Airwell

Heat pumps, Air conditioning & Renewable energy solutions



EUROPE
2026/2027

The French way of comfort since 1947

FRENCH BRAND





Airwell, a French thermal equipment manufacturer committed to the energy transition for nearly 80 years

If you are looking for a reliable and competitive partner, Airwell Group is the right choice for you !

Present in France and around the world for nearly 80 years, this longevity is due to numerous major strategic advantages:

- A wide range of heat pumps for both residential and commercial use.
- Innovative products combining reliability, efficiency and competitiveness.
- A European reindustrialisation initiative, notably with the acquisition of a high-end heat pump factory in western France (Brittany).
- A dynamic, accessible team that is always available to provide you with high-quality support.



THE ESSENTIALS FOR PROFESSIONALS

PRO CUSTOMER AREA
MY AIRWELL PLACE

The platform for easy access to tools and services



LinkedIn PAGE

Follow our news and share your construction site photos!

ACADEMY WEBSITE

Training schedule for skills development

Stay up to date with the latest news by subscribing to the Airwell Newsletter.

TABLE OF CONTENTS

GAMME AIR/AIR

p.6 High wall range

Just feel well

p.7		**HDMC**	*High wall*	NEW FLUID R32
p.9		**HDMB** Harmonia	*High wall*	NEW FLUID R32
p.11		**HDLA** Aura	*High wall*	FLUID R32
p.13		**HDLE**	*High wall - Wi-Fi built-in*	NEW FLUID R32
p.15		**HDLS**	*High high wall*	NEW FLUID R32

p.17 Multisplit range

p.18		**ZDAB**	*Multisplit*	NEW FLUID R32
p.20		**ZDAA**	*Multisplit*	FLUID R32

p.22 Console, Floor ceiling & Floor standing ranges

p.23		**XDMX**	*Dual-flow console*	FLUID R32
p.25		**FDMX**	*Floor ceiling*	FLUID R32
p.27		**FDLK**	*Low temperature floor ceiling*	FLUID R32

p.29 Ducted range

p.30		**DDMD**	*Medium-pressure ducted*	NEW FLUID R32

p.32 Ventilation range

p.33		**JDAA** Airflow	*Thermodynamic dual-flow CMV*	FLUID R32

p.35 Cassette range

p.36		**CDMD**	*360° cassette*	NEW FLUID R32
p.38		**CDMX**	*360° cassette*	FLUID R32

p.40 Monoblock range

p.41		**XDAW**	*Monoblock console*	FLUID R32
p.42		**WFAE**	*Window*	FLUID R32

GAMME AIR/EAU

p.43 Air/water heat pump range

p.44	**WELLEA M HT**	*Monoblock heat pump, R290 natural fluid*	NEW · FLUID R290
p.46	**WELLEA M DF HT**	*Monoblock heat pump*	FLUID R290
p.48	**WELLEA WT**	*Split heat pump with DHW tank included*	NEW · FLUID R32
p.50	**HYDRODUO WELLEA**	*Pre-assembled DUO tanks (DHW + buffer)*	NEW

p.52 Domestic hot water range

p.53	**ELEO M TFHA**	*Monoblock thermodynamic water heater*	NEW · FLUID R290
p.55	**TFHM**	*Thermodynamic water heater*	NEW · FLUID R290

GAMME EAU/EAU

p.57 Geothermal Solutions

p.58	**TEREO**	*Brine-to-water heat pump*	NEW · FLUID R407C
p.60	**HYDRODUO TÉRÉO**	*Pre-assembled DUO tanks (DHW + buffer)*	NEW

GAMME OASIS

p.62 Oasis range

p.63		*A closer look at the Oasis range*	
p.65	**HDLL**	*High wall, connectivity*	NEW · FLUID R32
p.67	**FDHM**	*Floor ceiling, long air throw*	NEW · FLUID R32
p.69	**DDHM**	*Medium-pressure ducted*	NEW · FLUID R32
p.71	**CDHM**	*360° cassette*	NEW · FLUID R32
p.73	**SDHM**	*Floor standing column*	NEW · FLUID R32



Range

HIGH WALL

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

MODELS

p.7	**HDMC**	*High wall*	NEW	FLUID R32
p.9	**HDMB** Harmonia	*High wall*	NEW	FLUID R32
p.11	**HDLA** Aura	*High wall*		FLUID R32
p.13	**HDLE**	*High wall - Wi-Fi built-in*	NEW	FLUID R32
p.15	**HDLS**	*High wall*	NEW	FLUID R32

NEW

HDMC
High wall

PLATINIUM97 TREATMENT

COOLING A+++ | HEATING A++ | FLUID R32



RC24 included

RC24B included

+ PRODUCT

- New remotes control
- Design
- Performance
- Air quality (ionizer + filters)
- Quiet
- Platinium97 anti-corrosion treatment
- Compatible multisplit

Connectivity

Air Home | HYBRID HOUSE by Airwell

Technology

3D SWING | GOLDEN FIN TREATMENT | PLATINIUM97 TREATMENT | OPTIPOWER

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 | WI-FI | TEMPERATURE LOCK | MODE LOCK

Installer functions

ERROR CODE VIA INDOOR UNI | 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

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Certified performance in monosplit configuration

+ SUSTAINABLE DEVELOPMENT

- High seasonal performance (SEER/SCOP).
- Energy label A+++ in cooling mode and A++ in heating mode guaranteeing energy savings.
- Environment friendly R32 refrigerant.
- Long-lasting protection in the most aggressive environments.

+ USER

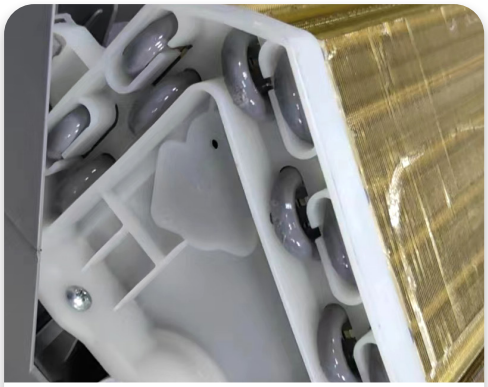
- Multi-directional air louvers for air distribution throughout the room.
- Wi-Fi included for remote control of the unit.
- Low noise level ideal for living rooms (bedroom, office, living room, etc.).
- Contemporary design to fit any interior.
- High-performance ionizer and filters for better air quality.

+ TECHNOLOGY

- **Platinium97 treatment:** Exceptional protection for fewer replacements and less waste, contributing to more sustainable use of resources.
- 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.
- Optimise power consumption with the “OptiPower” function, offering power settings of 50%, 75% or 100%, for energy savings tailored to your needs.
- Resistor in outdoor unit for heating performance and comfort down to -25°C.

+ 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.
- Easy access to the condensate pan for servicing.
- Spirit level built into the wall bracket.
- Mobile strut on the rear of the unit for easy connections.



New Platinium97 resin treatment:

→ ***Less corrosion, less replacement and longer-lasting protection.***

OPTIONS

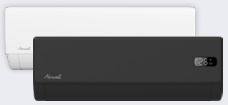
ACCESSORY	CODE	PICTURE	FUNCTION
Wired remote control RCW32 (card 7ACEL1952 required)	7ACEL1925		• *Weekly timer, mode, fan speed, timer, on/off, “I Feel” function, temperature.*
Expansion card	7ACEL1952		• *This card allows to add: ON/OFF contact, alarm contact, Modbus, wired remote control.*
Condensate pump FlowatchDesign (gutter)	7ACTL0518		• *Condensate evacuation from indoor units.*

TECHNICAL DATA

Indoor unit - Matte white		HDMC-025N-09M25	HDMC-035N-09M25	HDMC-050N-09M25	HDMC-070N-09M25
Code		**7SP024080**	**7SP024081**	**7SP024082**	**7SP024083**
Indoor unit - Matte black		**HDMC-025N-09M25-BK**	**HDMC-035N-09M25-BK**	**HDMC-050N-09M25-BK**	**HDMC-070N-09M25-BK**
Code		**7SP024084**	**7SP024085**	**7SP024086**	**7SP024087**
Phase		*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*
COOLING					
Rated power (min./max.)	**kW**	**2.60 (1.03/3.22)**	**3.50 (1.38/4.31)**	**5.00 (1.99/5.80)**	**6.10 (3.02/8.79)**
Pdesignc	kW	2.60	3.50	5.00	6.10
Rated power input	kW	6.30	10.80	14.30	16.90
EER		4.10	3.24	3.49	3.60
SEER/Energy label		8.8/A+++	8.5/A+++	8.5/A+++	8.5/A+++
Operating limits	°C	-15~50			
HEATING					
Rated power (min./max.)	**kW**	**2.90 (0.82/3.37)**	**3.81 (1.07/4.38)**	**5.40 (1.35/6.30)**	**7.30 (1.52/9.47)**
Pdesignh (average climate)	kW	2.50	2.60	4.00	4.80
Pdesignh (warmer climate)		2.60	3.10	4.40	5.00
Rated power input	kW	6.70	10.20	14.40	19.70
SCOP/Energy label (average climate)		4.6/A++	4.6/A++	4.6/A++	4.6/A++
SCOP/Energy label (warmer climate)		6.0/A+++	6.0/A+++	5.7/A+++	5.1/A+++
SCOP/Energy label (colder climate)		3.4/A	3.5/A	3.1/B	3.3/B
COP		4.30	3.75	3.75	3.71
Operating limits	°C	-20~24			
Max. power at -7°C	kW	2.80	3.00	5.00	6.90
Max. power at -10°C	kW	2.70	2.80	4.70	6.60
Max. power at -15°C	kW	2.40	2.50	4.40	6.10
INDOOR UNIT					
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	19/22/31/37	21/22/33/39	21/32/40/44	21/34/37/46
Sound level	dB(A)	56	57	58	59
Airflow (LS/MS/HS)	m^3/h	285/360/510	370/450/600	470/600/800	635/790/1090
Dehumidification	l/h	1.0	1.2	1.8	2.4
Outline dimensions (WxHxD)	mm	722x286x199	812x286x199	974x305x216	1045x328x230
Package dimensions (WxHxD)	mm	780x365x270	870x365x270	1045x380x295	1125x405x325
Net weight/Gross weight	kg	7.8/10	8.5/10.8	10.9/14.0	13.6/17.3

Outdoor unit		YDAC-025R-09M25	YDAC-035R-09M25	YDAC-050R-09M25	YDAC-070R-09M25
Code		**7SP063270**	**7SP063271**	**7SP063272**	**7SP063273**
Outdoor unit - Artica		**YDAC-025R-09M25-H**	**YDAC-035R-09M25-H**	**YDAC-050R-09M25-H**	**YDAC-070R-09M25-H**
Code		**7SP063274**	**7SP063275**	**7SP063276**	**7SP063277**
Sound pressure level at 1 m	dB(A)	51	52	54	57
Sound level	dB(A)	62	63	65	68
Airflow	m^3/h	2150	2200	3500	3500
Compressor type		Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	765x555x303	765x555x303	890x673x342	890x673x342
Package dimensions (WxHxD)	mm	887x610x337	887x610x337	995x740x398	995x740x398
Net weight/Gross weight	kg	26/28.2	26/28.2	37.5/40.6	43.5/47
POWER SUPPLY					
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm^2	3G1.5	3G1.5	3G1.5	3G2.5
Fuse rating am (courbe D)	A	16	16	16	20
Shielded electrical connections	mm^2	5x1.5	5x1.5	5x1.5	5x1.5
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"
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	0.55	0.58	0.85	1.05
Additionnal charge	g/m	12	12	12	12

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
HIGH WALL	MONOSPLIT	MULTISPLIT
		 
HDMC	YDAC	ZDAA ZDAB

B&Com
26-AW-PRODUCT LEAFLET-HDMC-EN-0326 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

NEW

HDMB Harmonia

High wall

PLATINIUM97 TREATMENT

COOLING A+++ | HEATING A++ | FLUID R32



RC19 included



HDMB Harmonia White

HDMB Harmonia Mirror

HDMB Harmonia Grey

+ PRODUCT

- RC19 remote control included
- Design
- Performance
- Air quality (ionizer + filters)
- Quiet
- Platinium97 anti-corrosion treatment
- Compatible with YDZC and ZDAA multisplits

Connectivity

Air Home | HYBRID HOUSE by Airwell

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

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Certified performance in monosplit configuration

"SUSTAINABLE DEVELOPMENT"

- Significant reduction in the frequency of maintenance and replacement, reducing the carbon footprint.
- Long-lasting protection in the most aggressive environments.
- 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"

- **Platinium97 treatment:** Exceptional protection for fewer replacements and less waste, contributing to more sustainable use of resources.
- 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.



New Platinium97 resin treatment:

→ ***Less corrosion, less replacement and longer-lasting protection.***

TECHNICAL DATA

INDOOR UNIT - WHITE		HDMB-025N-09M22*	HDMB-035N-09M22*	HDMB-050N-09M22	HDMB-070N-09M22
Indoor unit part number - White		7SP024030	7SP024031	7SP024032	7SP024033
INDOOR UNIT - GREY		HDMB-025N-09M22-GY*	HDMB-035N-09M22-GY*	HDMB-050N-09M22-GY	HDMB-070N-09M22-GY
Indoor unit part number - Grey		7SP024038	7SP024039	7SP024040	7SP024041
INDOOR UNIT - MIRROR		HDMB-025N-09M22-MR*	HDMB-035N-09M22-MR*	HDMB-050N-09M22-MR	HDMB-070N-09M22-MR
Indoor unit part number - Mirror		7SP024034	7SP024035	7SP024036	7SP024037
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		7SP063230	7SP063231	7SP063232	7SP063233
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	pouces	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	pouces	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
Additionnal 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 FlowatchDesign (gutter)	7ACTL0518		• *Condensate evacuation from indoor units.*

MATCHING

INDOOR UNIT

HIGH WALL



HDMB Harmonia

COMPATIBLE WITH OUTDOOR UNIT

MONOSPLIT	MULTISPLIT	
		
YDAB	ZDAA	YDZC

25&Com

25-AW-PRODUCT LEAFLET-HDMB-EN-0525 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL

10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE

TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

HDLA Aura

High wall

COOLING **A++** | HEATING **A+** | FLUID **R32**



RC19 included

+ PRODUCT

- RC19 remote control included
- Design
- Performance
- Compatible with YDZC and ZDAA multisplits

Connectivity

Air Home | HYBRID HOUSE by Airwell

Air quality

AUTO CLEAN/DRY | GOLDEN FIN TREATMENT

User functions

I FEEL | NIGHT MODE | QUIET MODE | REFRIGERANT LEAKAGE DETECTOR | PROGRAMMABLE TIMER | AUTO RESTART (MEMORY) | REMOTE CONTROL LOCK

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

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Certified performance in monosplit configuration



Longer product service life:

- ***Golden Fin exchanger.***
- ***Anti-corrosion treatment on PCB.***

"SUSTAINABLE DEVELOPMENT"

- Energy label A++ in cooling mode and A+ in heating mode depending on model guaranteeing energy savings.
- Environment friendly R32 refrigerant.

"USER"

- Modern and sleek design.
- High-performance filters that trap dust and particles for better air quality.

"TECHNOLOGY"

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

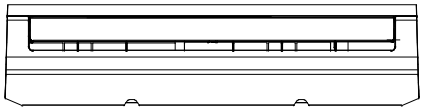
"INSTALLER"

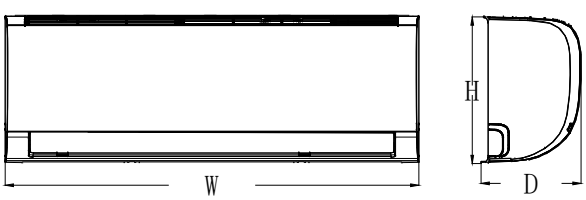
- Installer mode for direct reading of the probes on the indoor unit.
- Technician mode for adjusting certain operating parameters.
- Condensate drain to the right or left for ease of installation in the room.

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote control RCW8	7ACEL1706		*Fan speed mode, timer, on/off, temperature and swing.*
AirHome Wi-Fi module	7ACEL1744		*Control air conditioners with your smartphone, tablet or computer via a wireless router and internet.*
Condensate pump FlowatchDesign (gutter)	7ACTL0518		*Condensate evacuation from indoor units.*

TECHNICAL DRAWS





DIMENSIONS (mm)

MODEL	W	D	H
022N-025N-035N	805	194	285
050N	957	213	302
070N	1040	220	327

TECHNICAL DATA

INDOOR UNIT		HDLA-025N-09M25	HDLA-035N-09M25	HDLA-050N-09M25	HDLA-070N-09M25
Part number		**7SP023250**	**7SP023251**	**7SP023252**	**7SP023253**
Phase		*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*
COOLING					
Rated power (min./max.)	**kW**	**2.64 (0.91~3.40)**	**3.52 (1.11~4.16)**	**5.28 (1.82~6.16)**	**7.03 (2.08~7.91)**
Pdesignc	kW	2.80	3.60	5.20	7.00
Rated power input	kW	0.73	1.21	1.55	2.60
SEER/Energy label		6.3/A++	6.1/A++	7.4/A++	6.1/A++
Operating limits	°C	-15~50° Dry bulb			
HEATING					
Rated power (min./max.)	**kW**	**2.93 (0.821~3.370)**	**3.81 (1.08~4.22)**	**5.57 (1.29~6.74)**	**7.33 (1.61~7.91)**
Pdesignh (average climate)	kW	2.60	2.70	4.10	4.80
Pdesignh (warmer climate)		2.60	2.50	4.40	5.80
Rated power input	kW	0.73	1.09	1.57	2.40
SCOP/Energy label (average climate)		4.0/A+	4.0/A+	4.0/A+	4.0/A+
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.1/A+++	4.8/A++
Operating limits	°C	-15~30° Dry bulb			
Power at -7°C	kW	2.29	2.39	3.68	4.25
Power at -10°C	kW	2.03	2.04	3.40	3.89
Power at -15°C	kW	1.63	1.64	2.72	3.11
INDOOR UNIT					
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	21/25/32/38.5	21/25/34.5/40.5	20/26/36/42.5	36/40.5/45
Sound level	dB(A)	54	55	56	59
Airflow (LS/MS/HS)	m³/h	325/360/466	325/430/540	540/680/840	662/817/980
Dehumidification	l/h	0.9	1.2	1.8	2.4
Outline dimensions (WxHxD)	mm	805x285x194	805x285x194	957x302x213	1040x327x220
Package dimensions (WxHxD)	mm	870x365x270	870x365x270	1035x385x295	1120x315x405
Net weight/Gross weight	kg	7.5/9.8	7.6/9.9	10.0/12.1	12.3/15.8

OUTDOOR UNIT		YDAA-025H-09M25	YDAA-035H-09M25	YDAA-050H-09M25	YDAA-070H-09M25
Part number		**7SP063160**	**7SP063161**	**7SP063162**	**7SP063163**
Sound pressure level at 1 m	dB(A)	51	52	52	56
Sound level	dB(A)	62	63	63	67
Airflow	m³/h	1750	1800	2100	3500
Compressor type		Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	720x495x270	720x495x270	805x554x330	890x673x342
Package dimensions (WxHxD)	mm	835x540x300	835x540x300	915x615x370	995x740x398
Net weight/Gross weight	kg	23.2/25	23.2/25.2	32.7/35.5	42.9/45.7
POWER SUPPLY					
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x1.5	3x2.5
Fuse rating am (courbe D)	A	10	10	16	20
Shielded electrical connections	mm²	1.5x5	1.5x5	1.5x5	2.5x5
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	0.55	0.55	1.08	1.42
Additionnal charge	g/m	12	12	12	24

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT		
HIGH WALL	MONOSPLIT	MULTISPLIT	
			
HDLA Aura	YDAA	ZDAA	YDZC

25-AW-PRODUCT LEAFLET-HDLA-EN-0725 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

NEW

HDLE

High wall - Wi-Fi built-in

COOLING **A++** | HEATING **A+** | FLUID **R32**

+ PRODUCT

- RC08A remote control included
- Wide range from 2 to 6 kW
- Wi-Fi built-in
- Compatible multisplit

Connectivity

Air Home | HYBRID HOUSE by Airwell

Air quality

AUTO CLEAN/DRY | BLUE FIN TREATMENT EXCHANGER

User functions

I FEEL | NIGHT MODE | SUPER-QUIET | PROGRAMMABLE TIMER | AUTO RESTART (MEMORY) | REMOTE CONTROL LOCK | WI-FI | ANTIFREEZE MODE | TURBO MODE

Installer functions

ERROR PART NUMBER VIA INDOOR UNIT | AUTO-DIAGNOSTIC | LEFT/RIGHT DRAIN CONNECTION

CERTIFICATION

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

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Certified performance in monosplit configuration





RC08A included

SUSTAINABLE DEVELOPMENT

- Energy label A++ in cooling mode and A+ in heating mode, guaranteeing energy savings.
- Environment friendly R32 refrigerant.

USER

- Modern and sleek design.
- 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).
- Integrated dry contact for intelligent usage management: window opening, hotel mode, and other automations.
- Automatic cleaning and drying of the indoor unit for simplified maintenance.
- Eurovent certified.

INSTALLER

- Condensate drain to the right or left for ease of installation in the room.
- Self-diagnostics via digital display, simplifying maintenance.
- Compatible with the RCW27 wired remote control.

