

### + PRODUCT

- RC19 remote control included (see p.148)
- Design
- Performance
- Air quality (ionizer + filters)
- Quiet
- Compatible with YDZC and ZDAA multisplits

### Connectivity



### Technology



3D SWING



GOLDEN FIN TREATMENT

### Air quality



IONIZER



ANTIBACTERIAL FILTER



AUTO CLEAN/DRY



TRIPLE ACTION FILTER

### User functions



I FEEL



NIGHT MODE



QUIET MODE



REFRIGERANT LEAKAGE DETECTOR



PROGRAMMABLE TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK



TEMPERATURE LOCK



MODE LOCK



Wi-Fi

### Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC



LEFT/RIGHT DRAIN CONNECTION



HEATING MODE ONLY

### CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate:

[www.eurovent-certification.com](http://www.eurovent-certification.com)



- Certified performance in monosplit configuration

# HDMB Harmonia

## Colour range High wall


COOLING  
A+++

HEATING  
A++

FLUID  
R32

### COMPLETE SETS:



HDMB Harmonia White



HDMB Harmonia Mirror



HDMB Harmonia Grey


RC19  
included

### BUILD YOUR DEVICE:

#### 1 Choose color of your indoor unit



HDMB Harmonia White

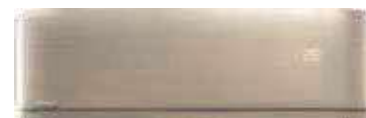


HDMB Harmonia Grey

#### 2 then select the panel colour reference



Silver Grey



Champagne Beige



Passion Red

### + "SUSTAINABLE DEVELOPMENT"

- High seasonal performance (SEER/SCOP).
- Energy label A+++ in cooling mode and A++ in heating mode depending on model guaranteeing energy savings.
- Environment friendly R32 refrigerant.

### + "USER"

- Contemporary design to fit any interior.
- High-performance ionizer and filters for better air quality.
- Multi-directional air louvers for air distribution throughout the room.
- Wi-Fi included for remote control of the unit.
- Low noise level ideal for living rooms (bedroom, office, living room, etc.).

### + "TECHNOLOGY"

- Room sensor built into the remote control for better comfort ("I Feel" mode).
- Automatic cleaning of heat exchangers for better hygiene and performance.
- Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.

### + "INSTALLER"

- Installer mode for operating parameters reading.
- Technician mode for adjusting certain operating parameters.
- Condensate drain to the right or left for ease of installation in the room.

## TECHNICAL DATA

| INDOOR UNIT - WHITE                       |       | HDMB-025N-09M22*    | HDMB-035N-09M22*    | HDMB-050N-09M22    | HDMB-070N-09M22    |
|-------------------------------------------|-------|---------------------|---------------------|--------------------|--------------------|
| Indoor unit part number - White           |       | 7SP023235           | 7SP023236           | 7SP023237          | 7SP023238          |
| INDOOR UNIT - GREY                        |       | HDMB-025N-09M22-GY* | HDMB-035N-09M22-GY* | HDMB-050N-09M22-GY | HDMB-070N-09M22-GY |
| Indoor unit part number - Grey            |       | 7SP023244           | 7SP023245           | 7SP023246          | 7SP023247          |
| INDOOR UNIT - MIRROR                      |       | HDMB-025N-09M22-MR* | HDMB-035N-09M22-MR* | HDMB-050N-09M22-MR | HDMB-070N-09M22-MR |
| Indoor unit part number - Mirror          |       | 7SP023240           | 7SP023241           | 7SP023242          | 7SP023243          |
| Phase                                     |       | Single-phase        | Single-phase        | Single-phase       | Single-phase       |
| COOLING                                   |       |                     |                     |                    |                    |
| Rated power (min./max.)                   | kW    | 2.64 (1.02~3.22)    | 3.51 (1.37~4.29)    | 5.27 (3.39~5.90)   | 7.03 (2.11~8.21)   |
| Pdesignc                                  | kW    | 2.60                | 3.50                | 5.30               | 7.00               |
| Rated power input / EER                   | kW    | 0.61/4.30           | 0.98/3.60           | 1.55/3.42          | 2.51/2.79          |
| SEER/Energy label                         |       | 9.3/A+++            | 8.5/A+++            | 7.0/A++            | 6.5/A++            |
| Operating limits                          | °C    | -15~50° Dry bulb    |                     |                    |                    |
| HEATING                                   |       |                     |                     |                    |                    |
| Rated power (min./max.)                   | kW    | 2.92 (0.82~3.37)    | 3.81 (1.07~4.38)    | 5.57 (3.10~5.85)   | 7.33 (1.55~8.21)   |
| Pdesignh (average climate)                | kW    | 2.40                | 2.60                | 4.10               | 4.90               |
| Pdesignh (warmer climate)                 | kW    | 2.70                | 3.00                | 4.50               | 5.30               |
| Rated power input / COP                   | kW    | 0.64/4.56           | 0.98/3.89           | 1.50/3.71          | 2.13/3.43          |
| SCOP/Energy label (average climate)       |       | 4.6/A++             | 4.6/A++             | 4.0/A+             | 4.0/A+             |
| SCOP/Energy label (warmer climate)        |       | 6.0/A+++            | 6.1/A+++            | 5.1/A+++           | 5.1/A+++           |
| Operating limits                          | °C    | -15~24° Dry bulb    |                     |                    |                    |
| Power at -7 °C                            | kW    | 2.78                | 3.18                | 4.73               | 7.20               |
| Power at -10 °C                           | kW    | 2.65                | 3.03                | 4.52               | 6.87               |
| Power at -15 °C                           | kW    | 2.48                | 2.84                | 4.23               | 6.43               |
| INDOOR UNIT                               |       |                     |                     |                    |                    |
| Sound pressure level at 1 m (VL/LS/MS/HS) | dB(A) | 20/24/29/36         | 21/25/33/39         | 22/28/33/43        | 25/30/41/47        |
| Sound level                               | dB(A) | 55                  | 55                  | 58                 | 63                 |
| Airflow (LS/MS/HS)                        | m³/h  | 303/362/483         | 395/477/584         | 420/500/730        | 640/830/1020       |
| Dehumidification                          | l/h   | 0.9                 | 1.2                 | 1.8                | 2.4                |
| Outline dimensions (WxHxD)                | mm    | 802x297x189         | 802x297x189         | 965x319x215        | 1080x335x226       |
| Package dimensions (WxHxD)                | mm    | 875x380x285         | 875x380x285         | 1045x410x305       | 1155x320x415       |
| Net weight/Gross weight                   | kg    | 8.6/11.1            | 8.6/11.1            | 10.9/14.2          | 13.7/17.3          |
| PANEL                                     |       |                     |                     |                    |                    |
| Panel part number - Silver Grey           |       | 7ACTL0551           | 7ACTL0551           | 7ACTL0552          | 7ACTL0553          |
| Panel part number - Champagne Beige       |       | 7ACTL0543           | 7ACTL0543           | 7ACTL0544          | 7ACTL0545          |
| Panel part number - Passion Red           |       | 7ACTL0547           | 7ACTL0547           | 7ACTL0548          | 7ACTL0549          |

