EC inverter technology, Daitsu's Niagara units adjust their speed and airflow to the heating demand, improving energy consumption, thermal comfort, and noise levels in different climate-controlled spaces. Unlike traditional AC units, Daitsu Niagara EC inverter units gradually reduce their speed as they reach the set temperature.



Variable speed adjustment maximizes comfort thanks to a very rapid interior temperature response and optimized airflow. Traditional fan coils have an indoor temperature deviation of around 2°C, which can easily cause sudden heat or cold. In contrast, the NIAGARA units achieve an indoor temperature precision of approximately 0.5°C.



The Niagara Ultra Slim unit with low fan speed operates steadily with very low vibration. It can also run at a minimum RPM through speed presets.

Daitsu Niagara units are rigorously tested for dynamic balance before delivery to ensure minimal noise levels while maintaining optimal airflow and static pressures.

## Discover the Daitsu Niagara range

A wide range of 100% EC Inverter types and capacities for all applications, from residential to commercial or industrial.



### Niagara Floor Smart Slim FUSD

- Cutting-edge design with a high-quality, durable glass front panel, only 130 mm deep.
- 3 models with cooling capacities from 1 to 4 kW.
- Touchscreen thermostat with integrated WiFi function on the panel.
- Easy conversion for floor installation or vertical wall mounting.
- Extremely quiet: 25 dB(A).



### Niagara Low-Pressure Duct FCLD

- 4 models with cooling capacities from 2 to 7.8 kW.
- Low-profile design (height of 22.5 cm).
- Available static pressure: 50 Pa.
- V-shaped condensate tray ensures maximum drainage efficiency.
- Quiet operation thanks to the DIDW forward-curved centrifugal fan and NSK shaft.



### Niagara High-Pressure Duct FCHD

- 3 models with cooling capacities from 9 to 16.7 kW.
- Features washable high-efficiency synthetic fiber filters.
- Available static pressure up to 180 Pa.
- V-shaped condensate tray ensures maximum drainage efficiency.
- Quiet operation thanks to the acoustic insulation of the chassis.



### Niagara 4-Way Cassette FCFD

- 4 models with cooling capacities from 3 to 10 kW.
- Stable-pressure radial fan ensures minimal noise levels.
- Automatic louver angle adjustment between 10° and 62°.
- Includes a condensate pump with a lift height of up to 600 mm.



### Niagara Wall-Mounted

- 4 models with cooling capacities from 2 to 7 kW.
- Low-noise tangential fan.
- Compact dimensions: 20 cm depth, 85 cm length.
- Latest front panel design with integrated temperature display.

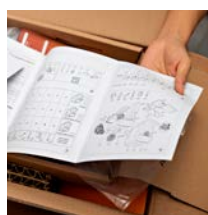
Product available in 2025 upon request. Please consult your sales representative or specifier for more details.



# Good practice guide for installation and use of your air conditioning unit

We want to share with you 10 factors to take into account to help you keep your unit working at maximum performance, maximising its efficiency in order to control its energy costs and extend its useful life.

1



## Read the manufacturer's instructions

Understand the technical characteristics of your unit in order to adapt the installation to the specific requirements of the machine. If in doubt, contact the manufacturer or a professional in the sector to advise you.

6



## Avoid turning the unit on and off

Constantly switching the machine on and off generates energy consumption peaks that increase the cost of the bill. Remember to install units with inverter technology, capable of maintaining the set temperature so that the machine's energy consumption is stable.

2



## Choose a unit with a high energy rating

Air-conditioning systems have an efficiency certificate in line with the standards set by the European Commission. Take this label into account in order to install a system that ensures maximum efficiency.

7



## Choose intermediate temperatures

Adjust the thermostat to the outside ambient temperature so that the unit is not overtaxed and can perform with efficient consumption. We suggest you to set the temperature in summer with a minimum of 27 °C and in winter with a maximum of 19 °C.

3



## Size the unit correctly

Each space is unique, so you must have the right machine to match its characteristics. Rely on expert advice to provide you with a tailor-made solution to ensure the lowest energy consumption and save on your electricity bill.

8



## Clean the filters regularly

Remember to clean or renew the filters of your air conditioning equipment at the end of each summer and winter. If it is not possible to do it twice as recommended, make sure you do it at least once a year to keep the machine performing optimally and capable of filtering air particles efficiently.

4



## Locate the air outputs properly

Ensure that the height and layout of your unit facilitates that the air-conditioned air is correctly distributed throughout the space.

9



## Carry out periodic maintenance

Extend the life of your equipment and keep it in optimum condition through regular preventive maintenance. We recommend doing this before each season, i.e. before the start of summer and of winter.