OPTIONS

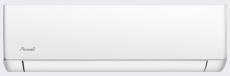
ACCESSORY	PART NUMBER	PICTURE	FUNCTION
RCW27 remote control	**7ACEL1874**		• *Programmable timer, mode setting, temperature setting, fan speed, remote control lock.*

TECHNICAL DATA

INDOOR UNIT		HDLE-022N-09M25	HDLE-025N-09M25	HDLE-035N-09M25	HDLE-050N-09M25	HDLE-070N-09M25
Part number		**7SP024115**	**7SP024116**	**7SP024117**	**7SP024118**	**7SP024119**
Phase		*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*
COOLING						
Rated power (min./max.)	**kW**	**2.2 (0.3-2.85)**	**2.5 (0.5-3.25)**	**3.2 (0.9-3.7)**	**4.6 (1-5.4)**	**6.2 (1.8-6.9)**
Pdesignc	kW	2.2	2.50	3.20	4.60	6.20
Rated power input	W	590	660	991	1353	1786
EER		3.73	3.79	3.23	3.40	3.47
SEER/Energy label		6.6 / A++	6.8 / A++	6.5 / A++	7.2 / A++	6.8 / A++
Operating limits	°C			-15~43° Dry bulb		
HEATING						
Rated power (min./max.)	**kW**	**2.4 (0.6-2.9)**	**2.8 (0.5-3.8)**	**3.4 (0.9-4.2)**	**5.2 (0.75-5.8)**	**6.5 (1.3-7)**
Pdesignh (average climate)	kW	2.1	2.50	2.70	3.70	4.50
Pdesignh (warmer climate)	kW	2.1	2.60	2.80	3.60	4.70
Rated power input	W	590	700	916	1334	1645
SCOP/Energy label (average climate)		4.0 / A+	4.1 / A+	4.1 / A+	4.0 / A+	4.0 / A+
SCOP/Energy label (warmer climate)		4.8 / A++	5.1 / A+++	5.1 / A+++	5.1 / A+++	5.1 / A+++
COP		4.07	4.00	3.71	3.90	3.95
Operating limits	°C			-15~24° Dry bulb		
Power at -7°C	kW	2.45	2.85	3.34	3.85	5.18
Power at -10°C	kW	2.30	2.52	3.16	3.65	4.93
Power at -15°C	kW	2.01	2.42	2.86	3.33	4.68
INDOOR UNIT						
Sound pressure level at 1 m (VL/LS/MS/HS)	dB (A)	22/24/31/36	22/25/33/38	24/26/33/37	28/30/41/45	32/36/42/46
Sound level (VL/LS/MS/HS)	dB (A)	34/37/45/49	35/38/46/51	36/38/45/49	41/44/54/58	42/46/52/56
Airflow (VL/LS/MS/HS)	m³/h	250/290/420/470	230/270/390/470	280/320/400/520	600/640/810/960	540/590/690/900
Dehumidification	l/h	0.6	0.6	1.4	1.8	1.8
Outline dimensions (WxHxD)	mm	758x260x192	758x260x192	833x260x192	1000x333x249	1000x333x249
Package dimensions (WxHxD)	mm	823x328x284	823x328x284	898x328x284	1075x410x347	1075x410x347
Net weight/Gross weight	kg	7.5/9	7.5/9	8/9.5	13.5/16	14/16.5

OUTDOOR UNIT		YDAE-022R-09M25	YDAE-025R-09M25	YDAE-035R-09M25	YDAE-050R-09M25	YDAE-070R-09M25
Part number		**7SP064010**	**7SP064011**	**7SP064012**	**7SP064013**	**7SP064014**
Sound pressure level at 1 m	dB (A)	50	51	52	55	59
Sound level	dB (A)	60	61	63	65	69
Airflow	m³/h	1400	1950	1950	2100	2800
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	710x450x293	732x555x330	732x555x330	732x555x330	873x555x376
Package dimensions (WxHxD)	mm	764x330x525	794x376x615	794x376x615	794x376x615	951x431x620
Net weight/Gross weight	kg	21/23	23.5/26	24.5/27	27.5/30	36.5/39.5
POWER SUPPLY						
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G1.5	3G1.5	3G1.5	3G2.5
Fuse rating am	A	16	16	16	16	16
Electrical connections	mm²	4G1	4G1	4G1	4G1	4G1
PIPE LINE						
Suction pipe diameter	inches	3/8"	3/8"	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	1/4"
Max. length	m	15	15	20	25	25
Max. height	m	10	10	10	10	10
Refrigerant/GWP		**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**
Charge (5 m)	kg	0.45	0.48	0.6	0.77	1.21
Additionnal charge	g/m	16	16	16	16	16

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
HIGH WALL	MONOSPLIT	MULTISPLIT
		
HDLE	YDAE	ZDAE

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

26-AW-PRODUCT LEAFLET-HDLE-EN-0126 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

+ PRODUCT

- Remote controls with matching design
- Heating performance down to -20°C
- Anti-cold air
- Louver position memory
- 7 fan speeds

Technology

BLUE FIN TREATMENT EXCHANGERS

Air quality

I CLEAN MODE · ANTI-COLD AIR · INDEPENDENT DE-HUMIDIFICATION

User functions

I FEEL · NIGHT MODE · QUIET MODE · REFRIGERANT LEAKAGE DETECTOR · PROGRAMMABLE TIMER · AUTO RESTART (MEMORY) · REMOTE CONTROL LOCK · 7 VENTILATION SPEEDS · I SET · OPERATOR MODE (B/O)

Installer functions

ERROR CODE VIA INDOOR UNIT · AUTO-DIAGNOSTIC · LEFT/RIGHT DRAIN CONNECTION · DRY CONTACT ON/OFF

CERTIFICATION

- AIRWELL participates in the ECP program for AC1. Check ongoing validity of certificate: www.eurovent-certification.com

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

NEW

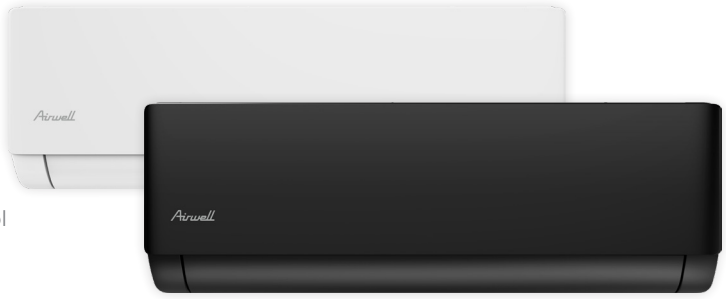
HDLS

High wall

COOLING A++ · HEATING A+ · FLUID R32



Remote control included





Remote control included

SUSTAINABLE DEVELOPMENT

- Energy class A++ (cooling) and A+ (heating, average climate) for maximum efficiency.
- R32 refrigerant: environmentally friendly with low carbon impact.
- ECO mode: automatically reduces energy consumption.
- GEN mode: optimizes performance and limits energy usage.
- Wide voltage start-up (165–265 V): ensures stability even with electrical fluctuations.

USER

- 7 fan speeds for personalized comfort.
- Silence mode: ultra-quiet operation for total comfort.
- Night mode: regulated temperature for peaceful sleep.
- 8°C heating mode: prevents room freezing in winter.
- Louver position memory: retains your preferences after restart.
- On/Off display and backlit remote control: easy to use.
- Auto-restart, self-diagnosis, and leak detection for optimal reliability.
- Intelligent cleaning and washable filters for clean, healthy air.

INSTALLER

- Dual drainage: flexible installation on left or right side.
- Emergency button: manual start during installation or testing.
- BMS compatibility: easy integration with central management systems.
- Anti-corrosion protection: increased durability in demanding environments.
- Intelligent defrost: reduces maintenance time and extends unit lifespan.
- Intuitive design: faster installation and simplified maintenance.

TECHNOLOGY

- Advanced inverter technology for precise, energy-efficient comfort.
- Auto mode: automatic selection of the optimal mode based on room temperature.
- “I Feel” function: sensor built into the remote for personalized comfort.
- Smart Airflow: automatic airflow direction based on heating/cooling mode.
- Turbo mode: ultra-fast cooling or heating.
- Cooling from –15°C to 53°C: guaranteed performance in all conditions.
- Intelligent defrost: reliable operation even at low temperature.

OPTIONS

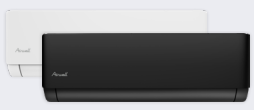
ACCESSORY	CODE	PICTURE	FUNCTION
Wired remote controller RCW34	**7ACEL1939**		• *Weekly timer, mode, fan speed, on/off timer, “I Feel” function, temperature control.*
Wi-Fi key	**7ACEL1954**		• *To monitor and control the units remotely.*

TECHNICAL DATA

INDOOR UNIT - WHITE		HDLS-025N-09M25	HDLS-035N-09M25	HDLS-050N-09M25	HDLS-070N-09M25
Code		**7SP024100**	**7SP024101**	**7SP024102**	**7SP024103**
INDOOR UNIT - BLACK		**HDLS-025N-09M25-BK**	**HDLS-035N-09M25-BK**	**HDLS-050N-09M25-BK**	**HDLS-070N-09M25-BK**
Code		**7SP024140**	**7SP024141**	**7SP024142**	**7SP024143**
Phase		*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*
COOLING					
Rated power (min./max.)	**kW**	**2.50 (0.94/3.30)**	**3.52 (1.00/4.10)**	**5.05 (1.25/5.30)**	**6.95 (1.50/7.35)**
Pdesignc	kW	2.5	3.5	5.0	6.9
Rated power input	kW	0.769	1.080	1.563	2.151
SEER/Energy label		**6.1 / A++**	**6.1 / A++**	**6.5 / A++**	**6.5 / A++**
Operating limits	°C	(-15) at 53	(-15) at 53	(-15) at 53	(-15) at 53
HEATING					
Rated power (min./max.)	**kW**	**2.75 (0.94/3.50)**	**3.76 (1.00/4.20)**	**5.11 (1.25/6.07)**	**6.95 (1.50/7.80)**
Pdesignh (average climate)	kW	2.4	2.5	4.1	5.2
Pdesignh (warmer climate)	kW	2.4	3.1	5.0	6.0
Rated power input	kW	0.733	1.006	1.375	1.873
SCOP/Energy label (average climate)		**4 / A+**	**4 / A+**	**4 / A+**	**4 / A+**
SCOP/Energy label (warmer climate)		**5.1 / A+++**	**5.1 / A+++**	**5.1 / A+++**	**5.1 / A+++**
Operating limits	°C	(-20) at 30	(-20) at 30	(-20) at 30	(-20) at 30
INDOOR UNIT					
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	26/32/38	27/33/39	31/37/43	35/42/48
Sound level	dB(A)	54	55	59	65
Airflow (LS/MS/HS)	m³/h	390/460/530	390/480/580	540/630/760	750/860/1050
Dehumidification	L/h	1	1.5	1.8	2.3
Unit dimensions (WxHxD)	mm	778x272x192	811x305x195	910x305x195	1005x321.5x220
Package dimensions (WxHxD)	mm	840x335x255	880x378x265	979x380x265	1096x390x297
Net weight/Gross weight	kg	7.3/9.5	8.3/11	9/11	12/14

OUTDOOR UNIT		YDAS-025R-09M25	YDAS-035R-09M25	YDAS-050R-09M25	YDAS-070R-09M25
Code		**7SP063295**	**7SP063296**	**7SP063297**	**7SP063298**
Sound pressure level at 1 m	dB(A)	54	55	55	57
Sound level	dB(A)	64	64	65	69
Airflow	m³/h	1700	2000	2600	3000
Compressor type	L/h	Rotary	Rotary	Rotary	Rotary
Unit dimensions (WxHxD)	mm	664x459x235	732x551x257	780x602x292	856x699x330
Package dimensions (WxHxD)	mm	765x481x310	732x551x257	890x628x385	949x732x392
Net weight/Gross weight	kg	20/22	22.5/25	30/32.5	37.5/40.5
POWER SUPPLY					
Phase/Voltage/Frequency		1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G1.5	3G1.5	3G2.5
Fuse rating am (courbe D)	A	16	16	16	20
Shielded electrical connections	mm²	4G1	4G1	4G1	4G1
PIPE LINE					
Gas pipe diameter	inches	3/8"	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"
Max. length	m	25	25	25	25
Max. height	m	10	10	10	10
Refrigerant/GWP		**R32/675**	**R32/675**	**R32/675**	**R32/675**
Charge (5 m)	kg	0.52	0.57	0.78	1.00
Additionnal charge	g/m	15	15	25	25

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT
HIGH WALL	MONOSPLIT
 HDLS	 YDAS

26-AW-PRODUCT LEAFLET-HDLS-EN-0426 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

Range
MULTISPLIT

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

MODELS

p.18	ZDAB	*Multisplit*	NEW	FLUID R32
p.20	ZDAA	*Multisplit*		FLUID R32

NEW - AVAILABLE T1 2026

ZDAB
Multisplit

COOLING A+++ | HEATING A++ | FLUID R32

+ PRODUCT

- Flexy Match (compatible with most of the range)
- Total piping length up to 80 m
- High performance
- Electronic expansion valve

Connectivity

HYBRID HOUSE by Airwell

Technology

ELECTRONIC EXPANSION VALVE

GOLDEN FIN TREATMENT EXCHANGER

Installer functions

AUTO-DIAGNOSTIC



ZDAB 2050



ZDAB 3080

COMPATIBLE WITH:

High wall HDMC 25/35/50/70



High wall HDMB Harmonia 25/35/50/70



High wall HDHC Artica 25/35/50/70



Console XDMX 25/35/50



Floor ceiling FDMX 50



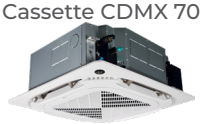
Ducted DDMD 25/35/50/70



Cassette CDMD 25/35/50



Cassette CDMX 70



SUSTAINABLE DEVELOPMENT

- High energy label A++ (cooling mode) / A+ (heating mode).
- Energy savings (heating mode only, limit of setpoints).

USER

- A large choice of indoor units.
- Small footprint with a single outdoor unit.

INSTALLER

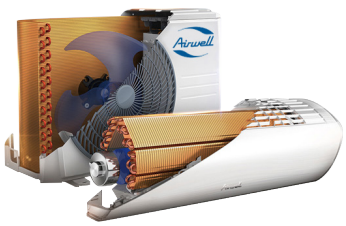
- Scalable and flexible installation.
- Long piping.

TECHNOLOGY

- High corrosion resistance with the Golden Fin.
- Refrigerant leak detection.

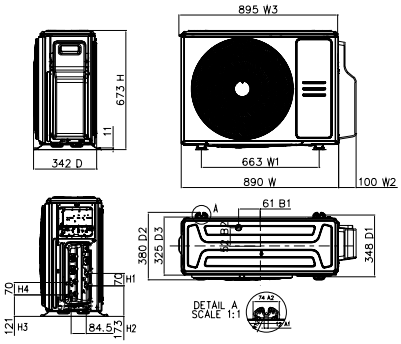
Longer product service life:

- ***Golden Fin exchanger.***
- ***Anti-corrosion treatment on PCB.***

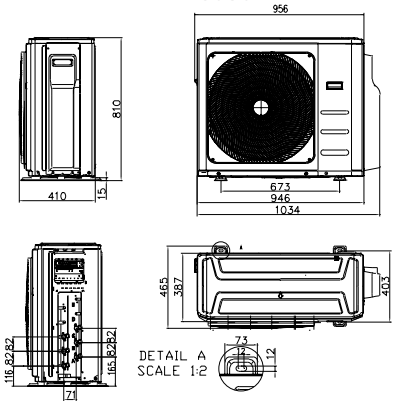


TECHNICAL DRAWS

ZDAB 2050



ZDAB 3080



TECHNICAL DATA

OUTDOOR UNIT			ZDAB-2050-09M25	ZDAB-3080-09M25
Part number			**7SP091220**	**7SP091221**
Phase			*Single-phase*	*Single-phase*
COOLING				
Rated power (min./max.)		**kW**	**5.30 (2.43~5.86)**	**7.90 (2.20~8.50)**
Pdesignc		kW	5.30	7.90
Rated power input / EER		kW	1.18	1.98
SEER/Energy label			**8.5/A+++**	**8.5/A+++**
Operating limits		°C	-15°/50° Dry bulb	
HEATING				
Rated power (min./max.)		**kW**	**5.30 (1.76~6.45)**	**8.20 (1.47~8.50)**
Pdesignh (average climate)		kW	4.40	6.00
Pdesignh (warmer climate)			5.70	6.20
Rated power input		kW	1.18	2.16
SCOP/Energy label (average climate)			**4.6/A++**	**4.6/A++**
SCOP/Energy label (warmer climate)			**5.7/A+++**	**5.1/A+++**
Operating limits		°C	-15°/24° Dry bulb	
OUTDOOR UNIT				
Sound pressure level at 1 m		dB(A)	59	62
Sound level		dB(A)	65	66
Airflow		m^3/h	3000	4000
Compressor type			Rotary	Rotary
Outline dimensions (WxHxD)		mm	890x673x342	946x810x410
Package dimensions (WxHxD)		mm	1030x750x438	1090x885x500
Net weight/Gross weight		kg	45/48.5	61/66
POWER SUPPLY				
Phase/Voltage/Frequency			1P/230V/50Hz	1P/230V/50Hz
Power supply side			Outdoor	Outdoor
Power cable section		mm^2	3x2.5	3x2.5
Fuse rating am		A	20	25
Electrical connections in/out		mm^2	2 x (4x1.5)	3x (4x1.5)
PIPE LINE				
Suction pipe diameter		inches	2x 3/8"	2x3/8" + 1x1/2"
Liquid pipe diameter		inches	2x 1/4"	3x1/4"
Max. length		m	40	60
Max. length per circuit		m	25	30
Max. height between indoor and oudoor unit	Outdoor unit higher than indoor unit	m	15	15
	Outdoor unit lower than indoor unit	m	15	15
Max. height between indoor units		m	10	10
Refrigerant/GWP			**R32/675**	**R32/675**
Charge		kg	1.5	2.1
Totale length charge		m	15	22.5
Additionnal charge		g/m	12	12

Pictures non contractual. Printed in UE. Specifications subject to change without notice.

26-AW-PRODUCT LEAFLET-ZDAB-EN-0326 - GROUPE AIRWELL SA

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

R32

DC Inverter Reversible

A++ HYBRID HOUSE by Airwell

A+

ZDAA
Multisplit



Compatible
WITH:

> High wall HDHC Artica 25/35/50/70



> High wall HDMB Harmonia 25/35/50/70



White



Mirror



Grey

> High wall HDLA 22/25/35/50/70



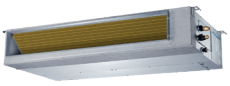
> Console XDMX 35/50



> Floor ceiling FDMX 50/70



> Ducted DDMX 22/35/50/70



> Cassette CDMX 22/25/35/50/70



✚ PRODUCT

- Flexy Match (compatible with most of the range)
- Total piping length up to 80 m
- High capacity compared with market average
- Electronic expansion valve

FEATURES

TECHNOLOGY

ELECTRONIC EXPANSION VALVE

GOLDEN FIN TREATMENT

INSTALLER FUNCTIONS

AUTO-DIAGNOSTIC

CERTIFICATION

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

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Models marked * are not Eurovent certified

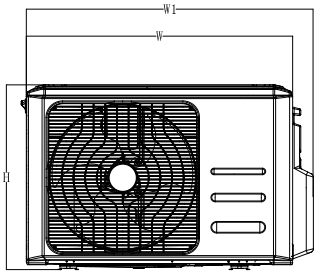
⊕ "SUSTAINABLE DEVELOPMENT"
> High energy label A++ (cooling mode) / A+ (heating mode).
> Energy savings (heating mode only, setpoint limits).

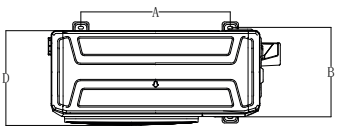
⊕ "USER"
> A large choice of indoor units.
> Small footprint with a single outdoor unit.

⊕ "INSTALLER"
> Scalable and flexible installation.
> Long piping.

⊕ "TECHNOLOGY"
> High corrosion resistance with the Golden Fin.
> Refrigerant leak detection.

TECHNICAL DRAWS





DIMENSIONS (mm)

MODEL	W	D	H	W1	A	B
ZDAA-2040-09M25	805	330	554	877	511	317
ZDAA-2050-09M25	805	330	554	877	511	317
ZDAA-3080-09M25	890	342	673	990	663	354
ZDAA-4090-09M25	946	410	810	1034	673	403
ZDAA-5130-09M25	946	410	810	1034	673	403

ZDAA
Multisplit

TECHNICAL DATA

		NEW				
OUTDOOR UNIT		**ZDAA-2040-09M25**	**ZDAA-2050-09M25**	**ZDAA-3080-09M25**	**ZDAA-4090-09M25***	**ZDAA-5130-09M25***
Part number		**7SP091194**	**7SP091195**	**7SP091196**	**7SP091197**	**7SP091198**
Phase		*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*
COOLING						
Rated power (min./max.)	**kW**	**4.10 (1.47~4.69)**	**5.28 (2.28~5.70)**	**7.91 (3.08~8.21)**	**10.55 (2.05-10.55)**	**12.31 (3.17-12.31)**
Pdesignc	kW	4.10	5.30	7.90	10.50	12.30
Rated power input	kW	1.27	1.63	2.45	3.52	3.81
SEER/Energy label		6.1/A++	6.3/A++	6.3/A++	6.3/A++	6.1/A++
Operating limits	°C			-15°/50° Dry bulb		
HEATING						
Rated power (min./max.)	**kW**	**4.40 (1.62-4.99)**	**5.57 (2.40~5.74)**	**8.21 (2.40~8.21)**	**10.55 (2.34-11.14)**	**12.31 (3.37-12.31)**
Pdesignh (average climate)	kW	3.90	4.50	5.70	8.80	9.50
Pdesignh (warmer climate)		4.10	5.00	6.00	9.80	9.80
Rated power input	kW	1.18	1.50	2.21	2.88	3.31
SCOP/Energy label (average climate)		3.8/A	4.0/A+	4.0/A+	4.0/A+	3.8/A
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++
Power at -7°C	kW	4.09	4.90	6.73	8.23	8.74
Power at -10°C	kW	3.21	3.62	5.66	6.86	7.39
Power at -15°C	kW	2.86	3.23	5.09	6.44	7.02
Operating limits	°C			-15°/24° Dry bulb		
OUTDOOR UNIT						
Sound pressure level at 1 m	dB(A)	54	54	56	57	56
Sound level	dB(A)	65	65	68	69	69
Airflow	m³/h	2100	2100	3000	4000	3850
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	805x554x330	805x554x330	890x673x342	946x810x410	946x810x410
Package dimensions (WxHxD)	mm	915x615x370	915x615x370	1030x750x438	1090x875x500	1090x875x500
Net weight/Gross weight	kg	32/35	35/38	48/51.8	68.8/75.6	73.3/80.4
POWER SUPPLY						
Phase/Voltage/Frequency		1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G1.5	3G2.5	3G4	3G4
Fuse rating am	A	16	16	20	25	25
Electrical connections in/out	mm²	2 x (4G1.5)	2 x (4G1.5)	3x (4G1.5)	4 x (4G1.5)	5 x (4G1.5)
PIPE LINE						
Suction pipe diameter	inches	2x3/8"	2x3/8"	3x3/8"	3x3/8"+1x1/2"	4x3/8"+1x1/2"
Liquid pipe diameter	inches	2x1/4"	2x1/4"	3x1/4"	4x1/4"	5x1/4"
Max. length	m	40	40	60	80	80
Max. length per circuit	m	25	25	30	35	35
Max. height between indoor and oudoor unit — Outdoor unit higher than indoor unit	m	15	15	15	15	15
Max. height between indoor and oudoor unit — Outdoor unit lower than indoor unit	m	15	15	15	15	15
Max. height between indoor units	m	10	10	10	10	10
Refrigerant/GWP		**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**
Charge	kg	1.10	1.25	1.85	2.10	2.90
Totale length charge	m	15	15	22.5	30	37.5
Additionnal charge	g/m	12	12	12	12	12

Range

CONSOLE & FLOOR STANDING

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

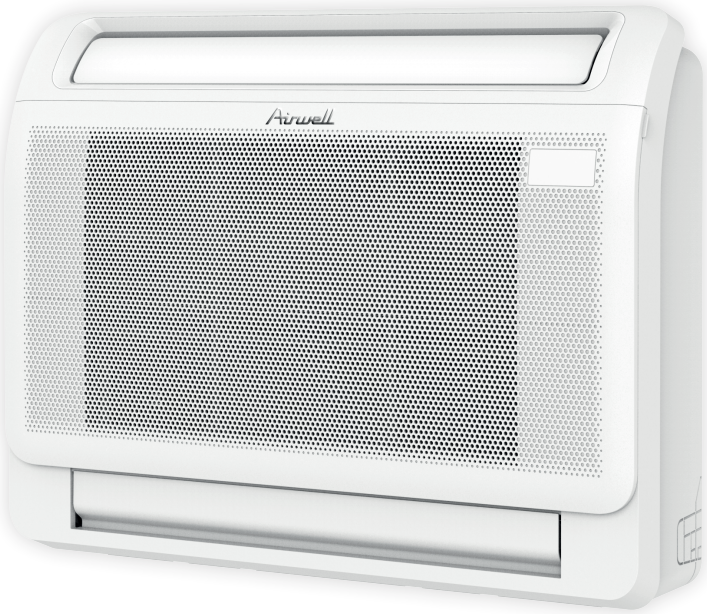
MODELS

p.23	**XDMX**	*Dual-flow console*	FLUID R32
p.25	**FDMX**	*Floor ceiling*	FLUID R32
p.27	**FDLK**	*Low temperature floor ceiling*	FLUID R32

XDMX

Dual-flow console

COOLING **A++** | HEATING **A+** | FLUID **R32**





RC18 included

+ PRODUCT

- RC18 remote control included
- Design
- Performance
- Quiet
- Compatible multisplit ZDAA

Connectivity

Air Home

HYBRID HOUSE by Airwell

Technology

FLEXY MATCH | ELECTRONIC EXPANSION VALVE | GOLDEN FIN TREATMENT

Air quality

ANTIBACTERIAL FILTER

User functions

I FEEL | NIGHT MODE | PROGRAMMABLE TIMER | AUTO RESTART (MEMORY)

TEMPERATURE LOCK | MODE LOCK | WI-FI

Installer functions

HEATING MODE ONLY

CERTIFICATION

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

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Certified performance in monosplit configuration

"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.
- 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.).