| OUTDOOR UNIT                  |        | YDAB-025H-09M22     | YDAB-035H-09M22     | YDAB-050H-09M22     | YDAB-070H-09M22     |
|-------------------------------|--------|---------------------|---------------------|---------------------|---------------------|
| Part number                   |        | 7SP063155           | 7SP063156           | 7SP063157           | 7SP063158           |
| Sound pressure level at 1 m   | dB(A)  | 49                  | 51                  | 53                  | 55                  |
| Sound level                   | dB(A)  | 60                  | 62                  | 64                  | 66                  |
| Airflow                       | m³/h   | 2150                | 2200                | 2100                | 3500                |
| Compressor type               |        | Rotary              | Rotary              | Rotary              | Rotary              |
| Outline dimensions (WxHxD)    | mm     | 765x555x303         | 765x555x303         | 805x554x330         | 890x673x342         |
| Package dimensions (WxHxD)    | mm     | 887x610x337         | 887x610x337         | 915x615x370         | 995x740x398         |
| Net weight/Gross weight       | kg     | 26.4/29.5           | 26.4/29.5           | 32.8/36.2           | 43.9/46.9           |
| POWER SUPPLY                  |        |                     |                     |                     |                     |
| Phase/Voltage/Frequency       |        | 1P/220-240V/50-60Hz | 1P/220-240V/50-60Hz | 1P/220-240V/50-60Hz | 1P/220-240V/50-60Hz |
| Power supply side             |        | Outdoor             | Outdoor             | Outdoor             | Outdoor             |
| Power cable section           | mm²    | 3G1.5               | 3G1.5               | 3G1.5               | 3G2.5               |
| Fuse rating am                | A      | 16                  | 16                  | 16                  | 20                  |
| Electrical connections in/out | mm²    | 5G1.5               | 5G1.5               | 5G1.5               | 5G1.5               |
| PIPE LINE                     |        |                     |                     |                     |                     |
| Suction pipe diameter         | inches | 3/8"                | 3/8"                | 1/2"                | 5/8"                |
| Liquid pipe diameter          | inches | 1/4"                | 1/4"                | 1/4"                | 3/8"                |
| Max. length                   | m      | 25                  | 25                  | 30                  | 50                  |
| Max. height                   | m      | 10                  | 10                  | 20                  | 25                  |
| Refrigerant/GWP               |        | R32/675             | R32/675             | R32/675             | R32/675             |
| Charge (5 m)                  | kg     | 0.62                | 0.62                | 1.10                | 1.45                |
| Additional charge             | g/m    | 12                  | 12                  | 12                  | 24                  |

## OPTIONS

| ACCESSORY                                         | PART NUMBER | PICTURE                                                                             | FUNCTION                                                                       |
|---------------------------------------------------|-------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Wired remote control RCW22                        | 7ACEL1778   |  | • Weekly timer, mode, fan speed, On/Off timer, "I Feel" function, temperature. |
| Dry On/Off contact adapter (mandatory with RCW22) | 7ACEL1788   |  | • Air conditioning external control.                                           |
| Condensate pump FlowwatchDesign (gutter)          | 7ACTL0518   |  | • Condensate evacuation from indoor units.                                     |

## MATCHING

| INDOOR UNIT                                                                           |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| HIGH WALL                                                                             |                                                                                       |
|  |                                                                                       |
| HDMB Colour range                                                                     |                                                                                       |
| COMPATIBLE WITH OUTDOOR UNIT                                                          |                                                                                       |
| MONOSPLIT                                                                             | MULTISPLIT                                                                            |
|   |  |
| YDAB                                                                                  | ZDAA                                                                                  |
|                                                                                       |  |
|                                                                                       | YDZC                                                                                  |