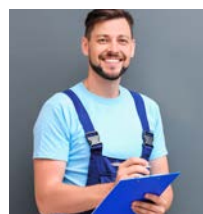
5



## Make sure the space is thermally insulated

Keeping the heat in winter and the cold in summer will minimise the effort required from your unit and will save on electricity.

10



## Always have it repaired professionally

Remember that your air conditioning equipment has specific components and mechanisms, as well as refrigerant gases for which a handling certificate is required. In the event of a fault, hire a professional to carry out the repair.



## Our Commitment to Sustainability

At Eurofred Group, we protect the well-being of people and the planet by driving the sustainable transition of our sector. We foster strong partnerships with global organisations to support initiatives focused on reducing inequalities, promoting sustainable development, and protecting the environment. Our actions align with the United Nations Sustainable Development Goals (SDGs).

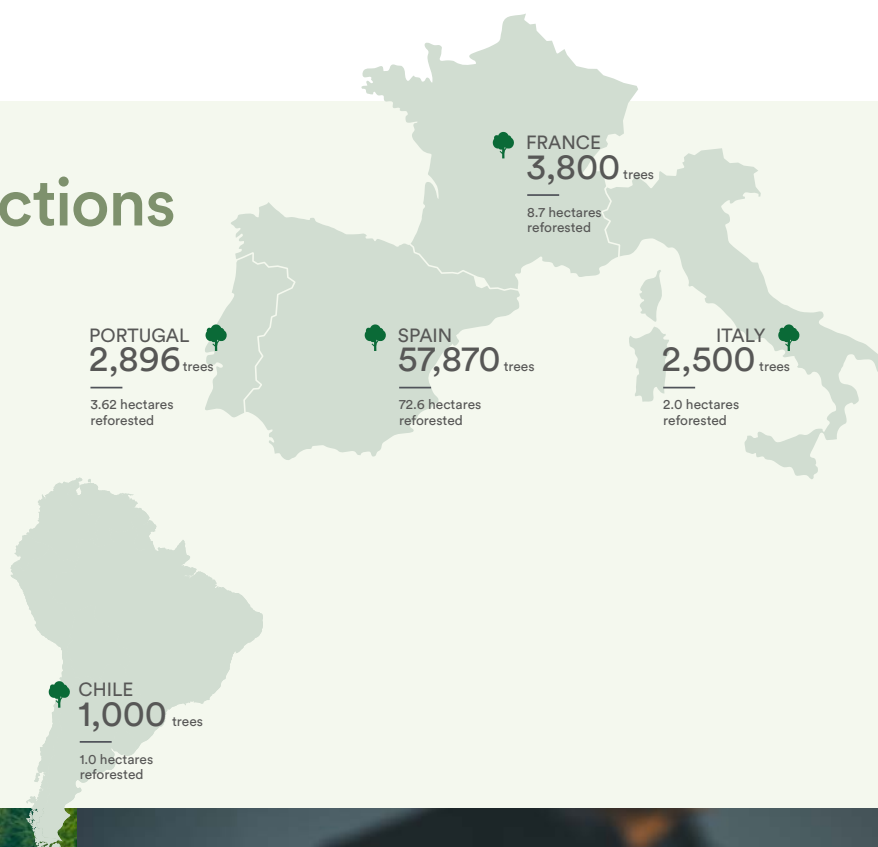


## Environmental Actions

Measuring, reducing, and offsetting our carbon footprint (Scope 1 & 2)

### Carbon footprint absorption:

Since 2014, we have reforested more than 85 hectares, planting 70,000 trees. This has enabled us to offset our carbon footprint up to the most recent year in Spain, France, and Chile, and until 2036 and 2039 in Portugal and Italy, respectively.



### Triple “Calculate, Reduce, Offset” Seal since 2014

We are the first company in Spain to receive the Triple Seal “Calculate + Reduce + Offset,” awarded by the Spanish Office for Climate Change (OECC) under the Ministry for the Ecological Transition.



### Efficient environmental management

We use 100% certified renewable energy in our facilities. We have installed LED lighting in our offices. We have reduced paper usage. Our fleet consists of hybrid-electric vehicles.



# Social Actions

We protect and enhance the well-being of people in the regions where we operate



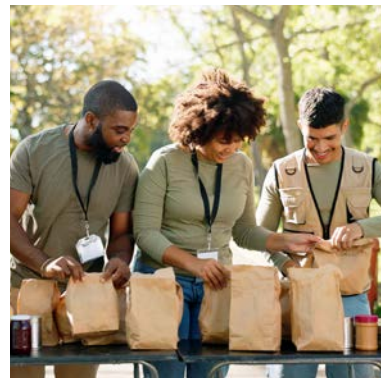
## ‘Diversity Leading Company’ Seal

We are committed to fostering female talent, equality, and diversity. This dedication has earned us the ‘Diversity Leading Company’ award from Equipos y Talento.