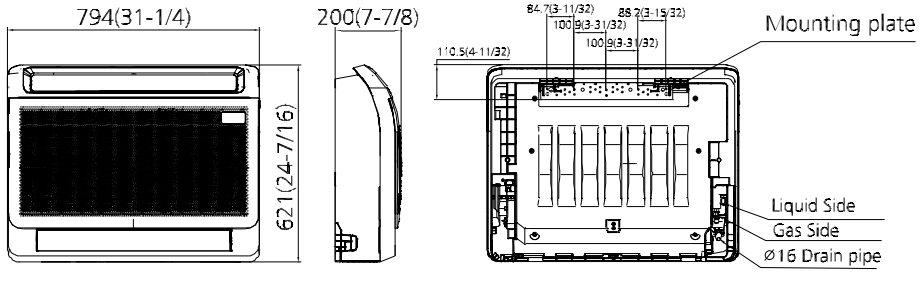
"INSTALLER"

- 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.

"TECHNOLOGY"

- Installer mode for direct reading of the probes on the indoor unit.
- Technician mode for setting the operating temperatures.

TECHNICAL DRAWS



TECHNICAL DATA

INDOOR UNIT		XDMX-035N-09M25	XDMX-050N-09M25
Part number		**7SP071435**	**7SP071436**
Phase		*Single-phase*	*Single-phase*
COOLING			
Rated power (min./max.)	**kW**	**3.52 (0.76~4.25)**	**4.98 (2.64~5.57)**
Pdesignc	kW	3.50	5.00
Rated power input / EER	kW	1.00/3.52	1.50/3.32
SEER/Energy label		7.3/A++	6.7/A++
Operating limits	°C	-15°/50° Dry bulb	
HEATING			
Rated power (min./max.)	**kW**	**3.81 (0.45~4.69)**	**5.28 (2.20~6.30)**
Pdesignh (average climate)	kW	2.60	4.00
Pdesignh (warmer climate)	kW	3.40	5.00
Rated power input / COP	kW	0.98/3.88	1.42/3.71
SCOP/Energy label (average climate)		4.0/A+	4.0/A+
SCOP/Energy label (warmer climate)		5.5/A+++	5.0/A++
Operating limits	°C	-15°/24° Dry bulb	
Power at -7°C	kW	3.18	4.86
Power at -10°C	kW	3.04	4.64
Power at -15°C	kW	2.85	4.35
INDOOR UNIT			
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	27/34/37	32/38/41
Sound level	dB(A)	54	55
Airflow (LS/MS/HS)	m³/h	490/580/650	600/690/780
Dehumidification	l/h	1.2	1.8
Outline dimensions (WxHxD)	mm	794x621x200	794x621x200
Package dimensions (WxHxD)	mm	865x280x719	865x280x719
Net weight/Gross weight	kg	14.9/18.8	14.9/18.8

OUTDOOR UNIT		YDAX-035H-09M25	YDAX-050H-09M25
Part number		**7SP063170**	**7SP063171**
Sound pressure level at 1 m	dB(A)	51	52
Sound level	dB(A)	62	63
Airflow	m³/h	2200	2100
Compressor type		Rotary DCI	Rotary DCI
Outline dimensions (WxHxD)	mm	765x555x303	805x554x330
Package dimensions (WxHxD)	mm	887x610x337	915x615x370
Net weight/Gross weight	kg	26.6/29.4	32.5/35.3
POWER SUPPLY			
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side		Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G1.5
Fuse rating am	A	16	16
Electrical connections in/out	mm²	4G1.5	4G1.5
PIPE LINE			
Suction pipe diameter	inches	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"
Max. length	m	25	30
Max. height	m	10	20
Refrigerant/GWP		**R32/675**	**R32/675**
Charge (5m)	kg	0.71	1.15
Additionnal charge	g/m	12	12

Warning: This appliance is not suitable for damp rooms such as bathrooms, kitchens or laundry rooms.

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
CONSOLE	MONOSPLIT	MULTISPLIT
		
XDMX	YDAX	ZDAA

Ecodesign
24-AW-PRODUCT LEAFLET-XDMX-EN-0924 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

R32

DC Inverter Reversible

A++

A+

FDMX

Floor ceiling





RC18 included



+ PRODUCT

- RC18 remote control included
- Floor or ceiling installation
- Slim
- Long distance air throw
- Compatible with YDZC and ZDAA multisplits

FEATURES

TECHNOLOGY

FLEXY MATCH

ELECTRONIC EXPANSION VALVE

GOLDEN FIN TREATMENT

AIR QUALITY/CLEAN

ANTIBACTERIAL FILTER

USER FUNCTIONS

TIMER

I FEEL

NIGHT MODE

RESTART

AUTO RESTART (MEMORY)

CERTIFICATION

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

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Models marked * are not Eurovent certified

⊕ "SUSTAINABLE DEVELOPMENT"

> Energy label A++ in cooling mode and A+ in heating mode depending on model, guaranteeing energy savings.

⊕ "USER"

> Discreet thanks to its small depth (235 mm).
> Wall or ceiling installation, ideal to suit the room configuration.

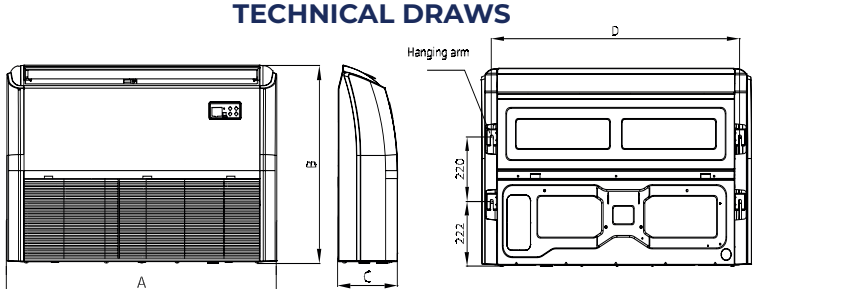
⊕ "INSTALLER"

> Parameter reading.
> Air louvers optimized for blowing up to 11 m.
> Maximum piping length up to 75m adapted to complex and remote installation.

⊕ "TECHNOLOGY"

> Multi-directional air louvers for air distribution throughout the room.
> Room sensor built into the remote control for better comfort ("I Feel" mode by pressing the TURBO button on the remote control for 7 s).
> On/Off contact included associated with a "room card" or other solution (not supplied) for better control and for energy savings.
> Alarm contact (synthesis fault) included.
> Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.
> Wide operating range of -15° to 50°C in cooling mode and -15° to 24°C in heating mode.

TECHNICAL DRAWS



DIMENSIONS (mm)

MODEL	A	B	C	D
050N-070N	1068	675	235	983
100N-140N-175N	1650	675	235	1565

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote control RCW11	7ACEL1774		• *Weekly timer, mode, fan speed, On/Off timer, "I Feel" function, temperature.*
Wired remote control RCW26	7ACEL1876		• *Controls until 16 indoor units.*
Condensate pump Mini Flowatch MF2	7ACTL0517		• *Condensate evacuation from indoor units.*
LCAC Wi-Fi accessory	7ACEL1883		• *Accessory for remote control via Wi-Fi.*

TECHNICAL DATA

INDOOR UNIT		FDMX-050N-09M25	FDMX-070N-09M25	FDMX-100N-09M25	FDMX-100N-09M25	FDMX-140N-09M25*	FDMX-175N-09M25*
Part number		**7SP012300**	**7SP012301**	**7SP012302**	**7SP012302**	**7SP012303**	**7SP012304**
Phase		*Single-phase*	*Single-phase*	*Single-phase*	*Three-phase*	*Three-phase*	*Three-phase*
COOLING							
Rated power (min./max.)	**kW**	**5.28 (2.71~5.86)**	**7.03 (3.22~7.77)**	**10.55 (2.73~11.43)**	**10.55 (2.73~11.78)**	**14.07 (3.52~15.24)**	**15.83 (4.10~16.71)**
Pdesignc	kW	5.40	7.20	10.50	10.50	14.00	15.50
Rated power input	kW	1.45	2.30	3.90	4.00	5.00	5.65
SEER/Energy label		6.2/A++	6.1/A++	6.4/A++	6.2/A++	6.1/A++	6.1/A++
Operating limits	°C	-15°~50°C Dry bulb					
HEATING							
Rated power (min./max.)	**kW**	**5.57 (2.42~6.30)**	**7.62 (2.72~8.29)**	**11.72 (2.78~12.78)**	**11.72 (2.81~12.78)**	**16.12 (4.10~17.00)**	**18.17 (4.40~19.64)**
Pdesignh (average climate)	kW	4.00	5.50	8.60	8.60	11.20	11.90
Pdesignh (warmer climate)	kW	5.10	5.80	10.20	10.00	11.70	12.60
Rated power input	kW	1.50	2.05	3.35	3.35	5.10	6.05
SCOP/Energy label (average climate)		4.0/A+	4.0/A+	4.1/A+	4.0/A+	3.9/A	4.0/A+
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++
Operating limits	°C	-15°~24°C Dry bulb					
Power at -7°C	kW	4.30	5.94	9.21	9.08	11.76	12.76
Power at -10°C	kW	4.11	5.67	8.79	8.67	11.23	12.18
Power at -15°C	kW	3.85	5.31	8.23	8.12	10.51	11.41
INDOOR UNIT							
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	37/41/44	43/47/51	45/48/51.5	45/47.5/51	46/50/53	48/52/55
Sound level	dB(A)	59	55	65	65	67	67
Airflow (LS/MS/HS)	m^3/h	723/839/958	853/1023/1192	1504/1728/1955	1504/1728/1955	1600/1850/2100	1650/1950/2200
Dehumidification	l/h	1.80	2.40	3.60	3.60	4.80	5.50
Outline dimensions (WxHxD)	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
Package dimensions (WxHxD)	mm	1145x755x318	1145x755x318	1725x755x318	1725x755x318	1725x755x318	1725x755x318
Net weight/Gross weight	kg	28/33.4	28/33.2	41.5/48.1	41.5/48.1	41.7/48.6	42.3/49.3

OUTDOOR UNIT		YDAX-050H-09M25	YDAX-070H-09M25	YDAX-100H-09M25	YDAX-100H-09T35	YDAX-140H-09T35	YDAX-175H-09T35
Part number		**7SP063171**	**7SP063172**	**7SP063173**	**7SP063174**	**7SP063175**	**7SP063176**
Sound pressure level at 1 m	dB(A)	54	56	59	59	63	62
Sound level	dB(A)	65	67	70	74	74	73
Airflow	m^3/h	2100	3500	4000	4000	7500	7500
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	805x554x330	890x673x342	946x810x410	946x810x410	952x1333x415	952x1333x415
Package dimensions (WxHxD)	mm	915x615x370	995x740x398	1090x885x500	1090x885x500	1095x1480x495	1095x1480x495
Net weight/Gross weight	kg	32.5/35.3	43.9/46.7	66.9/72.1	75.5/85.6	103.7/118.3	107.0/121.2
POWER SUPPLY							
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm^2	3G1.5	3G2.5	3G4.0	5G2.5	5G2.5	5G2.5
Fuse rating am	A	16	20	25	16	16	16
Electrical connections in/out	mm^2	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5
PIPE LINE							
Suction pipe diameter	inches	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Max. length	m	30	50	75	75	75	75
Max. height	m	20	25	30	30	30	30
Refrigerant/GWP		**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**
Charge (5 m)	kg	1.15	1.50	2.40	2.40	2.90	3.00
Additionnal charge	g/m	12	24	24	24	24	24

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT		
FLOOR CEILING	MONOSPLIT	MULTISPLIT	
 FDMX 050N & 070N	 YDAX	 ZDAA	 YDZC
 FDMX 100N to 175N	 YDAX		

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

23-AW-PRODUCT LEAFLET-FDMX-EN-1023 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

R32

DC Inverter
Cooling only

A++

FDLK

Low temperature floor ceiling





RCW25
included

+ PRODUCT

- RCW25 remote control included
- Minimum temperature setpoint of 12 °C
- Robust and resistant: metal structure

FEATURES

TECHNOLOGY

ELECTRONIC EXPANSION VALVE

AIR QUALITY/CLEAN

FRESH AIR

USER FUNCTIONS

I FEEL · NIGHT MODE · PROGRAMMABLE TIMER · AUTO RESTART (MEMORY)

REMOTE CONTROL LOCK

INSTALLER FUNCTIONS

ERROR PART NUMBER VIA INDOOR UNIT · SELF DIAGNOSTIC · LEFT/RIGHT DRAIN CONNEXION · ALARM OUTPUT

DRY CONTACT ON/OFF · TECHNICIAN TEST MODE

THE ⊕ «SUSTAINABLE DEVELOPMENT»

> High energy class A++.

THE ⊕ «USER»

> Dedicated solution for low temperature locations (wine cellars, preparation rooms, household waste areas, etc.).
> The indoor unit is more compact and lighter than the previous version, allowing it to be easily integrated even in small spaces.
> With an optimized air flow rate, the temperature set point can be achieved more quickly.

THE ⊕ «INSTALLER»

> Ease of installation.

THE ⊕ «TECHNOLOGY»

> Oversized coils (no icing and LP protection).

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Water pump Mini Flowatch MF2	7ACTL0517		• *Evacuates condensate from indoor units.*

Dedicated for any low temperature process rooms

> Minimum temperature setpoint of **12 °C**



TECHNICAL DATA

INDOOR UNIT		FDLK-050N-09M25	FDLK-070N-09M25
Part number		**7SP012315**	**7SP012316**
Phase		*Single phase*	*Single phase*
COOLING			
Rated power (min./max.)	**kW**	**5.30 (2.00-5.60)**	**7.00 (3.50-8.00)**
Pdesignc	kW	5.30	7.10
Rated power input	kW	1.495	2.093
SEER/Energy label		6.1/A++	6.1/A++
Operating limits	°C	-15°/50° Dry bulb	
INDOOR UNIT			
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	36/42/47	36/42/47
Sound level	dB(A)	52	52
Airflow (LS/MS/HS)	m³/h	900/1050/1200	900/1050/1200
Dehumidification	l/h	1.80	2.40
Outline dimensions (WxHxD)	mm	1050x675x235	1050x675x235
Package dimensions (WxHxD)	mm	1130x765x330	1130x765x330
Net weight/Gross weight	kg	26.5/31	26.5/31

OUTDOOR UNIT		YDAK-050R-09M25	YDAK-070R-09M25
Part number		**7SP063195**	**7SP063196**
Sound pressure level at 1 m	dB(A)	52	54
Sound level	dB(A)	66	68
Airflow	m³/h	1950	3200
Compressor type		Rotary DCI	Twin Rotary DCI
Outline dimensions (WxHxD)	mm	880x555x345	935x702x382
Package dimensions (WxHxD)	mm	920x600x380	975x770x435
Net weight/Gross weight	kg	32.5/35	48.7/52.6
POWER SUPPLY			
Phase/Voltage/Frequency		1P/230V/50Hz	1P/230V/50Hz
Power supply side		Outdoor	Outdoor
Power cable section	mm²	3x2.5	3x2.5
Fuse rating am (D curve)	A	20	20
Electrical connections	mm²	4x1.5	4x1.5
PIPE LINE			
Suction pipe diameter	inches	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	3/8"
Max. length	m	15	20
Max. height	m	8	10
Refrigerant/GWP		**R32/675**	**R32/675**
Charge	kg	1.20	1.45
Additionnal charge	g/m	12	24

COMBINATION

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT
FLOOR CEILING	MONOSPLIT
 FDLK	 YDAK

22-AW-PRODUCT LEAFLET-FDLK-EN-0222 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

Range

DUCTED

MODELS

p.30 **DDMD** *Medium-pressure ducted* NEW FLUID R32

NEW

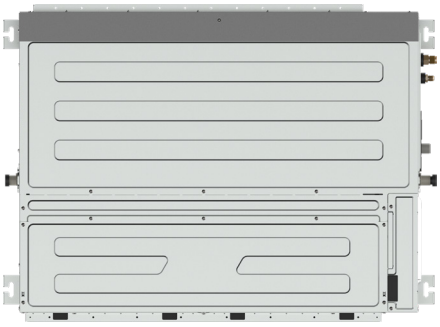
DDMD

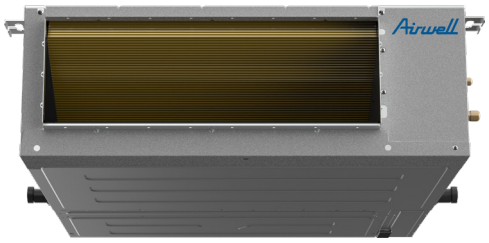
Medium-pressure ducted

COOLING A++ | HEATING A+ | FLUID R32



RCW32 included





+ PRODUCT

- RCW32 remote control included
- Horizontal or vertical installation
- Multisplit compatible
- Wellzone / Airzone / Koolnova / Madel compatible

Connectivity

Air Home

Technology

FLEXY MATCH | ELECTRONIC EXPANSION VALVE | GOLDEN FIN TREATMENT | OPTIPOWER | HORIZONTAL OR VERTICAL INSTALLATION

Air quality

ANTIBACTERIAL FILTER | FRESH AIR SUPPLY

User functions

I FEEL | QUIET MODE | REFRIGERANT LEAKAGE DETECTOR | PROGRAMMABLE TIMER | WEEKLY TIMER | TIMER | AUTO RESTART (MEMORY) | REMOTE CONTROL LOCK | WI-FI | TEMPERATURE LOCK | MODE LOCK

Installer functions

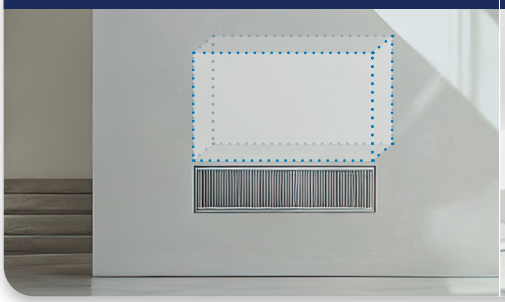
ERROR CODE VIA INDOOR UNI | AUTO-DIAGNOSTIC | BUILT-IN CONDENSATE PUMP | ALARM OUTPUT | DRY CONTACT ON/OFF | BMS COMPATIBLE | TECHNICIAN TEST MODE | HEATING MODE ONLY

CERTIFICATION

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

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Models marked * are not Eurovent certified

VERTICAL INSTALLATION	HORIZONTAL INSTALLATION
	

"SUSTAINABLE DEVELOPMENT"

- Energy label A++ in cooling mode and A+ in heating mode.

"USER"

- Even more compact, only 245 mm high. Perfect for small suspended ceilings.
- Integrated condensate pump from size 5 kW upwards (1000 mm rise).
- Fresh air can be supplied.
- Horizontal and vertical installation possible.
- Flexible condensate pump for vertical and horizontal installation.
- Adjustable air intake.

"INSTALLER"

- Invisible solution.
- Quiet operation.
- New thermostat with built-in WiFi.

"TECHNOLOGY"

- On/Off contact.
- Alarm output.
- Improved static pressure.
- Electronic expansion valve.
- Golden Fin treatment.
- Constant airflow function, the unit automatically increases static pressure to maintain a constant airflow.
- OptiPower allows you to reduce consumption by 25% or 50%.

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wireless controller RC18	**7ACEL1898**		• *Fan speed mode, On/Off timer, "I Feel" function, technician test mode.*
Wired remote control RCW26	**7ACEL1876**		• *Controls until 16 indoor units.*
Insulated air duct plenum	**7ACVF0136**		• *3 outputs DN160. For DDMD 50.*
	7ACVF0137		• *3 outputs DN160. For DDMD 70.*
	7ACVF0138		• *3 outputs DN160. For DDMD 90-100.*
	7ACVF0139		• *3 outputs DN160. For DDMD 140-175.*

TECHNICAL DATA

INDOOR UNIT		DDMD-025N-09M25	DDMD-035N-09M25	DDMD-050N-09M25	DDMD-070N-09M25	DDMD-090N-09M25	DDMD-100N-09M25	DDMD-100N-09M25	DDMD-120N-09M25*	DDMD-140N-09M25*	DDMD-175N-09M25*
Part number		**7SP033095**	**7SP033096**	**7SP033097**	**7SP033098**	**7SP033099**	**7SP033100**	**7SP033100**	**7SP033101**	**7SP033102**	**7SP033103**
Phase		*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*	*Three-phase*	*Single-phase*	*Three-phase*	*Three-phase*
COOLING											
Rated power (min./max.)	**kW**	**2.64 (0.35~3.82)**	**3.52 (0.53~3.91)**	**5.28 (1.32~6.16)**	**7.09 (3.23~7.92)**	**8.79 (2.23~9.97)**	**10.55 (2.75~11.73)**	**10.55 (2.726~11.73)**	**12.11 (2.93~12.31)**	**14.07 (3.52~15.83)**	**15.24 (4.10~17.29)**
Pdesignc	kW	2.1	2.7	4.3	5.6	8.0	8.4	8.8	9.5	11.5	12.5
Rated power input (min./max.)/ EER	kW	0.720 (0.14~1.18) / 3.67	1.16 (0.15~1.46) / 3.04	1.59 (0.36~2.13) / 3.32	2.28 (0.75~2.86) / 3.11	2.80 (0.19~3.45) / 3.14	3.95 (0.90~4.30) / 2.71	3.90 (0.89~4.20) / 2.71	4.00 (0.68~4.50) / 3.03	4.70 (0.81~6.15) / 2.99	5.25 (1.03~6.65) / 2.90
SEER/Energy label		6.5/A++	6.5/A++	6.5/A++	6.6/A++	6.6/A++	6.3/A++	6.1/A++	6.1/A++	6.1/A++	6.1/A++
Operating limits	°C	-15~50									
HEATING											
Rated power (min./max.)	**kW**	**2.93 (0.94~3.48)**	**3.81 (1.00~4.47)**	**6.01 (1.50~6.31)**	**8.00 (2.79~8.56)**	**9.38 (2.70~10)**	**11.72 (2.78~12.61)**	**11.72 (2.78~12.84)**	**13.48 (3.37~14.07)**	**16.12 (4.11~17.59)**	**18.18 (4.40~20.52)**
Pdesignh (average climate)	kW	2.1	2.7	4.3	5.6	8.0	8.4	8.8	9.5	11.5	12.5
Pdesignh (warmer climate)	kW	2.8	3.4	5.2	6.5	8.2	10	10.0	10.2	11.2	12.8
Rated power input (min./max.)/ COP	kW	0.85 (0.29~0.85) / 3.44	1.28 (0.30~1.42) / 2.98	1.61 (0.50~1.85) / 3.73	2.00 (0.64~2.50) / 4.00	2.40 (0.43~2.55) / 3.91	3.25 (0.80~3.95) / 3.55	3.30 (0.78~4.00) / 3.55	3.55 (0.75~4.10) / 3.80	4.60 (0.95~5.70) / 3.50	5.15 (0.95~6.60) / 3.53
SCOP/Energy label (average climate)		4.1/A+	4.1/A+	4.1/A+	4.2/A+	4.2/A+	4.1/A+	4.0/A+	4.1/A+	4.0/A+	4.0/A+
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++
Operating limits	°C	-15~24									
Power at -7°C	kW	2.41	2.93	4.86	7.29	7.59	9.07	8.77	9.89	13.33	14.19
Power at -10°C	kW	2.3	2.8	4.64	6.96	7.24	8.66	8.38	9.44	12.73	13.54
Power at -15°C	kW	2.15	2.62	4.35	6.51	6.78	8.11	7.84	8.84	11.92	12.68
INDOOR UNIT											
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	35/33/31	35/33/31	36.5/34/31	33.5/32.5/31	39/37/35	38/36/33	40/37/34	39/37.5/36	43.5/41.5/39.5	44.5/43/41.5
Sound level	dB(A)	52	52	53	56	60	62	62	62	64	66
Airflow (LS/MS/HS)	m³/h	620/540/450	660/570/470	900/780/650	1200/1000/700	1500/1200/900	1700/1400/1100	1700/1400/1100	2000/1700/1300	2000/1700/1300	2200/1900/1500
External static pressure (standard/max.)	Pa	25/80	25/100	25/160	25/160	37/160	37/160	37/160	50/160	50/160	50/160
Dehumidification	l/h	0.7	1.2	1.8	2.4		3.6	3.6		4.8	5.5
Outline dimensions (WxHxD)	mm	700x506x200	700x506x200	700x750x245	1000x750x245	1000x750x245	1200x750x245	1200x750x245	1200x750x245	1200x750x245	1200x750x300
Package dimensions (WxHxD)	mm	860x540x285	860x540x285	925x850x298	1225x860x304	1225x860x304	1425x860x304	1425x860x304	1425x860x304	1425x860x304	1425x860x354
Net weight/Gross weight	kg	16.6/19.8	16.6/19.8	24.4/29	31.8/37.2	32.7/38.3	38.4/44.4	38.4/44.4	40.6/46.1	40.4/46.8	42.9/49.1

OUTDOOR UNIT		YDAX-025H-09M25	YDAX-035H-09M25	YDAX-050H-09M25	YDAX-070H-09M25	YDAX-090H-09M25	YDAX-100H-09M25	YDAX-100H-09T35	YDAX-120R-09M25	YDAX-140R-09T35	YDAX-175R-09T35
Part number		**7SP063240**	**7SP063170**	**7SP063171**	**7SP063254**	**7SP063256**	**7SP063173**	**7SP063174**	**7SP063245**	**7SP063247**	**7SP063249**
Sound pressure level at 1 m	dB(A)	53	53.6	56	60	59	59	59	61	62.5	63
Sound level	dB(A)	63	62	65	68	70	70	70	72	73	74
Airflow	m³/h	2200	2200	2100	3500	3800	4000	4000	4000	5600	5600
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	765x555x303	765x303x555	805x330x554	890x342x673	946x410x810	946x410x810	946x410x810	946x410x810	980x375x975	980x375x975
Package dimensions (WxHxD)	mm	887x610x337	887x337x610	915x370x615	995x398x740	1090x500x885	1090x500x885	1090x500x885	1090x500x885	1145x500x1080	1145x500x1080
Net weight/Gross weight	kg	24.6/27	26.6/29	32.5/35.2	43.9/46.9	66.9/71.5	66.9/71.5	80.5/85	71.0/75.0	90/105	92/107
POWER SUPPLY											
Phase/Voltage/Frequency		1Ph/220-240V/50Hz	1Ph/220-240V/50Hz	1Ph/220-240V/50Hz	1Ph/220-240V/50Hz	1Ph/220-240V/50Hz	1Ph/220-240V/50Hz	3Ph/380-415V/50Hz	1Ph/220-240V/50Hz	3Ph/380-415V/50Hz	3Ph/380-415V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G1.5	3G1.5	3G2.5	3G4.0	3G4.0	5G2.5	3G4.0	5G2.5	5G2.5
Fuse rating am	A	16	16	16	20	25	25	16	25	16	16
Electrical connections in/out	mm²	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5
PIPE LINE											
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Max. length	m	25	25	30	50	50	75	75	75	75	75
Max. height	m	10	10	20	25	25	30	30	30	30	30
Refrigerant/GWP		**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**
Charge (5 m)	kg	0.65	0.72	1.15	1.5	2.0	2.4	2.4	2.8	2.9	3.2
Additionnal charge	g/m	12	12	12	24	24	24	24	24	24	24

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
DUCTED	MONOSPLIT	MULTISPLIT
 DDMD	 YDAX	 ZDAA  YDZC

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

25-AW-PRODUCT LEAFLET-DDMD-EN-0425 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

Range

VENTILATION

MODELS

p.33 **JDAA** Airflow — *Thermodynamic dual-flow CMV* — FLUID R32

R32

Airflow

HYBRID HOUSE by Airwell

JDAA AIRFLOW

Thermodynamic dual flow CMV





Remote control included

+ PRODUCT

- Remote control included
- Excellent COP
- No handling of refrigerant
- Operates using 100% fresh air
- Compact unit

FEATURES



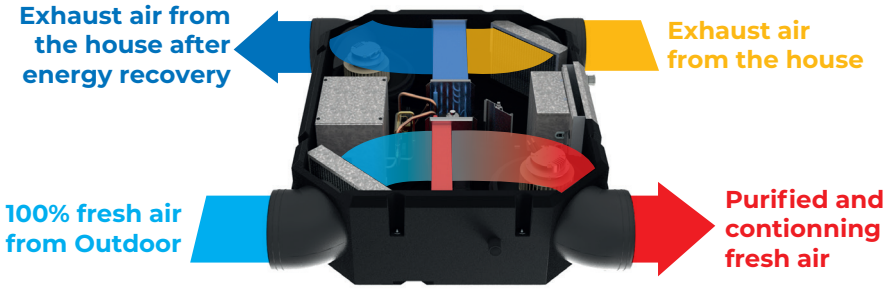


THE ⊕ «SUSTAINABLE DEVELOPMENT»
> High performance product with COP > 7.

THE ⊕ «USER»
> Allows you to renew the air in the home by heating or cooling the new air, thanks to a thermodynamic system.
> Operates using 100% fresh filtered air.

THE ⊕ «INSTALLER»
> Simple to install, thanks to its monobloc system.
> This unit adapts to any type of home.

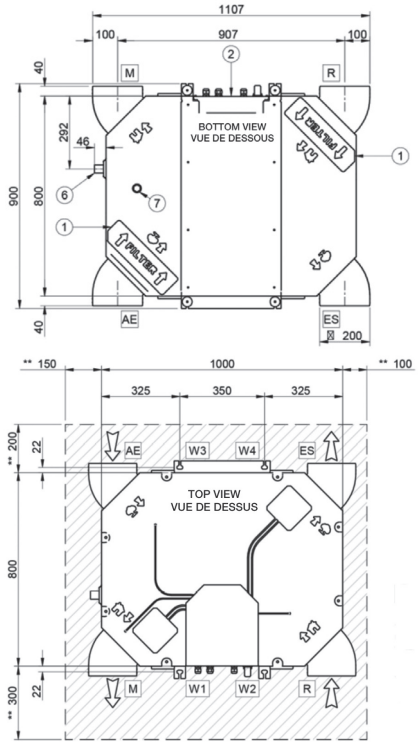
THE ⊕ «TECHNOLOGY»
> Monobloc system.
> Inverter technology.



TECHNICAL DATA

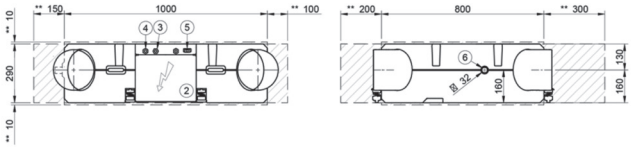
MODEL			JDAA-022R-09M25				
Part number			**7MB110001**				
Phase			*Single phase*				
Airflow		m³/h	125	150	210	270	320
HEATING MODE							
Outdoor air +7°C Air supply 20 °C	Heating capacity	kW	1.42	1.55	1.86	2.05	2.49
	Power input	kW	0.46	0.42	0.45	0.42	0.54
	COP		**3.09**	**3.69**	**4.13**	**4.93**	**4.61**
Outdoor air -5°C Air supply 20 °C	Heating capacity	kW	1.97	2.10	2.21	2.37	2.45
	Power input	kW	0.40	0.52	0.47	0.37	0.32
	COP		**4.93**	**4.04**	**4.70**	**6.50**	**7.66**
COOLING MODE							
Outdoor air 35°C Air supply 27°C	Cooling capacity	kW	1.57	1.64	1.73	1.92	2.07
	Power input	kW	0.36	0.52	0.53	0.55	0.81
	EER		**4.34**	**3.15**	**3.26**	**3.50**	**2.56**
Outdoor air 30°C Air supply 27°C	Cooling capacity	kW	0.92	1.38	1.47	1.72	2.07
	Power input	kW	0.36	0.52	0.48	0.54	0.81
	EER		**2.56**	**2.65**	**3.06**	**3.21**	**2.77**
PERFORMANCE							
Static pressure	Rated	Pa	50	50	50	50	50
	Max.	Pa	120	120	120	120	120
Sound power level		dB(A)	47	48	50	54	58
Sound pressure level (1)		dB(A)	34	35	37	41	45
OPERATING LIMITS							
Outdoor temperature	Cooling	°C	16/45				
	Heating	°C	-15/28				
POWER SUPPLY							
Phase/Voltage/Frequency			1P/230V/50Hz				
Fuse rating am		A	5				
INSTALLATION & OTHERS							
Refrigerant/GWP			**R32/675**				
Charge		kg	0.30				
Outline dimensions (WxHxD)		mm	1107x290x900				
Package dimensions (WxHxD)		mm	1200x320x100				
Net weight/Gross weight		kg	44/73				

(1) The sound levels refer to the unit at full load, in the rated test conditions.





N°	DESCRIPTION
1	• *Removable frame for bottom to the air filter*
2	• *Electrical panel*
3	• *Power input*
4	• *Keyboard connection*
5	• *Auxiliary connection*
6	• *Condensate drain connection*
7	• *Emergency drain*
W	• *Hanging brackets*
AE	• *Fresh air intake*
ES	• *Air exhaust*
M	• *Ambient air distribution*
R	• *Ambient air return*



GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

22-AW-PRODUCT LEAFLET-JDAA-EN-0222 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

Range

CASSETTE

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

MODELS

p.36	**CDMD**	*360° cassette*	NEW	FLUID R32
p.38	**CDMX**	*360° cassette*		FLUID R32

NEW

CDMD

360° cassette

COOLING A++ | HEATING A+++ | FLUID R32

+ PRODUCT

- RC18 remote control included
- New design
- Air quality (ionizer + filters)
- Multisplit compatible





RC18 included

Connectivity

With LCAC Wi-Fi module in optional

Technology

FLEXY MATCH | ELECTRONIC EXPANSION VALVE | MULTIFLOW 360° | GOLDEN FIN TREATMENT | OPTIPOWER

Air quality

IONIZER | ANTIBACTERIAL FILTER | FRESH AIR SUPPLY | HEPA 13 FILTER

User functions

I FEEL | QUIET MODE | REFRIGERANT LEAKAGE DETECTOR | PROGRAMMABLE TIMER | WEEKLY TIMER | TIMER | AUTO RESTART (MEMORY) | REMOTE CONTROL LOCK | WI-FI | TEMPERATURE LOCK | MODE LOCK

Installer functions

ERROR CODE VIA INDOOR UNI | AUTO-DIAGNOSTIC | BUILT-IN CONDENSATE PUMP | ALARM OUTPUT | DRY CONTACT ON/OFF | BMS COMPATIBLE | TECHNICIAN TEST MODE | HEATING MODE ONLY

“SUSTAINABLE DEVELOPMENT”

- Energy label A++ in cooling mode and A+ in heating mode.
- HEPA 13 filter: 5 layers of filtration, eliminates formaldehyde, allergies, dust, smoke, bacteria and mist.

“USER”

- HEPA filter, built-in ioniser and humidity sensor for better air quality.
- 360° diffusion.
- New design blends in perfectly with your suspended ceilings.
- Temperature and operating mode controls to reduce your office's energy consumption.
- New thermostat with built-in WiFi.

“INSTALLER”

- Even more compact, just 245 mm high. Perfect for small suspended ceilings.
- Integrated condensate pump (1000 mm).
- Possibility of fresh air supply and blowing into a small room.

“TECHNOLOGY”

- On/Off contact.
- Alarm output.
- Electronic expansion valve.
- Golden Fin treatment.
- OptiPower allows you to reduce consumption by 25% or 50%.

CERTIFICATION

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

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote control RCW32	7ACEL1925		• *WiFi integrated, weekly timer, “I Feel” function, custom modes, fan speed, On/Off timer.*
Wired remote control RCW26	7ACEL1876		• *Controls until 16 indoor units.*
LCAC Wi-Fi accessory	7ACEL1915		• *Accessory for remote control via Wi-Fi. (compatible with CDMD-022N,025N,035N and 050N).*

TECHNICAL DATA

MULTISPLIT CONFIGURATION ONLY

INDOOR UNIT		CDMD-022N-09M25	CDMD-025N-09M25	CDMD-035N-09M25	CDMD-050N-09M25
Part number		**7SP042305**	**7SP042306**	**7SP042307**	**7SP042308**
Phase		*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*
COOLING					
Rated power (min./max.)	**kW**	**2.21**	**2.64 (0.36~3.40)**	**3.52 (0.85~4.16)**	**5.28 (2.90~5.59)**
Pdesignc	kW		2.6	3.5	5.3
Rated power input (min./max.) / EER	kW		0.81 (0.14~1.24) / 3.26	1.02 (0.16~1.45) / 3.46	1.55 (0.72~2.04) / 3.57
SEER/Energy label			**6.3/A++**	**6.8/A++**	**6.5/A++**
Operating limits	°C		-15°~50°C Dry bulb		
HEATING					
Rated power (min./max.)	**kW**	**2.2**	**2.93 (0.45~3.61)**	**3.81 (0.47~4.34)**	**5.57 (2.37~6.10)**
Pdesignh (average climate)	kW		2.0	2.7	4.2
Pdesignh (warmer climate)	kW		2.8	3.3	5.3
Rated power input (min./max.) / COP	kW		0.95 (0.12~1.29) / 3.08	1.02 (0.13~1.39) / 3.74	1.56 (0.70~1.95) / 3.57
SCOP/Energy label (average climate)			**4.1/A+**	**4.1/A+**	**4.1/A+**
SCOP/Energy label (warmer climate)			**5.1/A+++**	**5.1/A+++**	**5.1/A+++**
Operating limits	°C		-20~24	-15°~24°C Dry bulb	
Power at -7°C	kW		2.38	2.74	4.82
Power at -10°C	kW		2.27	2.93	4.60
Power at -15°C	kW		2.13	3.07	4.31
INDOOR UNIT					
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	39/37/35	37/35.5/33/26	42/38.5/31.5/25.5	44/41/31.5/25
Sound level	dB(A)	55	52	55	59
Airflow (LS/MS/HS)	m³/h	400/460/500	400/460/500	330/520/620	300/540/660
Outline dimensions (WxHxD)	mm	570x245x570	570x245x570	570x245x570	570x245x570
Package dimensions (WxHxD)	mm	715x295x640	715x295x640	715x295x640	715x295x640
Net weight/Gross weight	kg	14.6/17.5	14.6/17.5	16.1/18.8	16.2/19
PANEL					
Panel dimensions (LxHxP)	mm	620x50x620	620x50x620	620x50x620	620x50x620
Package dimensions (WxHxD)	mm	715x115x700	715x115x700	715x115x700	715x115x700
Net weight/Gross weight	kg	2.7/4.3	2.7/4.3	2.7/4.3	2.7/4.3
Panel part number		**7ACVF0608**			

OUTDOOR UNIT			YDAX-025H-09M25	YDAX-035H-09M25	YDAX-050H-09M25
Part number			**7SP063240**	**7SP063170**	**7SP063171**
Sound pressure level at 1 m	dB(A)		53	51	54
Sound level	dB(A)		63	62	65
Airflow	m³/h		2200	2200	2100
Compressor type			Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm		765x555x303	765x555x303	805x554x330
Package dimensions (WxHxD)	mm		887x610x337	887x610x337	915x615x370
Net weight/Gross weight	kg		24.6/27	26.6/29.4	32.5/35.3
POWER SUPPLY					
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²		3G1.5	3G1.5	3G1.5
Fuse rating am	A		16	16	16
Electrical connections in/out	mm²		4G1.5	4G1.5	4G1.5
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"
Max. length	m		25	25	30
Max. height	m		10	10	20
Refrigerant/GWP			**R32/675**	**R32/675**	**R32/675**
Charge (5 m)	kg		0.65	0.72	1.15
Additionnal charge	g/m		12	12	12

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
CASSETTE	MONOSPLIT	MULTISPLIT
 CDMD 022N		 ZDAA  YDZC
 CDMD 025N~050N	 YDAX	 ZDAA  YDZC

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

25-AW-PRODUCT LEAFLET-CDMD-EN-0425 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

R32

DC Inverter Reversible

A++

A+

CDMX

360° cassette



RC18 included



CDMX 022N-025N-035N-050N



CDMX 070N-100N-140N

+ PRODUCT

- RC18 remote control included
- Compact design
- 360° airflow
- Compatible with YDZC and ZDAA multisplits

FEATURES

TECHNOLOGY

FLEXY MATCH – FLEXY MATCH

ELECTRONIC EXPANSION VALVE

MULTIFLOW 360°

GOLDEN FIN TREATMENT

AIR QUALITY/CLEAN

ANTIBACTERIAL FILTER

FRESH AIR

USER FUNCTIONS

TIMER

I FEEL

NIGHT MODE

REMOTE CONTROL LOCK

RESTART – AUTO RESTART (MEMORY)

INSTALLER FUNCTIONS

ERROR CODE VIA INDOOR UNIT

AUTO-DIAGNOSTIC

CONDENSATE PUMP BUILT-IN

ALARM OUTPUT

DRY CONTACT ON/OFF

HEATING ONLY MODE – HEATING MODE ONLY

CERTIFICATION

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

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com



⊕ "SUSTAINABLE DEVELOPMENT"

> Energy label A++ in cooling mode and A+ in heating mode, guaranteeing energy savings.

⊕ "USER"

> Design with a front panel that fits perfectly into false ceiling.
> 360° air distribution in the room for a uniform temperature.

⊕ "INSTALLER"

> Compact size ideal for low ceiling installations.
> Parameter display on the indoor unit for quick reading.
> Unit with pre-drilled holes for fresh air supply or blowing into a small room.
> Maximum piping length up to 75m adapted to complex and remote installation.

⊕ "TECHNOLOGY"

> On/Off contact included associated with a "room card" or other solution (not supplied) for better control and for energy savings.
> Alarm contact (synthesis fault) included.
> Room sensor built into the remote control for better comfort ("I Feel" mode by pressing the TURBO button on the remote control for 7 s).
> Condensate pump included for automatic discharge.
> Electronic expansion valve for better operating precision.
> Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.
> Wide operating range of -15° to 50°C in cooling mode and -15° to 24°C in heating mode.

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote control RCW11 (see page 134)	7ACEL1774		• *Weekly timer, mode, fan speed, On/Off timer, "I Feel" function, temperature.*
Wired remote control RCW26 (see page 136)	7ACEL1876		• *Controls until 16 indoor units.*
LCAC Wi-Fi accessory	7ACEL1883		• *Accessory for remote control via Wi-Fi. (compatible with CDMX-022N,025N,035N and 050N).*
	7ACEL1900		• *Accessory for remote control via Wi-Fi. (compatible with CDMX-070N-100N-140N).*

TECHNICAL DATA

MULTISPLIT CONFIGURATION ONLY

NEW

INDOOR UNIT		CDMX-022N-09M25	CDMX-025N-09M25	CDMX-035N-09M25	CDMX-050N-09M25	CDMX-070N-09M25	CDMX-100N-09M25	CDMX-100N-09M25	CDMX-140N-09M25*
Part number		**7SP042289**	**7SP042290**	**7SP042291**	**7SP042292**	**7SP042293**	**7SP042294**	**7SP042294**	**7SP042295**
Phase		*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*	*Three-phase*	*Three-phase*
COOLING									
Rated power (min./max.)	**kW**	**2.05 (0.63~2.61)**	**2.60 (0.8~3.3)**	**3.52 (0.85~4.11)**	**5.28 (2.90~5.59)**	**7.03 (3.30~7.91)**	**10.55 (2.70~11.43)**	**10.55 (2.70~11.43)**	**14.07 (3.52~15.83)**
Pdesignc	kW			3.50	5.30	7.00	10.50	10.50	14.00
Rated power input	kW			1.01	1.63	2.32	3.95	4.00	4.65
SEER/Energy label				6.6/A++	6.3/A++	6.2/A++	6.7/A++	6.3/A++	6.1/A++
Operating limits	°C					-15°~50°C Dry bulb			
HEATING									
Rated power (min./max.)	**kW**	**2.35 (0.69~3.0)**	**2.90 (0.85~3.7)**	**3.81 (0.47~4.31)**	**5.57 (2.37~6.10)**	**7.62 (2.81~8.94)**	**11.14 (2.78~12.30)**	**11.14 (2.78~12.66)**	**16.12 (4.10~17.29)**
Pdesignh (average climate)	kW			2.70	4.20	6.00	8.50	8.00	11.00
Pdesignh (warmer climate)	kW			3.30	5.40	6.30	10.10	10.10	12.00
Rated power input	kW			1.02	1.54	1.90	3.00	3.00	4.58
SCOP/Energy label (average climate)				4.1/A+	4.0/A+	4.0/A+	4.0/A+	3.9/A	4.0/A+
SCOP/Energy label (warmer climate)				5.1/A+++	4.8/A++	5.1/A+++	5.1/A+++	5.1/A+++	5.0/A++
Operating limits	°C					-15°~24°C Dry bulb			
Power at -7°C	kW			2.95	4.10	5.97	9.13	8.91	12.50
Power at -10°C	kW			2.82	3.91	5.70	8.71	8.50	11.93
Power at -15°C	kW			2.64	3.67	5.34	8.16	7.96	11.17
INDOOR UNIT									
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	29/33/38	31/34/39	34/37/42	39/44/45	42/47/50	46/48/51	46/48/51	48/50/52
Sound level	dB(A)	53	54	57	59	59	64	64	66
Airflow (LS/MS/HS)	m³/h	400/460/500	400/460/500	420/510/590	479/584/680	992/1118/1247	1300/1530/1700	1300/1530/1700	1600/1750/1900
Dehumidification	l/h	0.7	1.20	1.50	2.00	3.00	3.80	3.80	5.50
Outline dimensions (WxHxD)	mm	570x260x570	570x260x570	570x260x570	570x260x570	830x205x830	830x245x830	830x245x830	830x287x830
Package dimensions (WxHxD)	mm	662x317x662	662x317x662	662x317x662	662x317x662	910x250x910	910x290x910	910x290x910	910x330x910
Net weight/Gross weight	kg	14.5/17.3	14.5/18.8	16.3/20.4	16/22.1	21.6/25.4	27.2/31.2	27.2/31.2	29.3/33.5
PANEL									
Dimensions de la panel (WxHxD)	mm	647x50x647	647x50x647	647x50x647	647x50x647	950x55x950	950x55x950	950x55x950	950x55x950
Package dimensions (WxHxD)	mm	715x123x715	715x123x715	715x123x715	715x123x715	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
Net weight/Gross weight	kg	2.5/4.5	2.5/4.5	2.5/4.5	2.5/4.5	6/9	6/9	6/9	6/9
Panel part number		**7ACVF0566**	**7ACVF0566**	**7ACVF0566**	**7ACVF0566**	**7ACVF0600**	**7ACVF0600**	**7ACVF0600**	**7ACVF0600**

OUTDOOR UNIT		-	-	YDAX-035H-09M25	YDAX-050H-09M25	YDAX-070H-09M25	YDAX-100H-09M25	YDAX-100H-09T35	YDAX-140H-09T35
Part number		**-**	**-**	**7SP063170**	**7SP063171**	**7SP063172**	**7SP063173**	**7SP063174**	**7SP063175**
Sound pressure level at 1 m	dB(A)			51	54	58	59	59	63
Sound level	dB(A)			62	65	69	70	70	74
Airflow	m³/h			2200	2100	3500	4000	4000	7500
Compressor type				Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm			765x555x303	805x554x330	890x673x342	946x810x410	946x810x410	952x1333x415
Package dimensions (WxHxD)	mm			887x610x337	915x615x370	995x740x398	1090x885x500	1090x885x500	1095x1480x495
Net weight/Gross weight	kg			26.6/29	32.5/35.3	43.9/46.7	66.9/72.1	75.5/85.6	103.7/118.3
POWER SUPPLY									
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz
Power supply side				Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²			3G1.5	3G1.5	3G2.5	3G4.0	5G2.5	5G2.5
Fuse rating am	A			16	16	20	25	16	16
Electrical connections in/out	mm²	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5
PIPE LINE									
Suction pipe diameter	inches	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
Max. length	m			25	30	50	75	75	75
Max. height	m			10	20	25	30	30	30
Refrigerant/GWP				**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**
Charge (5 m)	kg			0.72	1.15	1.50	2.40	2.40	2.90
Additionnal charge	g/m			12	12	24	24	24	24

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
CASSETTE	MONOSPLIT	MULTISPLIT
 CDMX 022N & 025N		 ZDAA  YDZC
 CDMX 035N-050N-070N	 YDAX	 ZDAA  YDZC

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT
CASSETTE	MONOSPLIT
 CDMX 100N	 YDAX
 CDMX 140N	 YDAX

CDMX

Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL

10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE

TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

23-AW-PRODUCT LEAFLET-CDMX-EN-1023 - GROUPE AIRWELL SA

Range

MONOBLOC

MODELS

p.41	**XDAW**	*Monoblock console*	FLUID R32
p.42	**WFAE**	*Window*	FLUID R32

XDAW

Monoblock console

COOLING **A** | HEATING **A** | FLUID **R32**

+ PRODUCT

- XDAW RC remote control included
- Monoblock solution
- Reversible product (cooling/ heating)
- No outdoor unit
- No fluid handling





XDAW RC included

Connectivity

Air Connect Smart



No outdoor unit



"SUSTAINABLE DEVELOPMENT"

- Environment friendly R32 refrigerant, low energy consumption.