## Diversity, equity, and inclusion

We promote equal opportunities and run awareness initiatives on diversity, including discussions, training sessions, awareness workshops, and support programmes.

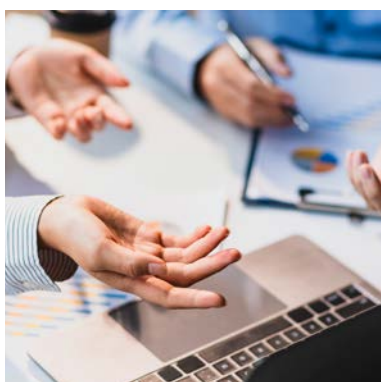


## Collaboration with NGOs

We support impactful projects that contribute to the professional and personal development of people at risk of social exclusion. One such initiative is the ‘Golpe de calor’ programme, which provides climate-controlled shelters for vulnerable households with zero impact. We cover the energy costs and offset the emissions generated by the equipment.

# Good Governance

We incorporate sustainability criteria to ensure responsible performance and risk management



## Corporate management certifications

Our commitment to quality and environmental management is endorsed by ISO 9001 and 14001 certifications, the Eurovent Certified Performance label, and the Keymark certification.



## Ethics and transparency

We follow a corporate governance model based on ethics, integrity, and compliance with laws and internal policies. Our decision-making process prioritises social and environmental considerations.



## Promoting sustainability

We encourage discussion and awareness through our Climate Control Sector Sustainability Barometer and collaborate with key industry players to support the transition towards sustainability.

# Specific product features



## **TURBO**

Increases the refrigerating or heating power to accelerate the air-conditioning of the room, quickly reaching the desired temperature.



## **SWING**

Automatic vertical movement of the air discharge blades to evenly distribute the air.



## **DEHUMIDIFICATION**

Reduces the humidity in the room.



## **TIME SCHEDULING**

Enables round-the-clock scheduling.



## **ILLUMINATION**

Partial or total switch-off of the unit's light indicators.



## **SILENT NIGHT MODE**

Adjustment of temperature and sound level to get the maximum comfort and energy saving.



## **DIFFERENT VENTILATION SPEEDS**

Selection of different operating speeds to best adapt to the user's needs.



## **TEST**

Checks how the system is working and shows the error code on the panel of the indoor unit.



## **X-FAN**

The indoor unit works in special mode to dry the evaporator and leave it clean and dry when it turns off.



## **HOT START**

The indoor unit's fan doesn't come on until the exchanger has reached the selected speed.



## **INTELLIGENT DEFROSTING**

Automatic activation of defrost when it is necessary, increasing the comfort and energy saving.



## **BLOCKING**

Enables functions to be blocked.



## **WI-FI**

Control of the system and programming via wireless network.



## **IONIZATION**

Negative oxygen ion generator to increase the removal of harmful particles from the room.



## **STATIC PRESSURE REGULATOR**

Increase of static pressure to get a better air distribution in large rooms.



## **HEATING CURVES FOR RADIANT FLOOR**

Enables the management of different temperatures in mixed systems with radiant floor.



## **SMART GRID**

The equipment is designed to work together with thermal and/or photovoltaic solar energy, increasing the efficiency of the installation.



## **FILTER CLEANING WARNING**

Filter change/cleaning warning indicator to ensure optimal operation.



## **DC INVERTER FAN MOTOR**

Microprocessor-controlled brushless DC motors with electronic commutation.



## **MODULAR UNIT**

Units can be combined together to operate as a single unit to increase the power rating of a system.



## **I FEEL**

The wireless controller is equipped with a temperature sensor that adjusts the system's operation.



## **SELF-CLEANING**

Self-cleaning of the indoor unit evaporator by frosting, defrosting, high-temperature drying and sterilisation at 56 °C.



## **RESET**

Resets the system so that it appears without any set configuration.



## **CTE READY**

In accordance with the regulations established in the Technical Building Code.



## **5 FILTERS**

Remove dust, particles, viruses and bacteria.



## **SUPERMUTE**

Reduces the compressor's frequency to obtain a minimal sound level and favour sleep.



## **GENTLE AIR**

The airflow passes through micro-holes to provide a gentle breeze and avoid direct gusts of air.



## **HORIZONTAL AND VERTICAL AIR FLOW**

Provides a vertical and horizontal air flow for efficient distribution.



## **VOICE CONTROL**



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Information valid save printing error.



At Eurofred we drive and inspire new attitudes to make big changes possible. Placing your trust in Eurofred contributes to a better planet.