"USER"

- Ideal for modular constructions.

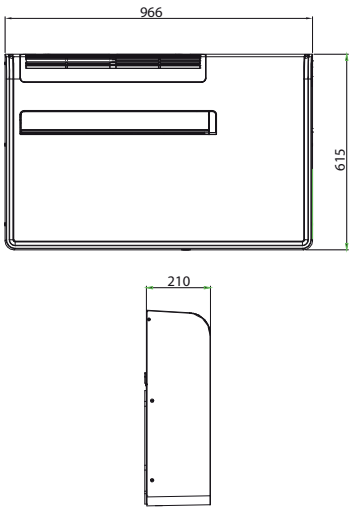
"INSTALLER"

- Ease of installation.
- Plug & Play.

"TECHNOLOGY"

- Inverter technology.
- Monoblock (no outdoor unit).

TECHNICAL DRAWING



TECHNICAL DATA

INDOOR UNIT		XDAW-023R-09M25
Part number		**7MB070004**
Phase		*Single-phase*
COOLING		
Rated power	**kW**	**2.35 (1.5~3.0)**
Rated power input	kW	0.90
EER/Energy label		2.61/A
Operating limits	°C	-10°~43°C Dry bulb
HEATING		
Rated power	**kW**	**2.36 (1.0~2.8)**
Rated power input	kW	0.76
COP/Energy label		3.11/A
Operating limits	°C	-15°~24°C Dry bulb
INDOOR UNIT		
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	29/46/48
Sound level	dB(A)	56
Airflow	m³/h	480
Dehumidification	l/h	0.04
Outline dimensions (WxHxD)	mm	965x615x200
Package dimensions (WxHxD)	mm	1030x765x280
Net weight/Gross weight	kg	39/41
POWER SUPPLY		
Phase/Voltage/Frequency		1P/220-240V/50Hz
Power cable section	mm²	3x2.5
Fuse rating am	A	16
PIPE LINE		
Refrigerant/GWP		**R32/675**
Charge	kg	0.39

R32

DC Inverter
Cooling only

A

Unique solution

WFAE
Window





WFAE RC
included

✚ PRODUCT

- WFAE RC remote control included
- Monobloc solution
- No fluid handling

FEATURES

TECHNOLOGY

NIGHT MODE

RESTART
AUTO RESTART (MEMORY)

INSTALLER FUNCTIONS

SELF DIAGNOSTIC

THE ✚ «SUSTAINABLE DEVELOPMENT»
> Environmentally friendly R32 refrigerant, low energy consumption.

THE ✚ «USER»
> Ideal for modular constructions.

THE ✚ «INSTALLER»
> Ease of installation.

THE ✚ «TECHNOLOGY»
> Inverter technology.

TECHNICAL DATA

INDOOR UNIT		WFAE-025C-09M25	WFAE-035C-09M25
Part number		**7MB050001**	**7MB050002**
Phase		*Single phase*	*Single phase*
COOLING			
Rated power	kW	2.75	3.70
Pdesignc	kW	2.75	3.70
Rated power input	kW	0.81	1.09
SEER/Energy label		5.10/A	5.10/A
Operating limits	°C	18°/43° Dry bulb	
INDOOR UNIT			
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	45/47/49	45/47/49
Airflow (LS/MS/HS)	m³/h	310/350/380	400/450/490
Dehumidification	l/h	1.00	1.20
Compressor type		Rotary	Rotary
Outline dimensions (WxHxD)	mm	560x375x710	660x428x700
Package dimensions (WxHxD)	mm	623x425x806	739x515x793
Net weight/Gross weight	kg	34/36.7	46/50
POWER SUPPLY			
Phase/Voltage/Frequency		1P/230V/50Hz	1P/230V/50Hz
Power supply side		Indoor	Indoor
Power cable section	mm²	3x1.0	3x1.5
Fuse rating am (D curve)	A	10	10
PIPE LINE			
Refrigerant/GWP		**R32/675**	**R32/675**
Charge	kg	0.51	0.63

EUROPE LEAFLET PRODUCT I
JANUARY 2022

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

22-AW-PRODUCT LEAFLET-WFAE-EN-0222 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.



Range

AIR/WATER HEAT PUMP

MODELS

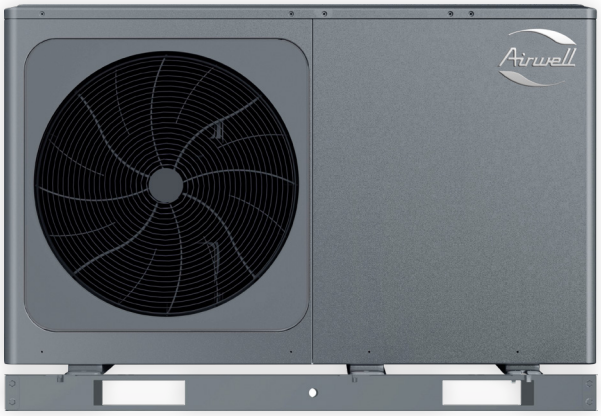
p.44	**WELLEA M HT**	*Monoblock heat pump, R290 natural fluid*	NEW	FLUID R290
p.46	**WELLEA M DF HT**	*Monoblock heat pump*		FLUID R290
p.48	**WELLEA WT**	*Split heat pump with DHW tank included*	NEW	FLUID R32
p.50	**HYDRODUO WELLEA**	*Pre-assembled DUO tanks (DHW + buffer)*	NEW	

NEW

WELLEA M HT

Monoblock heat pump with R290 natural fluid

HEATING A+++ | FLUID R290 | SG Ready



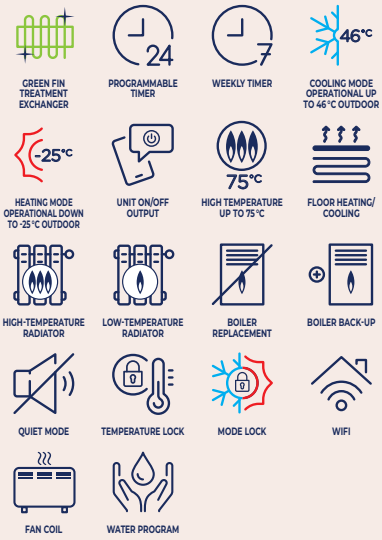


RCW31 included

+ PRODUCT

- RCW31 controller included
- Water temperature up to 75°C, idéal pour la rénovation
- 3 kW or 9 kW electric back-up included(2)

FEATURES



"SUSTAINABLE DEVELOPMENT"

- Energy savings thanks to A+++ energy class.
- Cut your bills: COP up to 5,10.
- High-performance compressor for energy savings.
- Natural refrigerant, more respectful of the environment thanks to its low impact, GWP=0.02.

"USER"

- Ideal for replacing a gas or fuel oil boiler.
- Saves on heating elements thanks to the 75°C water temperature.
- Heat pump remote-controlled thanks to AirHome connectivity (as standard).

"INSTALLER"

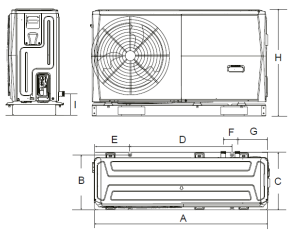
- Cascade management up to 6 units.
- Customisable water program.
- ZERO concept option: 2-area control, dual-purpose control, Smart Grid contact, and more as standard.
- Modular product: Heating / Cooling / Domestic hot water. (with accessories).
- Backup of your settings via USB.

"TECHNOLOGY"

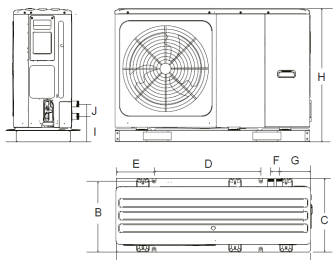
- Ultra-quiet model: 30 dB(A) at 5 m(1).
- Operates in extreme temperatures thanks to a dedicated condensate tray.
- HP Keymark certified, guaranteed performance.
- Maintains power even in cold weather.
- Class VI regulation with RCW31.

TECHNICAL DRAWS

4-6 kW



8-16 kW



DIMENSIONS (mm)

Model	A	B	C	D	E	F	G	H	I	J
4/6 kW	1295	397	429	760	265	105	225	792	161	-
8/10/12/14/16 kW	1385	482	526	760	270	60	221	945	182	81

(1) Acoustic pressure of 4 kW model, free field directivity 1.
(2) Depending on model.

TECHNICAL DATA

OUTDOOR UNIT			BDHW-040R-04M25	BDHW-060R-04M25	BDHW-080R-04M25	BDHW-100R-04M25	BDHW-120R-04M25	BDHW-140R-04M25	BDHW-160R-04M25	BDHW-120R-04T35	BDHW-140R-04T35	BDHW-160R-04T35
Part number			7MB140020	7MB140021	7MB140022	7MB140023	7MB140024	7MB140025	7MB140026	7MB140027	7MB140028	7MB140029
Phase			Single phase				Single phase			Three-phase		
HEATING MODE												
Air +7°C Water 35°C	Heating capacity	kW	4.50	6.20	8.40	10.00	12.00	14.00	15.00	12.00	14.00	15.00
	Power input	kW	0.87	1.27	1.68	2.13	2.50	3.11	3.41	2.50	3.11	3.41
	COP		**5.15**	**4.90**	**5.00**	**4.70**	**4.80**	**4.50**	**4.40**	**4.80**	**4.50**	**4.40**
Air -7°C Water 35°C	Heating capacity	kW	4.50	5.90	7.00	8.00	10.00	11.50	12.70	10.00	11.50	12.70
	Power input	kW	1.45	2.00	2.33	2.81	3.57	4.26	5.08	3.57	4.26	5.08
	COP		**3.10**	**2.95**	**3.00**	**2.85**	**2.80**	**2.70**	**2.50**	**2.80**	**2.70**	**2.50**
Air +7°C Water 55°C	Heating capacity	kW	4.40	6.00	7.50	9.50	11.90	13.80	16.00	11.90	13.80	16.00
	Power input	kW	1.49	2.03	2.36	3.06	3.90	4.68	5.61	3.90	4.68	5.61
	COP		**2.95**	**2.95**	**3.18**	**3.10**	**3.05**	**2.95**	**2.85**	**3.05**	**2.95**	**2.85**
Air -7°C Water 55°C	Heating capacity	kW	4.00	5.15	6.15	6.85	9.80	11.00	12.50	9.80	11.00	12.50
	Power input	kW	2.05	2.58	3.00	3.43	4.78	5.37	6.25	4.78	5.37	6.25
	COP		**1.95**	**2.00**	**2.05**	**2.00**	**2.05**	**2.05**	**2.00**	**2.05**	**2.05**	**2.00**
Air +7°C Water 60°C	Heating capacity	kW	4.58	6.20	8.31	9.27	12.06	14.00	15.10	12.06	14.00	15.10
	Power input	kW	1.56	2.20	2.79	3.28	4.18	5.05	5.64	4.18	5.05	5.64
	COP		**2.94**	**2.82**	**2.98**	**2.82**	**2.88**	**2.77**	**2.68**	**2.88**	**2.77**	**2.68**
Air +7°C Water 65°C	Heating capacity	kW	4.63	6.19	8.11	9.26	12.02	13.71	14.71	12.02	13.71	14.71
	Power input	kW	1.80	2.51	3.03	3.64	4.58	5.47	6.06	4.58	5.47	6.06
	COP		**2.57**	**2.47**	**2.67**	**2.55**	**2.63**	**2.51**	**2.43**	**2.63**	**2.51**	**2.43**
Air +7°C Water 75°C	Heating capacity	kW	4.65	5.84	8.04	8.85	10.89	11.40	12.36	10.89	11.40	12.36
	Power input	kW	2.22	3.00	3.73	4.32	5.41	5.79	6.43	5.41	5.79	6.43
	COP		**2.10**	**1.95**	**2.15**	**2.05**	**2.01**	**1.97**	**1.92**	**2.01**	**1.97**	**1.92**
COOLING MODE												
Air +35°C Water 18°C	Cooling capacity	kW	4.50	6.50	8.30	10.00	12.00	14.00	16.00	12.00	14.00	16.00
	EER		**5.50**	**5.10**	**5.15**	**4.75**	**4.50**	**4.20**	**3.90**	**4.50**	**4.20**	**3.90**
Air +35°C Water 7°C	Cooling capacity	kW	4.70	6.80	7.50	8.90	11.50	12.70	14.00	11.50	12.70	14.00
	EER		**3.65**	**3.10**	**3.45**	**3.25**	**3.05**	**2.90**	**2.75**	**3.05**	**2.90**	**2.75**
PERFORMANCE												
Energy label (Average climate)	Water outlet to 35°C		A+++				A+++					
	Water outlet to 55°C		A++				A++					
Seasonal efficiency (Average climate)	Water outlet to 35°C	%	200	193	204	200	184	182	180	184	182	180
	Water outlet to 55°C	%	149	150	150	150	142	141	140	142	141	140
SCOP (Average climate)	Water outlet to 35°C		5.07	4.89	5.19	5.07	4.67	4.63	4.59	4.67	4.63	4.59
	Water outlet to 55°C		3.79	3.82	3.82	3.82	3.62	3.61	3.57	3.62	3.61	3.57
Sound level		dB(A)	56	58	60	61	65	65	69	65	65	69
Sound pressure level (1m)		dB(A)	44	46	48	49	51	52	56	51	52	56
Sound level quiet mode		dB(A)	-	-	-	-	-	-	-	58	59	60
Sound pressure level quiet mode (1m)		dB(A)	-	-	-	-	-	-	-	43	44	48
OPERATING LIMITS												
Outdoor air temperature	Cooling	°C	-5/46				-5/46					
	Heating	°C	-25/35				-25/35					
	Domestic hot water	°C	-25/46				-25/46					
POWER SUPPLY												
Phase/Voltage/Frequency			1P/220-240V/50Hz				1P/220-240V/50Hz			3P/380-415V/50Hz		
Power cable section		mm²	3G2.5	3G2.5	3G4	3G4	3G6	3G6	3G6	5G2.5	5G2.5	5G2.5
Fuse rating am		A	16	16	20	20	32	32	32	16	16	16
Electric backup heater built-in		kW	3				3			3/6/9		
Power cable section electric backup heater		mm²	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	3G2.5	5G2.5	5G2.5	5G2.5
Fuse rating am electric backup heater		A	16	16	16	16	16	16	16	16	16	16
Remote controller connection (shielded)		mm²	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75	2x0.75
INSTALLATION AND OTHERS												
Airflow		m³/h	2770		4030		4060		4650	4060		4650
Refrigerant/GWP			**R290/0.02**									
Charge		kg	0.7		1.1		1.25					
Outline dimensions (WxHxD)		mm	1295x792x429		1385x945x526		1385x945x526					
Package dimensions (WxHxD)		mm	1375x965x475		1465x1120x560		1465x1120x560					
Net weight/Gross weight		kg	98/121		121/148		144/170			160/188		
Pipe diameter (water)		inches	R1"		R1"1/4		R1"1/4					

25-AW-PRODUCT LEAFLET-WELLEA M HT-EN-1025 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

+ PRODUCT

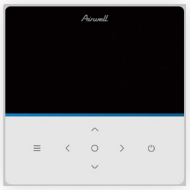
- RCW31 controller included
- Water temperature up to 85°C
- DHW temperature up to 70°C
- Cascade up to 6 units

WELLEA M DF HT

Monoblock heat pump

HEATING A+++ | FLUID R290 | SG Ready





RCW31 included

Connectivity

Air Home | HYBRID HOUSE by Airwell

Technology

GREEN FIN TREATMENT

User functions

QUIET MODE | WIFI | TEMPERATURE LOCK | MODE LOCK

Installer functions

ALARM OUTPUT | BMS COMPATIBLE | TECHNICIAN TEST MODE

Heating

PROGRAMMABLE TIMER | WEEKLY TIMER | COOLING MODE OPERATIONAL UP TO 48°C OUTDOOR | HEATING MODE OPERATIONAL DOWN TO -25°C OUTDOOR

UNIT ON/OFF OUTPUT | VERY HIGH TEMPERATURE UP TO 85 °C | DOMESTIC HOT WATER (OPTIONAL) | FLOOR HEATING/ COOLING

HIGH-TEMPERATURE RADIATOR | LOW-TEMPERATURE RADIATOR | BOILER REPLACEMENT | BOILER BACK-UP

FAN COIL | WATER PROGRAM

"SUSTAINABLE DEVELOPMENT"

- Energy savings thanks to A+++ energy class.
- Maintains performance down to -10°C without the need for an electrical back-up.
- Natural refrigerant with low environmental impact, GWP=3.

"USER"

- Ideal for replacing a gas or fuel oil boiler.
- Keeps your cast iron radiators at a water temperature of 75°C.
- Quiet operation.

"INSTALLER"

- Customisable water program.
- High temperature up to 85°C.
- Specific anti-corrosion treatment.
- Cascade operation up to 210 kW.

"TECHNOLOGY"

- R290 EVI compressor.
- Works down to an outdoor of -25°C.
- HP Keymark certified, guaranteed performance..

TECHNICAL DATA

OUTDOOR UNIT			BDHX-260R-04T35	BDHX-300R-04T35	BDHX-350R-04T35	BDHX-400R-04T35
Part number			**7MB140030**	**7MB140031**	**7MB140032**	**7MB140033**
Phase			*Three-phase*	*Three-phase*	*Three-phase*	*Three-phase*
HEATING MODE						
Air +7°C Water 30/35°C	Heating capacity	kW	26.00	30.00	35.00	39.00
	Power input	kW	5.45	6.67	8.40	9.75
	COP		**4.77**	**4.50**	**4.17**	**4.00**
Air -7°C Water 30/35°C	Heating capacity	kW	26.06	29.04	33.15	33.65
	Power input	kW	10.62	11.60	14.46	12.84
	COP		**2.45**	**2.50**	**2.29**	**2.62**
Air +7°C Water 47/55°C	Heating capacity	kW	26.00	30.00	35.00	39.00
	Power input	kW	7.85	9.57	11.75	14.00
	COP		**3.31**	**3.13**	**2.98**	**2.79**
Air -7°C Water 47/55°C	Heating capacity	kW	27.43	30.22	34.90	36.52
	Power input	kW	13.35	15.14	18.18	16.37
	COP		**2.05**	**2.00**	**1.92**	**2.23**
Air +7°C Water 55/70°C	Heating capacity	kW	26.00	30.00	35.00	39.00
	Power input	kW	10.61	12.20	14.90	14.00
	COP		**2.45**	**2.46**	**2.35**	**2.79**
Air -7°C Water 55/70°C	Heating capacity	kW	28.63	31.54	36.42	38.01
	Power input	kW	16.11	18.26	21.93	20.75
	COP		**1.78**	**1.73**	**1.66**	**1.83**
Air +7°C Water 65/80°C	Heating capacity	kW	25.80	28.43	32.82	36.58
	Power input	kW	11.37	12.89	16.83	19.75
	COP		**2.27**	**2.20**	**1.95**	**1.85**
Air -7°C Water 65/80°C	Heating capacity	kW	24.32	26.80	30.94	33.70
	Power input	kW	15.43	17.49	21.00	24.42
	COP		**1.58**	**1.53**	**1.47**	**1.38**
COOLING MODE						
Air 35°C Water 12/7°C	Cooling capacity	kW	26.00	30.00	32.00	32.00
	Power input	kW	8.40	10.70	11.98	11.98
	EER		**3.10**	**2.80**	**2.67**	**2.67**
Air 35°C Water 23/18°C	Cooling capacity	kW	26.00	30.00	35.00	39.00
	Power input	kW	5.60	6.80	8.50	9.85
	EER		**4.64**	**4.41**	**4.12**	**3.96**
PERFORMANCE						
Energy label (average climate)	Water outlet to 35°C	classe	A+++			A++
	Water outlet to 55°C	classe	A+++	A++		
Seasonal efficiency (average climate)	Water outlet to 35°C	%	195	194	176	170
	Water outlet to 55°C	%	150	148	142	135
SCOP (average climate)	Water outlet to 35°C		4.95	4.92	4.48	3.84
	Water outlet to 55°C		3.84	3.79	3.63	3.00
Sound level		dB(A)	69	74	75	76
Sound pressure level (1m)		dB(A)	55	61	62	62
Sound level quiet mode		dB(A)	62	62	63.5	65
Sound pressure level quiet mode (1m)		dB(A)	45	47	48	50.5
Sound pressure level quiet mode (2m)		dB(A)	45	47	48	48.5
OPERATING LIMITS						
Outdoor air temperature	Cooling	°C	-15/48			
	Heating	°C	-25/43			
	Domestic hot water	°C	-25/43			
POWER SUPPLY						
Phase/Voltage/Frequentie			3P/380-415V/50Hz			
Power cable section		mm²	5G6	5G10	5G10	5G10
Fuse rating am		A	32	32	40	40
Remote controller connection (shielded)		mm²	2x0.75	2x0.75	2x0.75	2x0.75
INSTALLATION AND OTHERS						
Airflow		m³/h	11000			
Refrigerant/GWP			**R290/3**			
Charge		kg	2.9			
Outline dimensions (WxHxD)		mm	1384x1816x523			
Package dimensions (WxHxD)		mm	1480x2000x570			
Net weight/Gross weight		kg	260/285			
Pipe diameter (water)		inches	R1-1/4"			

Eco Com

25-AW-PRODUCT LEAFLET-WELLEA M DF HT-EN-0325 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL

10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE

TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

R32

Triple-service heat pump

A+++

HYBRID HOUSE by Airwell

SG Ready Smart Heat Pumps

WELLEA WT

Split heat pump with DHW tank included

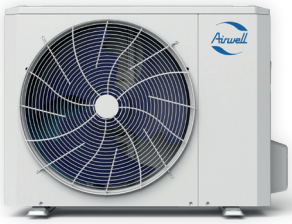
NEW



WELLEA WT
with DHW tank included



RCW29
included



WELLEA
ODU 4-6 kW



WELLEA
ODU 8-16kW

✚ PRODUCT

- RCW29 remote control included
- Refrigerant connections, no need for antifreeze protection
- Water outlet up to 60 °C at outdoor temperature -15 °C
- Compatible with all transmitter types
- Stainless steel hot water tank included (190L or 250L)

FEATURES

- 24 H — PROGRAMMABLE TIMER
- WEEKLY TIMER
- REMOTE CONTROL LOCK
- UNIT ON — UNIT ON/OFF OUTPUT
- -25°C — HEATING MODE OPERATIONAL DOWN TO -25°C OUTDOORS
- HIGH TEMPERATURE UP TO 60°C — HIGH TEMPERATURE UP TO 60°C
- DOMESTIC HOT WATER
- FLOOR HEATING
- HT HIGH TEMPERATURE — HIGH-TEMPERATURE RADIATOR
- LT LOW TEMPERATURE — LOW-TEMPERATURE RADIATOR
- BOILER REPLACEMENT
- BOILER BACK-UP
- Water programs — WATER PROGRAMS



«SUSTAINABLE DEVELOPMENT»
> High energy class A+++.

«USER»
> Compatible with all transmitters.
> Great flexibility of use.
> Perfect for replacing an oil or gas boiler.
> Stainless steel hot water tank.

«INSTALLER»
> Customizable water program.
> Manage the entire heating circuit, thanks to the many available connections.

«TECHNOLOGY»
> Operates at outdoor temperatures down to -25 °C.
> HP Keymark certified.

Complete unit

FOR HEATING AND HOT WATER



Triple-service heat pump

WELLEA WT

Split heat pump with DHW tank included

TECHNICAL DATA

OUTDOOR UNITS			AW-YHPSA04-H91	AW-YHPSA06-H91	AW-YHPSA08-H91	AW-YHPSA10-H91	AW-YHPSA 12-H91	AW-YHPSA 14-H91	AW-YHPSA 16-H91	AW-YHPSA 12-H93	AW-YHPSA 14-H93	AW-YHPSA 16-H93
Part number			7HP061065	7HP061066	7HP061067	7HP061068	7HP 061069	7HP 061070	7HP 061071	7HP 061072	7HP 061073	7HP 061074
Phase			*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*			*Three-phase*		
HEATING MODE												
Air +7°C Water 30/35°C	Heating capacity	kW	4.25	6.20	8.30	10.00	12.10	14.50	16.00	12.10	14.50	16.00
	Power input	kW	0.82	1.24	1.60	2.00	2.44	3.09	3.56	2.44	3.09	3.56
	COP		**5.20**	**5.00**	**5.20**	**5.00**	**4.95**	**4.70**	**4.50**	**4.95**	**4.70**	**4.50**
Air -7°C Water 30/35°C	Heating capacity	kW	4.80	6.10	7.10	8.25	10.00	12.00	13.30	10.00	12.00	13.30
	Power input	kW	1.52	2.00	2.18	2.62	3.33	4.29	4.93	3.33	4.29	4.93
	COP		**3.15**	**3.05**	**3.25**	**3.15**	**3.00**	**2.80**	**2.70**	**3.00**	**2.80**	**2.70**
Air +7°C Water 47/55°C	Heating capacity	kW	4.40	6.00	7.50	9.50	12.00	13.80	16.00	12.00	13.80	16.00
	Power input	kW	1.49	2.00	2.36	3.06	3.87	4.60	5.52	3.87	4.60	5.52
	COP		**2.95**	**3.00**	**3.18**	**3.10**	**3.10**	**3.00**	**2.90**	**3.10**	**3.00**	**2.90**
Air -7°C Water 47/55°C	Heating capacity	kW	4.00	5.15	6.15	7.05	10.60	11.30	12.60	10.60	11.30	12.60
	Power input	kW	2.05	2.58	3.00	3.53	5.25	5.46	6.29	5.25	5.46	6.29
	COP		**1.95**	**2.00**	**2.05**	**1.97**	**2.02**	**2.01**	**2.00**	**2.02**	**2.01**	**2.00**
COOLING MODE												
Air 35°C Water 12/7°C	Cooling capacity	kW	4.70	7.00	7.40	8.20	11.60	12.70	14.00	11.60	12.70	14.00
	Power input	kW	1.36	2.33	2.19	2.48	4.22	4.98	5.71	4.22	4.98	5.71
	EER		**3.45**	**3.00**	**3.38**	**3.30**	**2.75**	**2.55**	**2.45**	**2.75**	**2.55**	**2.45**
Air 35°C Water 23/18°C	Cooling capacity	kW	4.50	6.55	8.40	10.00	12.00	13.50	14.90	12.00	13.50	14.90
	Power input	kW	0.81	1.34	1.66	2.08	3.00	3.75	4.38	3.00	3.75	4.38
	EER		**5.55**	**4.90**	**5.05**	**4.80**	**4.00**	**3.60**	**3.40**	**4.00**	**3.60**	**3.40**
PERFORMANCE												
Energy label (Average climate)	Water outlet to 35°C		A+++				A+++					
	Water outlet to 55°C		A++				A++					
Seasonal efficiency (Average climate)	Water outlet to 35°C	%	191	195	205	205	189	186	182	189	186	182
	Water outlet to 55°C	%	130	138	132	137	135	136	133	135	136	133
SCOP (Average climate)	Water outlet to 35°C		4.85	4.95	5.21	5.19	4.81	4.72	4.62	4.81	4.72	4.62
	Water outlet to 55°C		3.31	3.52	3.36	3.49	3.45	3.47	3.41	3.45	3.47	3.41
Sound level		dB(A)	56	58	59	60	64	65	68	64	65	68
Sound pressure level (1m)		dB(A)	44	45	46	49	50	51	55	50	51	55
OPERATING LIMITS												
Outdoor temperature	Cooling	°C	-5/43				-5/43					
	Heating	°C	-25/35				-25/35					
	DHW	°C	-25/43				-25/43					
POWER SUPPLY												
Phase/Voltage/Frequency			1P/220-240V/50Hz				1P/220-240V/50Hz			3P/380-415V/50Hz		
Max. current		A	14		17		25	26	27	10	11	12
INSTALLATION & OTHERS												
Airflow		m³/h	2770		4030		4060		4650	4060		4650
Refrigerant/GWP			**R32/675**				**R32/675**					
Charge		kg	1.50		1.65		1.84					
Additionnal charge		g/m	20		38		38					
Unit dimensions (WxHxD)		mm	1008x712x426		1118x865x523		1118x865x523					
Package dimensions (WxHxD)		mm	1065x800x485		1180x890x560		1180x890x560					
Net weight/Gross weight		kg	58/64		77/88		96/110			112/125		
Pipe diameter (liquid - gas)		inches	1/4" - 5/8"		3/8" - 5/8"		3/8" - 5/8"					

INDOOR UNITS		ODMA-100T-09M22-19				ODMA-100T-09M22-25				ODMA-160T-09M22-25					
Part number		7SP130001				7SP130002				7SP130003					
COMPATIBLE OUTDOOR UNITS		AW-YHPSA 04-H91	AW-YHPSA 06-H91	AW-YHPSA 08-H91	AW-YHPSA 10-H91	AW-YHPSA 04-H91	AW-YHPSA 06-H91	AW-YHPSA 08-H91	AW-YHPSA 10-H91	AW-YHPSA 12-H91	AW-YHPSA 14-H91	AW-YHPSA 16-H91	AW-YHPSA 12-H93	AW-YHPSA 14-H93	AW-YHPSA 16-H93
Phase		*Single-phase*				*Single-phase*				*Single-phase*					
TANK															
Volume	l	190				240				240					
Electrical resistor	kW	3				3				3					
PERFORMANCE															
DHW profile		L				XL				XL					
DHW energy label (average climate)		A+				A+				A+					
DHW seasonal efficiency (average climate)	%	127				136				123					
DHW COP		3.10				3.34				3.00					
Sound level	dB(A)	42				42				43					
Sound pressure level (1m)	dB(A)	30				30				32					
POWER SUPPLY															
Phase/Voltage/Frequency		1P/220-240V/50Hz				1P/220-240V/50Hz				1P/220-240V/50Hz					
Max. current	A	14.30				14.30				14.30					
INSTALLATION & OTHERS															
Water pipe diameter	inches	R1				R1				R1					
DHW pipe diameter	inches	R3/4				R3/4				R3/4					
Unit dimensions (WxHxD)	mm	600x600x1683				600x600x1943				600x600x1943					
Package dimensions (WxHxD)	mm	653x653x1900				653x653x2160				653x653x2160					
Net weight/Gross weight	kg	140/161				157/178				159/180					

NEW

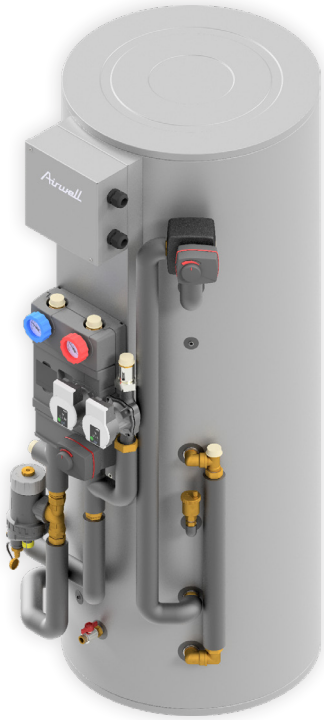
HYDRODUO WELLEA

Pre-assembled DUO tanks
Domestic hot water + Buffer

+ PRODUCT

- Plug & Play
- Small footprint
- Time-saving on-site
- Assembled in France
- Independent and insulated stainless steel buffer and DHW tanks

Stainless steel tanks



HYDRODUO WELLEA
200L or 300L ECS + 90L buffer

Technology

FLEXY MATCH

Installer functions

AUXILIARY HEATER

Chauffage

DOMESTIC HOT WATER · FLOOR HEATING/ COOLING · LOW-TEMPERATURE RADIATOR · FAN COIL

"SUSTAINABLE DEVELOPMENT"

- Designed and assembled in France: easy maintenance and high repairability.
- Stainless steel tanks: optimized lifetime.

"USER"

- Compact and space-saving: only 0.57 m² footprint for maximum space efficiency.
- Minimal maintenance thanks to high-quality stainless steel: no anode replacement required.
- Dirt separator easy to clean without dismantling or circuit opening.
- Tanks, buffer and DHW, independent and isolated for possible operation in cooling mode without altering DHW production.

"INSTALLER"

- Fully pre-assembled and factory-tested: saves up to 10 hours on-site.
- Available in 3 configurations to fit all projects.
- Simplified installation: Plug & Play for quick commissioning.
- Compliance with manufacturer recommendations for installation of our heat pumps – warranty preserved!

"TECHNOLOGY"

- 100% compatible with Wellea heat pumps.
- Dirt separator included (depending on version) for improved circuit protection.
- Advanced management: up to 2 zones and 2 water temperatures.

PRE-INSTALLED COMPONENTS INCLUDED*

- Electric backup
- 3-way valve DHW/Heating
- Actuator DHW/Heating valve
- 3-way valve zone 2
- Actuator zone 2 valve
- Zone 1 circulator
- Zone 2 circulator
- Temperature sensors
- DHW electrical backup

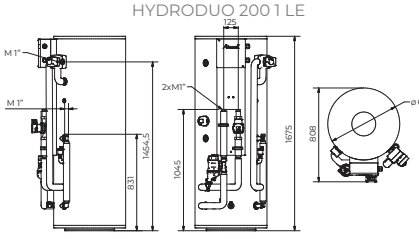
ACCESSORIES INCLUDED*

- Safety group and DHW siphon
- Automatic air vent for buffer tank
- Premium magnetic dirt separator, specifically designed for heat pumps

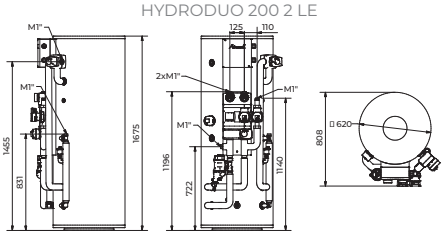
***Hydroduo Wellea** is available in bare version, 1-zone equipped, or 2-zone equipped.**

TECHNICAL DRAWS

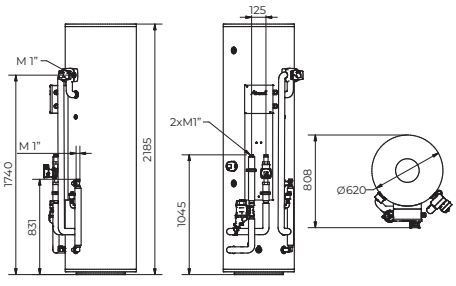
HYDRODUO 200 1 LE



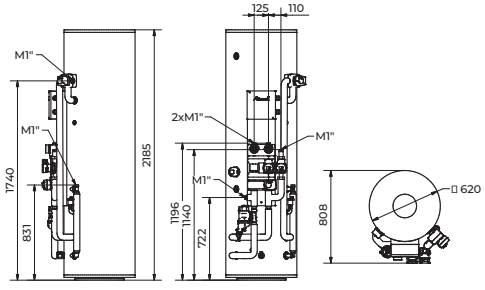
HYDRODUO 200 2 LE



HYDRODUO 300 1 LE



HYDRODUO 300 2 LE

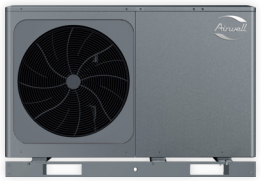


TECHNICAL DATA

DESIGNATION			ODHA-200T-08M22-00	ODHA-200T-08M22-01	ODHA-200T-08M22-02	ODHA-300T-08M22-00	ODHA-300T-08M22-01	ODHA-300T-08M22-02
Part number			**7SP130005**	**7SP130006**	**7SP130007**	**7SP130008**	**7SP130009**	**7SP130010**
CONFIGURATION								
Heat pump max. power		kW	16			16		
Function	1 direct zone		-	✓	✓	-	✓	✓
	1 mixed zone		-	-	✓	-	-	✓
DHW TANK								
Volume		L	200			300		
Exchanger surface area		m²	2.5			3.1		
Material			Stainless steel (444)					
Maximum operating pressure		bar	7					
BUFFER TANK								
Volume		L	90					
MatériauMaterial			Stainless steel (444)					
Maximum operating pressure		bar	7					
PERFORMANCE								
Static losses		W	90			98		
Energy class			C			C		
CIRCULATORS								
Reference			-	Wilo PARA 25-180/8-75		-	Wilo PARA	
Maximum static pressure		kPa	-	80		-	80	
Maximum power input		W	-	75		-	75	
DIMENSIONS								
Height		mm	1700			2150		
Diameter		mm	620			620		
Depth		mm	700	815		700	815	
Package dimensions (WxHxD)		mm	1200x1840x800			2250x1000x1100		
Net weight/Gross weight		kg	100/110	105/115	115/125	120/130	125/135	135/145
POWER SUPPLY								
Control panel power supply			-	Type E plug	Type E plug	-	Type E plug	Type E plug
DHW backup heater power		kW	3	3	3	3	3	3
DHW heater power supply			Type E plug	Type E plug	Type E plug	Type E plug	Type E plug	Type E plug
DHW backup electrical protection		A	16	16	16	16	16	16
Tank/Heat Pump connection		mm²	1 cable 3x0.75	1 cable 3x0.75 1 cable 2x0.75	2 cables 3x0.75 2 cables 2x0.75	1 cable 3x0.75	1 cable 3x0.75 1 cable 2x0.75	2 cables 3x0.75 2 cables 2x0.75
INSTALLATION								
Heat pump connection	Departure	inche	1" M	1" M	1" M	1" M	1" M	1" M
	Return	inche	1" M	1" M	1" M	1" M	1" M	1" M
DHW connection	Hot water outlet	inche	3/4" F	3/4" F	3/4" F	3/4" F	3/4" F	3/4" F
	Cold water inlet	inche	3/4" F	3/4" F	3/4" F	3/4" F	3/4" F	3/4" F
Zone 1 connection	Departure	inche	-	1" M	1" M	-	1" M	1" M
	Return	inche	-	1" M	1" M	-	1" M	1" M
Zone 2 connection	Departure	inche	-	-	1" M	-	-	1" M
	Return	inche	-	-	1" M	-	-	1" M

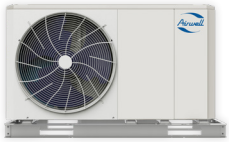
COMPATIBLE WITH HEAT PUMPS:

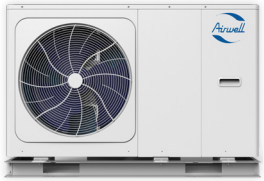
FLUID R290



WELLEA M HT

FLUID R32





WELLEA M MT



FLUID R32



WELLEA S MT

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

25-AW-PRODUCT LEAFLET-HYDRODUO WELLEA-EN_1025 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

Range

DOMESTIC HOT WATER

MODELS

p.53	**ELEO M TFHA**	*Monoblock thermodynamic water heater*	NEW	FLUID R290
p.55	**TFHM**	*Thermodynamic water heater*	NEW	FLUID R290

NEW

ELEO M TFHA

Monoblock thermodynamic water heater

HEATING A+ | FLUID R290 | Stainless steel tank 316L

+ PRODUCT

- 316L stainless steel tank
- Connectivity
- Natural fluid R290

Connectivity

SMART LIFE

Technology

BLUE FIN TREATMENT EXCHANGER

User functions

PROGRAMMABLE TIMER | REMOTE CONTROL LOCK | WI-FI

Installer functions

ERROR PART NUMBER VIA INDOOR UNIT | AUTO-DIAGNOSTIC | DRY CONTACT ON/OFF | BMS COMPATIBLE

TECHNICIAN TEST MODE | HEATING AUXILIAIRE | DOMESTIC HOT WATER



TFHA 200L



TFHA 300L

SUSTAINABLE DEVELOPMENT

- A+ energy class.
- **Smart Grid:** intelligent use of electricity from solar panels to power the tank and maximize self-consumption.
- Peak/off-peak hours: turns off electric heating during periods of high prices.
- New R290 natural fluid.

USER

- **Mode Éco:** precise programming of operating limits to optimize heating cycles.
- New interface, even simpler.
- Weekly program to reduce your consumption and follow your lifestyle.
- Wi-Fi connectivity.

INSTALLER

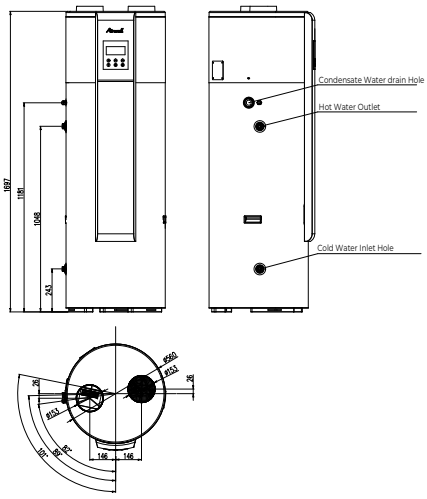
- No magnesium anode to replace.
- Integrated electric heater.
- Easy to handle thanks to low weight.

TECHNOLOGY

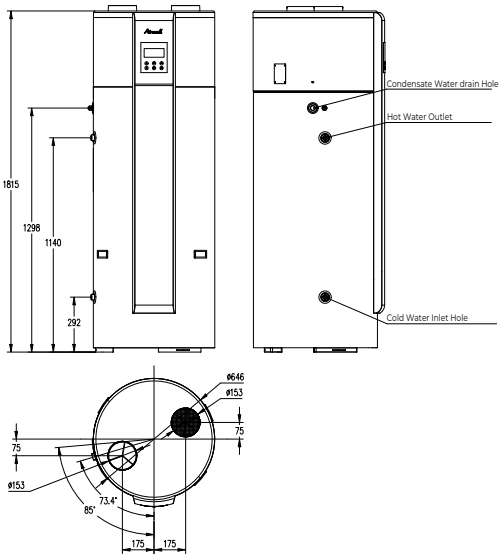
- **New stainless steel tank:** no more corrosion problems.
- Heat exchanger external to the tank.
- Improved static pressure.
- Protected electric heater.

TECHNICAL DRAWS

TFHA 200L



TFHA 300L



TECHNICAL DATA

UNITS INDOORS		TFHA-200H-04M25	TFHA-300H-04M25
Part number		**7MB170012**	**7MB170013**
Phase		*Single-phase*	*Single-phase*
Volume	L	200	300
AIR +7°C WATER 10/55°C			
Heating capacity	kW	1.18	1.21
Total power input	kW	0.42	0.43
COP		**2.80**	**2.83**
AIR +15°C WATER 10/55°C			
Heating capacity	kW	1.61	1.60
Total power input	kW	0.43	0.42
COP		**3.75**	**3.78**
PERFORMANCES (AVERAGE CLIMATE)			
DHW profile		L	XL
Energy label		A+	A+
Energetic efficiency	%	133	144
COP		**3.21**	**3.44**
Annual consumption	kWh	735	1158
Heat up time	h:mm	7:45	11:39
Standby power input	W	34.0	47.0
Reference hot water temperature	°C	54.2	54.7
Volume of mixed water at 40°C	l	253	395
PERFORMANCES (WARMER CLIMATE)			
Energetic efficiency	%	186	181
Annual consumption	kWh	548	924
PERFORMANCES (COLDER CLIMATE)			
Energetic efficiency	%	109	105
Annual consumption	kWh	1038	1604
SOUND LEVEL			
Sound pressure level (1m)	dB(A)	46	46
Sound level	dB(A)	59	59
OPERATING LIMITS			
Outdoor air temperature	°C	-7 / 43	-7 / 43
water temperature maximale	°C	75	75
REFRIGERATION CIRCUIT			
Refrigerant/GWP		**R290/0.02**	**R290/0.02**
Charge	kg	0.15	0.15
AIRFLOW			
Air inlet/outlet	mm	Ø150	Ø150
Airflow	m³/h	450	450
HYDRAULIC			
Hot water connection	inches	3/4"M	3/4"M
City water connection	inches	3/4"M	3/4"M
POWER SUPPLY			
Phase/Voltage/Frequency		1P/220-240/50Hz	1P/220-240/50Hz
Electric backup heater built-in	kW	2	2
Power cable section	mm²	3x1.5	3x1.5
Fuse rating am	A	16	16
DIMENSIONS			
Dimensions (HxØ)	mm	1750x560	1920x650
Package dimensions (WxHxD)	mm	620x690x1877	690x690x2067
Net weight/Gross weight	kg	74/91	110/132

26-AW-PRODUCT LEAFLET-TFHA-EN-0126 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

+ PRODUCT

- → Wall-mounted version
- → Connectivity
- → R290 natural refrigerant
- → Electronic anode

Connectivity

Air Home

Technology

GOLDEN FIN TREATMENT EXCHANGERS

SMART MODE

User functions

PROGRAMMABLE TIMER

REMOTE CONTROL LOCK

WI-FI

Installer functions

ERROR CODE VIA INDOOR UNIT

AUTO-DIAGNOSTIC

DRY CONTACT ON/OFF

BMS COMPATIBLE

TECHNICIAN TEST MODE

HEATING AUXILIAIRE

Heating

DOMESTIC HOT WATER

NEW

TFHM

Monoblock thermodynamic water heater

HEATING A+ | FLUID R290 | Enamelled steel tank | SG Ready



TFHM wall version



TFHM floor version

SUSTAINABLE DEVELOPMENT

- A+ energy class.
- **Smart Grid:** intelligent use of electricity from solar panels to power the tank and maximize self-consumption.
- New R290 natural fluid.

USER

- **ECO mode:** precise programming of operating limits to optimize heating cycles.
- Weekly program to reduce your consumption and follow your lifestyle.
- Wi-Fi connectivity.

INSTALLER

- Anti-legionella mode.
- Integrated electric heater.
- Electronic anode: less maintenance.

TECHNOLOGY

- Heat exchanger external to the tank.
- **Smart mode:** analyzes habits to optimize hot water production and reduce energy consumption.

TECHNICAL DATA

INDOOR UNIT		TFHM-100H-04M25	TFHM-150H-04M25	TFHM-200H-04M25	TFHM-300H-04M25
VERSION		WALL	WALL	FLOOR	FLOOR
Code		**7MB170016**	**7MB170017**	**7MB170018**	**7MB170019**
Phase		*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*
Volume	L	98	145	185	275
PERFORMANCES (AVERAGE CLIMATE)					
DHW profile		M	L	L	XL
Energy label		A+	A+	A+	A+
Energetic efficiency	%	111	122	131	132
COP		**2.61**	**2.67**	**3.15**	**3.25**
Annual consumption	kWh	463	843	781	1267
Heat up time	h:mm	06:04	06:32	07:32	08:58
Standby power input	W	19.0	23.0	27.0	19.0
Reference hot water temperature	°C	53.0	52.0	53.0	52.0
Volume of mixed water at 40°C	l	110	160	245	350
PERFORMANCES (WARMER CLIMATE)					
Energetic efficiency	%	114	137	144	141
Annual consumption	kWh	451	746	710	1190
PERFORMANCES (COLDER CLIMATE)					
Energetic efficiency	%	92	103	98	107
Annual consumption	kWh	558	997	1048	1561
SOUND LEVEL					
Sound pressure level (1m)	dB(A)	44	46	46	44
Sound level	dB(A)	54	56	56	54
OPERATING LIMITS					
Outdoor air temperature	°C	-7 / 43	-7 / 43	-7 / 43	-7 / 43
Water temperature maximale	°C	65	65	65	65
Water temperature maximale with electric backup	°C	70	70	70	70
REFRIGERATION CIRCUIT					
Refrigerant/GWP		**R290/0.02**	**R290/0.02**	**R290/0.02**	**R290/0.02**
Charge	kg	0.15	0.15	0.15	0.15
AIRFLOW					
Air inlet/outlet	mm	Ø 160	Ø 160	Ø 160	Ø 190
Static pressure	Pa	60	60	80	80
Airflow	m³/h	200	240	350	450
HYDRAULIC					
Hot water connection	inches	1/2" M	1/2" M	3/4" M	3/4" M
City water connection	inches	1/2" M	1/2" M	3/4" M	3/4" M
POWER SUPPLY					
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Electric backup heater built-in	kW	1.5	1.5	1.6	1.6
Power cable section	mm²	3G1.5	3G1.5	3G1.5	3G1.5
Fuse rating am	A	16	16	16	16
DIMENSIONS					
Dimensions (HxØ)	mm	1365x500	1708x500	1730x560	1895x660
Package dimensions (WxHxD)	mm	620x1450x585	620x1785x585	655x1945x675	775x2110x745
Net weight/Gross weight	kg	62/68	80/87	91/112	123/148

26-AW-PRODUCT LEAFLET-TFHM-EN-0326 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

Range

GEOTHERMAL

MODELS

p.58	**TEREO**	*Brine-to-water heat pump*	NEW · FLUID R407C
p.60	**HYDRODUO TÉRÉO**	*Pre-assembled DUO tanks (DHW + buffer)*	NEW

NEW

TEREO

Brine-to-water heat pump

FLUIDE **R407C** | FLOOR HEATING 35°C **A++** | RADIATOR 55°C **A+** | DHW **A+**



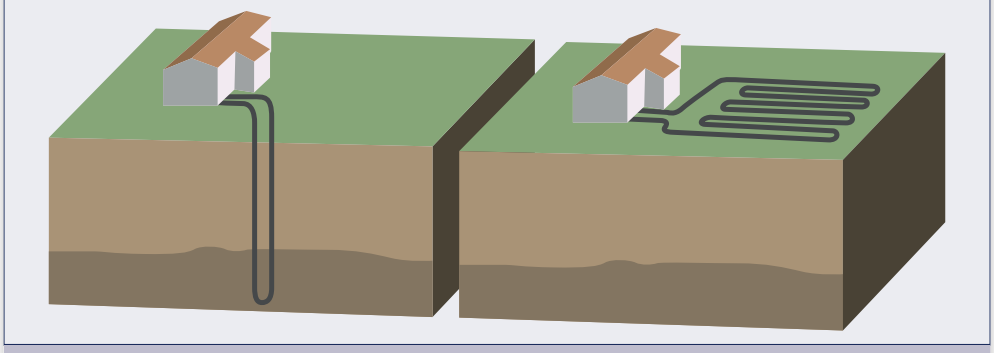
The Tereo heat pump is a ground source reversible(2) heat pump whose only external components are the underground collectors.

Compact, it fits neatly into a garage or cellar, for both new-build and renovation projects. The Tereo is a real alternative to air source heat pumps.

TECHNICAL SPECIFICATIONS

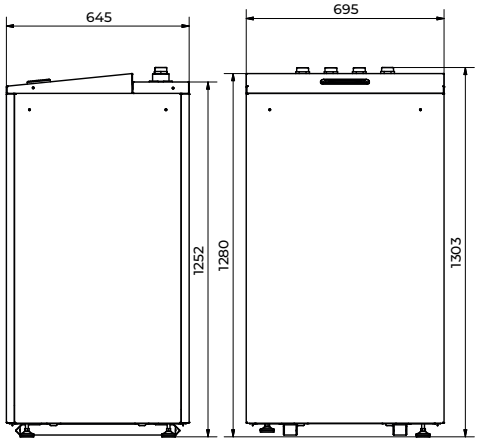
- Connectivity as standard for remote control and maintenance.
- Remote control via Netatmo thermostat.
- Available from 7 to 13 kW single-phase and from 9 to 16 kW three-phase.
- Reversible optional (models 13 kW and 16 kW).
- Water flow temperature up to 55°C.
- R407C fluid with Scroll compressor.
- Integrated electric heater as standard.
- A simple, robust and discreet range!

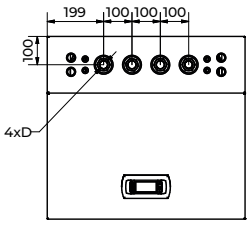
SOLUTION COMPATIBLE WITH HORIZONTAL COLLECTION OR VERTICAL COLLECTION WITH SENSOR



Aquathermy possible (heat exchanger required, sizing by installer)

TECHNICAL DRAWS





DIMENSIONS (mm)

Hydraulic connection diameter	D
Tereo 7-9 kW	M 1"
Tereo 13-16 kW	M 1"1/4

+ PRODUCT

- Anodised aluminium casing
- Simplified connections
- Adjustable feet
- Reinforced acoustic insulation
- Digital control display on top
- Monobloc: no refrigerant connection, no refrigerant charge required
- Wide range from 7 to 16 kW

Connectivity

Netatmo

User functions

PROGRAMMABLE TIMER | AUTO RESTART (MEMORY) | REMOTE CONTROL LOCK

Installer functions

AUTO-DIAGNOSTIC | ALARM OUTPUT | DRY CONTACT ON/OFF | TECHNICIAN TEST MODE | HEATING MODE ONLY | AUXILIARY HEATER

Heating

WEEKLY TIMER (1) | MEDIUM TEMPERATURE UP TO 55°C | DOMESTIC HOT WATER | FLOOR HEATING/ COOLING | LOW-TEMPERATURE RADIATOR | BOILER REPLACEMENT | BOILER BACK-UP | FAN COIL | GROUND VERTICAL COLLECTOR | GROUND HORIZONTAL COLLECTOR | WATER PROGRAM

Hydraulic + electrical connections on the top

Simplified installation & reduced footprint

100% DESIGNED AND MANUFACTURED IN FRANCE IN BREST

(1) Available with the Netatmo thermostat.
(2) Models 13 kW and 16 kW.

TECHNICAL DATA

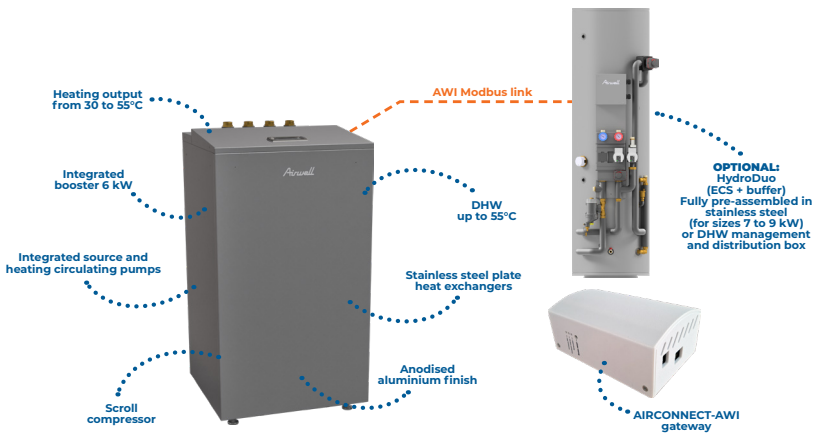
DESIGNATION			TEREO 07	TEREO 09	TEREO 09T	TEREO 13	TEREO 13T	TEREO 16T	TEREO 13R	TEREO 13TR	TEREO 16TR
			HEATING ONLY						REVERSIBLE		
Reference			AFWW-070H-02M25	AFWW-090H-02M25	AFWW-090H-02T35	AFWW-130H-02M25	AFWW-130H-02T35	AFWW-160H-02T35	AFWW-130R-02M25	AFWW-130R-02T35	AFWW-160R-02T35
Code			7MB140035	7MB140036	7MB140037	7MB140038	7MB140039	7MB140040	7MB140047	7MB140048	7MB140049
Phase			*Single-phase*	*Single-phase*	*Three-phase*	*Single-phase*	*Three-phase*	*Three-phase*	*Single-phase*	*Three-phase*	*Three-phase*
HEATING											
Water outlet temperature 30/35°C to 0/-3°C	Heating capacity	kW	7.06	8.84	8.87	12.60	12.65	14.85	12.60	12.65	14.85
	Power input	kW	1.94	2.41	2.29	3.32	3.25	3.80	3.32	3.25	3.80
	COP		**3.64**	**3.67**	**3.87**	**3.80**	**3.89**	**3.91**	**3.80**	**3.89**	**3.91**
Water outlet temperature 47/55°C to 0/-3°C	Heating capacity	kW	6.47	8.15	8.03	11.55	11.65	13.70	11.55	11.65	13.70
	Power input	kW	2.74	3.46	3.31	4.76	4.71	5.45	4.76	4.71	5.45
	COP		**2.36**	**2.36**	**2.43**	**2.43**	**2.47**	**2.51**	**2.43**	**2.47**	**2.51**
COOLING											
Water outlet temperature 23/18°C to 25/20°C	Cooling capacity	kW							19.75	19.65	23.10
	Power input	kW							3.28	3.28	3.72
	EER								**6.02**	**5.99**	**6.21**
Water outlet temperature 12/7°C to 25/20°C	Cooling capacity	kW							13.05	13.00	15.30
	Power input	kW							2.95	3.01	3.44
	EER								**4.42**	**4.32**	**4.45**
PERFORMANCE											
Energy label	Water outlet to 35°C		A+	A+	A++	A+	A++	A++	A+	A++	A++
	Water outlet to 55°C		A+	A+	A+	A+	A+	A+	A+	A+	A+
Seasonal efficiency	Water outlet to 35°C	%	140	135	151	145	151	150	145	151	150
	Water outlet to 55°C	%	111	111	112	111	112	113	111	112	113
SCOP	Water outlet to 35°C		3.70	3.58	3.98	3.83	3.98	3.95	3.83	3.98	3.95
	Water outlet to 55°C		2.95	2.95	3.00	2.98	3.00	3.03	2.98	3.00	3.03
Sound level		dB(A)	52	53	54	55	55	55	55	55	55
Sound pressure level (1m)		dB(A)	41	42	43	44	44	44	44	44	44
OPERATING LIMITS											
Water temperature	Cooling	°C								7/20	
	Heating	°C				30/55				30/55	
	Domestic hot water	°C				40/55				40/55	
POWER SUPPLY											
Phase/Voltage/Frequency			1P/200-240V/50Hz	1P/200-240V/50Hz	3P/380-415V/50Hz	1P/200-240V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz	1P/200-240V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz
Power cable section		mm²	3G6	3G10	5G2.5	3G16	5G6	5G6	3G16	5G6	5G6
Fuse rating am		A	32	40	20	63	25	25	63	25	25
Electric backup heater built-in		kW	6 (2+4)	6 (2+4)	6 (2+2+2)	6 (2+4)	6 (2+2+2)	6 (2+2+2)	6 (2+4)	6 (2+2+2)	6 (2+2+2)
INSTALLATION											
Refrigerant/GWP			**R407C/1774**						**R407C/1774**		
Charge		kg	1			1.6			1.6		
By horizontal collection(1)	Number of coils (100M ø 16/20)		4	5	5	6	6	6	6	8	8
By drilling(1)	Minimum total length of the ø32 borehole	m	102	127	133	182	187	232	182	187	232
Unit dimensions (WxHxD)		mm	695x645x1280						695x645x1280		
Package dimensions (WxHxD)		mm									
Net weight/Gross weight			150/160			160/170			160/170		
Pipe diameter		pouces	M1"			M1"1/4			M1"1/4		
INCLUDED ACCESSORY											
AIRCONNECT-AWI gateway		**Code**	**SO3100001**						**SO3100001**		

► Passive cooling (free-cooling) possible with heat pump control (requires adapted installation).
(1) Data provided for information only – non-binding.

OPTIONS

ACCESSORY	CODE	FUNCTION
Netatmo smart thermostat	**7ACEL1955**	• *Thermostat NTH-PRO*
TEREO Control Box (2 zones, hot water)	**7ACEL1937**	• *2-Zone, 2-Temperature and/or DHW Control Unit*
TEREO Domestic Hot Water Heating Kit (valves and probes)	**7ACFH0906**	• *DHW 3-Way Valve Kit + Probe*
TEREO Mixed Zone Kit	**7ACFH0907**	• *3-Way Valve Kit with Heating Mixing Probe, 3-Way Valve + Circulator + Insulation*
TEREO Sub-Zone Kit	**7ACFH0908**	• *2-Way Valve Kit with Additional Sub-Zones*

STANDARD FEATURES



GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

26-AW-PRODUCT LEAFLET-TEREO-EN-0626 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

+ PRODUCT

- Plug & Play
- Small footprint
- Time-saving on-site
- Assembled in France

Technology

FLEXY MATCH

Installer functions

AUXILIARY HEATER

Heating

DOMESTIC HOT WATER

FLOOR HEATING/ COOLING

LOW-TEMPERATURE RADIATOR

FAN COIL

PRE-INSTALLED COMPONENTS INCLUDED*

- Electric backup
- 3-way valve DHW/Heating
- Actuator DHW/Heating valve
- 3-way valve zone 2
- Actuator zone 2 valve
- Zone 1 circulator
- Zone 2 circulator
- Temperature sensors

ACCESSORIES INCLUDED*

- Safety group and DHW siphon
- Automatic air vent for buffer tank
- Premium magnetic dirt separator, specifically designed for heat pumps

Hydroduo Téréo is available in bare version, 1-zone equipped, or 2-zone equipped.

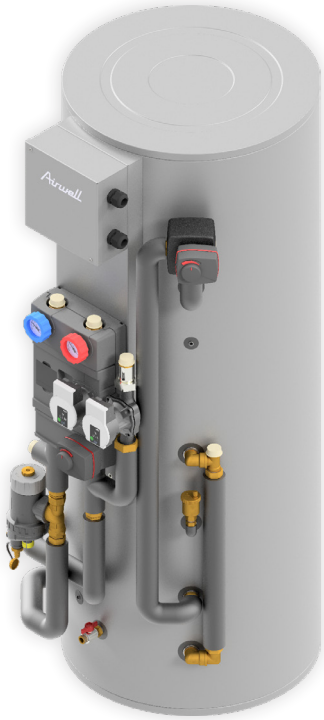
* Models 13 kW and 16 kW.

NEW

HYDRODUO TÉRÉO

Pre-assembled DUO tanks
Domestic hot water + Buffer

Stainless steel tanks



HYDRODUO TÉRÉO
200L or 300L ECS + 90L tampon

"SUSTAINABLE DEVELOPMENT"

- Designed and assembled in France: easy maintenance and high repairability.
- Stainless steel tanks: optimized lifetime.

"USER"

- Compact and space-saving: only 0.57 m² footprint for maximum space efficiency.
- Minimal maintenance thanks to high-quality stainless steel: no anode replacement required.
- Dirt separator easy to clean without dismantling or circuit opening.

"INSTALLER"

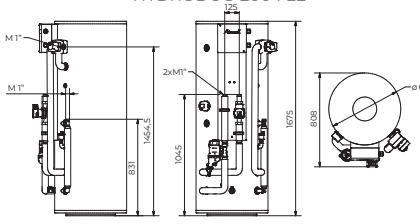
- Fully pre-assembled and factory-tested: saves up to 10 hours on-site.
- Available in 3 configurations to fit all projects.
- Simplified installation: Plug & Play for quick commissioning.
- Compliance with manufacturer recommendations for installation of our heat pumps – warranty preserved!

"TECHNOLOGY"

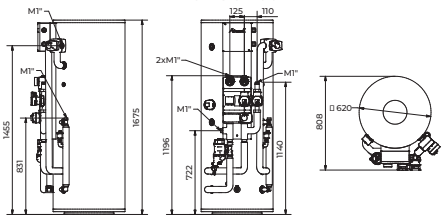
- 100% compatible with Wellea heat pumps.
- Dirt separator included (depending on version) for improved circuit protection.
- Advanced management: up to 2 zones and 2 water temperatures.

TECHNICAL DRAWS

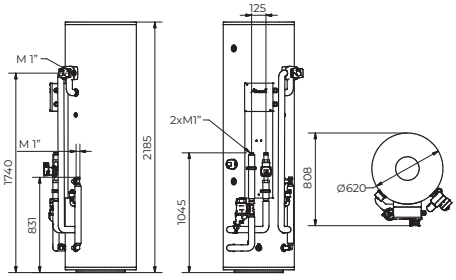
HYDRODUO 200 1 LE



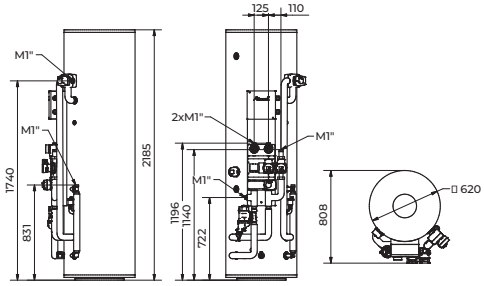
HYDRODUO 200 2 LE



HYDRODUO 300 1 LE



HYDRODUO 300 2 LE

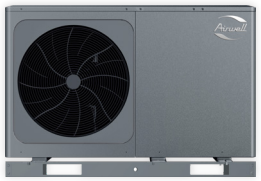


TECHNICAL DATA

DESIGNATION			ODHB-200T-08M22-01	ODHB-200T-08M22-02	ODHB-300T-08M22-01	ODHB-300T-08M22-02
Part number			**7SP130011**	**7SP130012**	**7SP130013**	**7SP130014**
CONFIGURATION						
Heat pump max. power		kW	16		16	
Function	1 direct zone		✓	✓	✓	✓
	1 mixed zone		-	✓	-	✓
DHW TANK						
Volume		L	200		300	
Exchanger surface area		m²	2.5		3.1	
Material			Inox (444)			
Maximum operating pressure		bar	7			
BUFFER TANK						
Volume		L	90			
MatériauMaterial			Inox (444)			
Maximum operating pressure		bar	7			
PERFORMANCE						
Static losses		W	90		98	
Energy class			C		C	
CIRCULATORS						
Reference			Wilo PARA 25-180/8-75		Wilo PARA	
Maximum static pressure		kPa	80		80	
Maximum power input		W	75		75	
DIMENSIONS						
Height		mm	1700		2150	
Diameter		mm	620		620	
Depth		mm	815		815	
Package dimensions (WxHxD)		mm	1200x1840x800		2250x1000x1100	
Net weight/Gross weight		kg	105/115	115/125	125/135	135/145
POWER SUPPLY						
Control panel power supply			Type E plug	Type E plug	Type E plug	Type E plug
DHW backup heater power		kW	3	3	3	3
DHW heater power supply			Type E plug	Type E plug	Type E plug	Type E plug
DHW backup electrical protection		A	16	16	16	16
Tank/Heat Pump connection		mm²	1 cable 3x0.75 1 cable 2x0.75	2 cables 3x0.75 2 cables 2x0.75	1 cable 3x0.75 1 cable 2x0.75	2 cables 3x0.75 2 cables 2x0.75
INSTALLATION						
Heat pump connection	Departure	inche	1" M	1" M	1" M	1" M
	Return	inche	1" M	1" M	1" M	1" M
DHW connection	Hot water outlet	inche	3/4" F	3/4" F	3/4" F	3/4" F
	Cold water inlet	inche	3/4" F	3/4" F	3/4" F	3/4" F
Zone 1 connection	Departure	inche	1" M	1" M	1" M	1" M
	Return	inche	1" M	1" M	1" M	1" M
Zone 2 connection	Departure	inche	-	1" M	-	1" M
	Return	inche	-	1" M	-	1" M

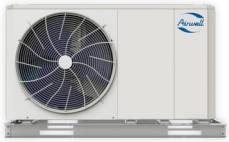
COMPATIBLE WITH HEAT PUMPS:

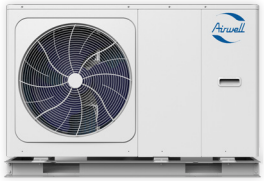
FLUID R290



WELLEA M HT

FLUID R32





WELLEA M MT



FLUID R32



WELLEA S MT

GROUPE AIRWELL

10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE

TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

25-AW-PRODUCT LEAFLET-HYDRODUO TEREO-EN-0925 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.



Range

OASIS

MODELS

p.63	**A closer look at the Oasis range**		
p.65	**HDLL**	*High wall, connectivity*	NEW FLUID R32
p.67	**FDHM**	*Floor ceiling, long air throw*	NEW FLUID R32
p.69	**DDHM**	*Medium-pressure ducted*	NEW FLUID R32
p.71	**CDHM**	*360° cassette*	NEW FLUID R32
p.73	**SDHM**	*Floor standing column*	NEW FLUID R32

Oasis

Oasis Range

The PROS range for your residential and commercial installations

The Oasis range is designed to :

- **Reliability in everyday use**
- **Quick installation**
- **Ease of use**
- **Smart control**

New builds



Renovation



FLUID R32

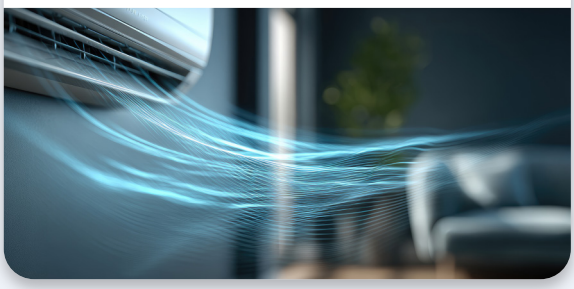
RESPECT FOR THE ENVIRONMENT

- Higher efficiency
- Low environmental impact (GWP = 675)
- Superior performance per unit volume
- Long service life



DC INVERTER

- High seasonal performance thanks to the DC Inverter compressor and variable-speed DC fan motor
- Wide operating temperature range: -20 to 52°C



Designed for residential use

- Quiet and comfortable everyday use
- Gentle, controlled airflow
- KNX-compatible
- Optimised energy consumption





Designed for businesses

- Quick installation
- Simplified maintenance
- Energy consumption managed via programming
- Control of modes and temperatures
- Building management system connectivity & energy monitoring

Universal compatibility with 50 and 60 Hz

Native BMS & BCS integration

On-board diagnostics via HMI interface

Reliability built to last



Wide input voltage range: 180–240 V



Carefully selected materials, guaranteed quality

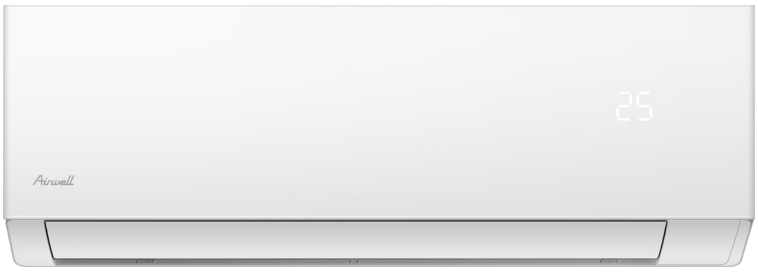
Adaptive Inverter Technology

NEW

HDLL

High wall

COOLING **A++** | HEATING **A+** | FLUID **R32**





RC23 included

+ PRODUCT

- RC23 remote control included
- Wi-Fi control
- Optimises power
- Healthier indoor air
- Eco-Save mode

Technology

BLUE FIN TREATMENT EXCHANGERS

Air quality

STANDARD FILTER

User functions

I FEEL | NIGHT MODE | QUIET MODE | TIMER

AUTO RESTART (MEMORY) | REMOTE CONTROL LOCK | WI-FI | AIR FLAP POSITION MEMORY

Installer functions

ERROR CODE VIA INDOOR UNIT | LEFT/RIGHT DRAIN CONNECTION | ENERGY CONSUMPTION CONTROL | HEATING MODE ONLY

COOLING MODE ONLY

CERTIFICATION

- AIRWELL participates in the ECP program for AC1. Check ongoing validity of certificate: www.eurovent-certification.com

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Tested according to international standards:

ISO 5151:2010 | NF EN 378

+ SUSTAINABLE DEVELOPMENT

- Energy label A++ in cooling mode and A+ in heating mode, depending on model guaranteeing energy savings.
- Environment friendly R32 refrigerant.

+ USER

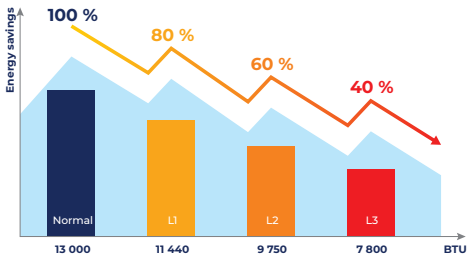
- Greater efficiency for installers, and maximum performance during the peak season.
- Error codes displayed on the screen.
- Thanks to the automatic cleaning function, which can be activated at the touch of a button on your remote control, you can maintain your unit regularly and thus avoid maintenance costs.

+ INSTALLER

- Thanks to optimised components and a design intended to simplify installation, our air conditioners save a considerable amount of time on site.
- Reversible condensate drain: Two possible directions (left/right) for more flexible installation.
- Up to 50% reduction in installation time.
- Up to 80% reduction in maintenance time.

+ TECHNOLOGY

- **Eco-Save mode:** enables active energy saving with 3 operating levels to adapt performance and consumption to your needs.
- Room sensor built into the remote control for better comfort (“I Feel” mode).
- Automatic cleaning and drying of the indoor unit for better hygiene.



→ ***Eco-Save mode allows you to adjust the air conditioner’s capacity by up to 40%, offering flexible management of electricity consumption whilst maintaining optimal comfort.***

OPTIONS

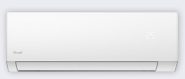
ACCESSORY	CODE	PICTURE	FUNCTION
Wired remote control RWV11	7ACELH039		• *On/off, set temperature adjustment, fan speed selection, operating mode selection and air flow adjustment.*

TECHNICAL DATA

INDOOR UNIT		HDLL-025N-09M25	HDLL-035N-09M25	HDLL-050N-09M25	HDLL-070N-09M25
Code		**7SP024105**	**7SP024106**	**7SP024107**	**7SP024108**
Phase		*Single-phase*	*Single-phase*	*Single-phase*	*Single-phase*
COOLING					
Rated power (min./max.)	**kW**	**2.60 (0.80~3.10)**	**3.20 (0.80~3.50)**	**4.80 (1.30~5.40)**	**7.00 (2.00~8.00)**
Rated power	Btu/h	9000	12000	17000	24000
SEER/Energy label		6.1/A++	6.1/A++	6.3/A++	6.8/A++
EER		2.60	2.50	2.81	3.23
HEATING					
Rated power (min./max.)	**kW**	**2.80 (0.80~3.30)**	**3.60 (0.80~3.90)**	**4.60 (1.30~5.40)**	**7.00 (2.00~8.00)**
Rated power	Btu/h	9000	12000	17000	24000
Rated power input (max.)	kW	1.2	1.5	1.9	2.9
Operating current (max.)	A	5.3	6.5	8.6	13
SCOP/Energy label		4/A+	4/A+	4/A+	4/A+
COP		2.60/3.3	2.50/3.4	2.81/3.6	3.23/3.71
Seasonal power (-10°C)	W	400	500	600	1100
Application surface	m²	12-20	16-24	23-34	33-50
Operating limits	°C	-20~52			
Temperature range	°C	16~30			
INDOOR UNIT					
Sound pressure level at 1 m (VL/LS/MS/HS)	dB (A)	19/27/33/38	20/31/35/39	28/35/40/44	29/37/45/47
Sound level	dB (A)	56	59	60	62
Airflow (LS/HS)	m³/h	500/470	550/500	770/810	1100/1000
Unit dimensions (WxHxD)	mm	705x265x193	805x292x199	975x220x318	975x220x318
Package dimensions (WxHxD)	mm	660x463x245	876x365x272	1050x397x301	1050x397x301
Net weight/Gross weight	kg	6.7/8.5	6.7/8.5	10.0/12.0	11.6/14.4

OUTDOOR UNIT		YDAL-025R-09M25	YDAL-035R-09M25	YDAL-050R-09M25	YDAL-070R-09M25
Code		**7SP064000**	**7SP064001**	**7SP064002**	**7SP064003**
Sound pressure level at 1 m	dB (A)	62	65	65	68
Sound level	dB (A)	51	52	54	53
Airflow	m³/h	1500	1900	2000	2600
Compressor type		Rotary	Rotary	Rotary	Rotary
Unit dimensions (WxHxD)	mm	772x325x263	700x544x245	800x553x280	890x705x340
Package dimensions (WxHxD)	mm	767x516x314	845x610x330	908x627x405	1046x780x460
Net weight/Gross weight	kg	19.2/21.5	22.0/24.2	29.2/33.8	44.0/48.0
POWER SUPPLY					
Phase/Voltage/Frequency		1PH/220-240/50Hz	1PH/220-240/50Hz	1PH/220-240/50Hz	1PH/220-240/50Hz
PIPE LINE					
Gas pipe diameter	inches	1/4"	1/4"	1/4"	1/4"
Liquid pipe diameter	inches	3/8"	3/8"	1/2"	1/2"
Max. length	m	15	20	20	25
Max. height	m	10	10	15	15
Refrigerant/GWP		**R32/675**	**R32/675**	**R32/675**	**R32/675**

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT
HIGH WALL	MONOSPLIT
 HDLL	 YDAL

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

26-AW-PRODUCT LEAFLET-HDLL Oasis-EN-0426 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

NEW

FDHM

Floor ceiling

COOLING A++ | HEATING A+ | FLUID R32





RC21 included

+ PRODUCT

- RC21 remote control included
- Sill or ceiling installation
- Low profile
- Long-range airflow 9 to 12 m
- Antibacterial filter
- UVC sterilisation
- Wide air diffusion angle

Connectivity

SMART LIFE

Technology

ELECTRONIC EXPANSION VALVE
ENGINEER MODE ON REMOTE CONTROL
BLUE FIN TREATMENT EXCHANGERS
COOLING MODE OPERATIONAL UP TO 50°C OUTDOOR

Air quality

FRESH AIR SUPPLY
TRIPLE ACTION FILTER

User functions

QUIET MODE
PROGRAMMABLE TIMER
TIMER
AUTO RESTART (MEMORY)
REMOTE CONTROL LOCK
WI-FI
TURBO MODE
AIR FLAP POSITION MEMORY
MODE LOCK

Installer functions

ERROR CODE VIA INDOOR UNIT
AUTO-DIAGNOSTIC
ALARM OUTPUT
DRY CONTACT ON/OFF
BMS COMPATIBLE
COOLING MODE ONLY

CERTIFICATION

- AIRWELL participates in the ECP program for AC1. Check ongoing validity of certificate: www.eurovent-certification.com

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Tested according to international standards:

ISO 5151:2010

NF EN 378

SUSTAINABLE DEVELOPMENT

- Energy label A++ in cooling mode and A+ in heating mode, guaranteeing optimised consumption and energy savings.

USER

- Wide air diffusion angle: left/right sweep angle up to 100°, and up/down sweep angle up to 70°.
- Multiple connectable applications, thanks to dry contact: room card, presence detection.
- Wall or ceiling installation, ideal to adapt to the room.

INSTALLER

- Fresh air supply.
- Installation for ceiling lights up to 4.2 m high (14 and 16 kW).
- Simplified maintenance: Quick access to wiring (2 screws) and electronic board (1 screw) after simply opening the grille.

TECHNOLOGY

- This unit ensures optimal regulation thanks to its electronic expansion valve, which guarantees greater operating precision.
- The unit includes an on/off contact that can be linked to an access card ('room card') to save energy, as well as an alarm contact (synthetic fault) for safety.
- It has a wide operating range of -20°C to 50°C.
- For increased durability, the heat exchangers are treated with Blue Fin to prevent corrosion.

OPTIONS

ACCESSORY	CODE	PICTURE	FUNCTION
Wired remote control RWV11	7ACELH039		• *On/off, set temperature adjustment, fan speed selection, operating mode selection and air flow adjustment.*
Control unit RWV09	7ACELH038		• *Reading and operating parameters.* • *History and display of fault codes.* • *Weekly programming.* • *Modbus RTU signal output: can be combined with a Wi-Fi module or third-party device.*
ADV06 **(mandatory with RWV09)**	7ACEL1945		• *Modbus adapter for BMS.*
TD03	7ACEL1919		• *Display and recording of all operating parameters.*

TECHNICAL DATA

INDOOR UNIT		FDHM-050N-09M22	FDHM-070N-09M22	FDHM-100N-09M22	FDHM-140N-09M22	FDHM-160N-09M22
Code		**7SP024090**	**7SP024092**	**7SP024094**	**7SP024096**	**7SP024098**
COOLING						
Rated power (min./max.)	**kW**	**5.00 (1.40~5.70)**	**7.10 (2.00~8.20)**	**9.50 (2.50~10.00)**	**13.40 (3.50~14.00)**	**16.00 (4.50~16.50)**
Rated power	Btu/h	17060	24200	32400	45700	54600
Rated power input (min./max.)	kW	1.45 (0.50~2.00)	2.21 (0.50~4.00)	3.11 (0.50~4.00)	5.13 (1.00~6.50)	5.39 (1.00~6.50)
Energy label		A++	A++	A++	A+	A++
EER		3.48	3.23	3.25	2.61	2.97
SEER		7.31	6.20	6.20	5.97	6.10
Seasonal power (35°C)	kW	5.00	7.10	9.50	13.40	16.0
Annual energy consumption	kWh	240	406	653	792	924
Operating limits	°C			-20~50°		
HEATING						
Rated power (min./max.)	**kW**	**5.80 (1.40~6.00)**	**7.80 (2.50~8.50)**	**10.50 (3.00~12.50)**	**15.00 (4.00~15.50)**	**17.00 (5.00~18.00)**
Rated power	Btu/h	20136	26600	35800	51200	58000
Pdesignh (warmer climate) (2°C)	kW	2.80	4.45	5.20	5.00	5.95
Rated power input (min./max.)	kW	1.56 (0.52~2.35)	2.10 (0.50~4.00)	3.15 (0.50~4.00)	4.97 (1.00~6.50)	4.97 (1.00~6.50)
Annual energy consumption	kWh	1491	1831	2898	2995	3791
Annual energy consumption (warmer climate)	kWh	743	1721	1900	1276	1665
Energy label		A+	A+	A+	A+	A+
SCOP/Energy label (warmer climate)		5.2/A+++	5.32/A++	4.8/A++	4.93/A++	5/A++
COP		3.73	3.71	3.71	3.05	3.42
SCOP		4.10	4.00	4.05	4.00	4.06
Seasonal power (-10°C)	kW	4.40	5.00	7.20	8.50	11.00
Operating limits	°C			-20~24°		
INDOOR UNIT						
Phase/Voltage/Frequency		1P/220-240V/50-60Hz				
Airflow (TLS/LS/MS/HS)	m³/h	500/650/750/880	840/930/1128/1250	1160/1280/1400/1600	1600/1800/1980/2150	1650/1850/2000/2250
Sound pressure	dB(A)	57	61	63	66	67
Sound level (TLS/LS/MS/HS)	dB(A)	35/38/41/44	35/38/40/43	37/41/43/46	40/43/46/48	40/43/46/48
Unit dimensions (WxHxD)	mm	1000x680x230	1325x680x230	1325x680x230	1650x680x230	1650x680x230
Package dimensions (WxHxD)	mm	1100x779x305	1425x779x305	1425x779x305	1750x779x305	1750x779x305
Net weight/Gross weight	kg	26/32	34/42	34/42	43/51	43/51

OUTDOOR UNIT		YDAM-050R-09M25	YDAM-070R-09M22	YDAM-100R-09M22	YDAM-140R-09T32	YDAM-160R-09T32
Code		**7SP063282**	**7SP063284**	**7SP063286**	**7SP063288**	**7SP063290**
Phase/Voltage/Frequency		1P/220-240V/50-60Hz			3P/380-415V/50-60Hz	
Airflow (HS)	m³/h	3000	3000	3500	4500	7400
Sound pressure (HS)	dB(A)	51	54	54	58	58
Sound level (HS)	dB(A)	63	68	68	74	72
Compressor type		Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Unit dimensions (WxHxD)	mm	820x642x306	890x700x340	950x815x370	950x965x370	950x1350x370
Package dimensions (WxHxD)	mm	940x697x390	985x720x430	1085x850x465	1050x1130x485	1050x1500x485
Net weight/Gross weight	kg	37.8/40.5	37/42	56/60	68/78	101/116
PIPE LINE						
Liquid pipe diameter	inches	1/4"	3/8"	3/8"	3/8"	3/8"
Gas pipe diameter	inches	1/2"	5/8"	5/8"	5/8"	3/4"
Max. length	m	25	50	50	70	70
Max. height	m	15	30	30	30	30
Maximum piping length without refrigerant charge	m	7	10	30	30	30
Refrigerant/GWP		**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**
Charge	kg	1.1	1.3	1.7	2.5	3.5
Additional charge	g/m	20	45	45	45	60

MATCHING

INDOOR UNITS	FDHM-050N	FDHM-070N	FDHM-100N	FDHM-140N	FDHM-160N
COMPATIBLE WITH MONOSPLIT OUTDOOR UNIT	 YDAM-050	 YDAM-070	 YDAM-100	 YDAM-140	 YDAM-160

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

26-AW-PRODUCT LEAFLET-FDHM Oasis-EN-0426 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

NEW

DDHM

Ducted medium pressure

COOLING **A++** | HEATING **A+** | FLUID **R32**





RWV11 included

+ PRODUCT

- RWV11 remote control included
- DC Inverter
- Quiet and compact
- High energy efficiency
- Integrated condensate pump
- Wide range of power options available.
- Adjustable static pressure (from 20 to 150 Pa)
- Dry contact for BMS (Building Management System)

Connectivity

SMART LIFE

Technology

ELECTRONIC EXPANSION VALVE | ENGINEER MODE ON REMOTE CONTROL | BLUE FIN TREATMENT EXCHANGERS | COOLING MODE OPERATIONAL UP TO 50°C OUTDOOR

Air quality

TRIPLE ACTION FILTER

User functions

TIMER | AUTO RESTART (MEMORY) | REMOTE CONTROL LOCK | WI-FI

TURBO MODE | AIR FLAP POSITION MEMORY | MODE LOCK

Installer functions

AUTO-DIAGNOSTIC | BUILT-IN CONDENSATE PUMP | ALARM OUTPUT | DRY CONTACT ON/OFF

BMS COMPATIBLE | COOLING MODE ONLY

CERTIFICATION

- AIRWELL participates in the ECP program for AC1. Check ongoing validity of certificate: www.eurovent-certification.com

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Tested according to international standards:

ISO 5151:2010 | NF EN 378

SUSTAINABLE DEVELOPMENT

- Energy label A++ in cooling mode and A+ in heating mode, guaranteeing optimised consumption and energy savings.

USER

- Invisible and discreet solution.
- Fits into any interior.
- Wide range available.
- Very quiet (installation in false ceiling).
- Ensures air renewal (fresh air supply).
- Dry contact for BMS (Building Management System).

INSTALLER

- Ideal for confined spaces.
- Easy installation.
- Static pressure (150 Pa).
- Long ducts possible.
- Long refrigeration lengths 70 m.
- Designed for fresh air.
- Integrated condensate pump (1000 mm).

TECHNOLOGY

- This unit ensures optimal regulation thanks to its electronic expansion valve, which guarantees greater operating precision.
- The unit includes an on/off contact that can be linked to an access card ('room card') to save energy, as well as an alarm contact (synthetic fault) for safety.
- It incorporates a condensate pump for automatic drainage and has a wide operating range of -20°C to 50°C.
- For increased durability, the heat exchangers are treated with Blue Fin to prevent corrosion.
- Its adaptability to the air distribution network is ensured by adjustable static pressure.

OPTIONS

ACCESSOIRE	CODE	VISUEL	FONCTION
Infrared remote control RC21	**7ACEL1938**		*Temperature control, mode selection (Auto, Cool, Heat, Fan), fan speeds, automatic airflow direction (Swing), Silent and Night modes, timer programming, Turbo function, Wi-Fi, self-cleaning and lock.*
Control unit RWV09	**7ACELH038**		*Reading and operating parameters. History and display of fault codes. Weekly programming. Modbus RTU signal output: can be combined with a Wi-Fi module or third-party device.*
ADV06 **(mandatory with RWV09)**	**7ACEL1945**		*Modbus adapter for BMS.*
TD03	**7ACEL1919**		*Display and recording of all operating parameters.*
Wi-Fi module	**7ACEL1950**		*Wi-Fi module for control via Smart Life.*

TECHNICAL DATA

INDOOR UNIT		DDHM-035N-09M22	DDHM-050N-09M22	DDHM-070N-09M22	DDHM-090N-09M22	DDHM-100N-09M22	DDHM-140N-09M22	DDHM-160N-09M22
Code		7SP033105	7SP033107	7SP033109	7SP033117	7SP033111	7SP033113	7SP033115
COOLING								
Rated power (min./max.)	kW	3.50 (0.90~4.50)	5.00 (1.80~6.00)	7.10 (2.00~8.20)	9.00 (2.50~10.00)	9.50 (2.50~10.00)	13.40 (4.00~15.00)	16.00 (4.50~16.50)
Rated power	Btu/h	11900	17100	24200	30700.00	32400	45700	54600
Rated power input (min./max.)	kW	1.08 (0.28~1.80)	1.55 (0.55~2.00)	2.10 (0.50~3.00)	2.99 (0.50~4.00)	2.79 (0.50~4.00)	5.00 (1.00~6.00)	5.48 (1.0~6.5)
Energy label		A++	A++	A++	A++	A++	A++	A+
EER		3.23	3.23	3.28	3.01	3.40	2.55	2.92
SEER		6.10	6.10	6.21	6.10	6.20	6.10	5.94
Seasonal power Cooling (35°C)	kW	3.50	5.00	7.10	9.00	9.50	13.40	16.00
Annual energy consumption	kWh	215	291	390	498	544	820	943
Operating limits	°C	-20~50°						
HEATING								
Rated power (min./max.)	kW	4.00 (1.00~4.80)	6.00 (2.00~6.20)	7.60 (2.50~8.50)	10.00 (3.00~10.50)	10.50 (3.00~12.50)	15.00 (4.50~16.00)	17.00 (5.00~18.00)
Rated power	Btu/h	13600	20500	25600	34100.00	35800	51200	58000
Pdesignh (warmer climate) (2°C)	kW	1.60	3.12	4.45	3.70	5.20	5.00	5.96
Rated power input (min./max.)	kW	1.08 (0.28~1.80)	1.48 (0.60~2.00)	2.00 (0.50~2.60)	2.86 (0.50~4.00)	2.80 (0.50~4.00)	4.10 (1.00~6.00)	4.82 (1.0~6.50)
Annual energy consumption	kWh	1020	1782	1800	2535	2792	3020	3798
Annual energy consumption (warmer climate)	kWh	417	985	1721	1066	1587	1276	1665
Energy label		A+	A+	A+	A+	A+	A+	A+
SCOP/Energy label (warmer climate)		5.32/A+++	5.32/A+++	5.32/A+++	4.8/A++	4.8/A++	4.93/A++	5/A++
COP		3.71	3.71	3.80	3.50	3.75	3.30	3.53
SCOP		4.00	4.00	4.20	4.00	4.05	4.00	4.06
Puissance saisonnière (-10°C)	kW	2.70	4.50	5.00	7.00	7.20	8.50	11.00
Operating limits	°C	-20~24°						
INDOOR UNIT								
Phase/Voltage/Frequency		1P/220-240V/50-60Hz						
Airflow (TLS/LS/MS/HS)	m³/h	450/600/720/840	550/780/900/1020	880/1050/1260/1400	1000/1250/1400/1550	1240/ 1360/ 1480/1600	1500/1780/2160/2500	1500/1780/2160/2500
Pression statique externe	Pa	25 (default)/37/50/70/90/ 100/110/120/130/150	25 (default)/37/50/70/90/ 100/110/120/130/150	25 (default)/37/50/70/90/ 100/110/120/130/150	25 (default)/37/50/70/90/ 100/110/120/130/150	25/37 (default)/50/70/90/ 100/110/120/130/150	25/37/50 (default)/70/90/ 100/110/120/130/150	25/37 (default)/50/70/90/ 100/110/120/130/150
Sound level (HS)	dB(A)	55	56	58	60	61	66	67
Sound pressure (TLS/LS/MS/HS)	dB(A)	26/28/35/41	28/30/37/43	36/39/41/44	36/39/41/44	37/40/44/47	39/42/45/48	39/42/45/48
Unit dimensions (WxHxD)	mm	700 x248 x700	1100x248x700	1100x248x700	1100x248x700	1100x248x700	1500x248x700	1500x248x700
Package dimensions (WxHxD)	mm	914x318x866	1316x318x866	1316x318x866	1316x318x866	1316x318x866	1711x325x870	1711x325x870
Net weight/Gross weight	kg	26/30	31/35	31/35	38/42	38/42	48/57	48/57

OUTDOOR UNIT		YDAM-035R-09M25	YDAM-050R-09M25	YDAM-070R-09M22	YDAM-090R-09M22	YDAM-100R-09M22	YDAM-140R-09T32	YDAM-160R-09T32
Code		7SP063280	7SP063282	7SP063284	7SP063292	7SP063286	7SP063288	7SP063290
Phase/Voltage/Frequency		1P/220-240V/50Hz		1P/220-240V/50-60Hz			3P/380-415V/50-60Hz	
Airflow (HS)	m³/h	2000	3000	3000	3500	3500	4500	7400
Sound level (HS)	dB(A)	61	63	68	68	68	74	72
Sound pressure (HS)	dB(A)	48	51	54	54	54	58	58
Compressor type		Rotary	Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Unit dimensions (WxHxD)	mm	800x553x280	820x642x306	890x700x340	920x765x372	950x815x370	950x965x370	950x1350x370
Package dimensions (WxHxD)	mm	902x614x375	940x697x390	985x720x430	1036x820x478	1085x850x465	1050x1130x485	1050x1500x485
Net weight/Gross weight	kg	30/32.9	37.8/40.5	37/42	60/65	56/60	68/78	101/116
PIPE LINE								
Liquid pipe diameter	inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Gas pipe diameter	inches	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	3/4"
Max. length	m	20	25	50	50	50	70	70
Max. height	m	10	15	30	30	30	30	30
Maximum piping length without refrigerant charge	m	7	7	10	30	30	30	30
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Charge	kg	0.78	1.10	1.30	1.70	1.70	2.50	3.50
Additional charge	g/m	20	20	45	45	45	45	60

MATCHING

INDOOR UNITS	DDHM-035N/050N	DDHM-070N	DDHM-90N	DDHM-100N	DDHM-140N	DDHM-160N
COMPATIBLE WITH MONOSPLIT OUTDOOR UNIT	 YDAM-035/050	 YDAM-070	 YDAM-090	 YDAM-100	 YDAM-140	 YDAM-160

26-AW-PRODUCT LEAFLET-DDHM Oasis-EN-0426 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

NEW

CDHM

360° cassette

COOLING **A++** | HEATING **A+** | FLUID **R32**

+ PRODUCT

- DC Inverter
- RC21 remote control included
- Integrated condensate pump
- Fresh air supply
- Dry contact available
- 4-way diffusion (3.5 and 5 kW)
- 360° diffusion with increased range



CDHM 035N-050N



CDHM 070N-100N-140N-160N



RC21 included

Connectivity

SMART LIFE

Technology

ELECTRONIC EXPANSION VALVE
4D AIRFLOW
MULTIFLOW 360°
ENGINEER MODE ON REMOTE CONTROL
PRESENCE DETECTION (OPTIONAL)
BLUE FIN TREATMENT EXCHANGERS
COOLING MODE OPERATIONAL UP TO 50°C OUTDOOR

Air quality

STANDARD FILTER

User functions

TIMER
AUTO RESTART (MEMORY)
REMOTE CONTROL LOCK
WI-FI
TURBO MODE
AIR FLAP POSITION MEMORY
MODE LOCK

Installer functions

AUTO-DIAGNOSTIC
BUILT-IN CONDENSATE PUMP
ALARM OUTPUT
DRY CONTACT ON/OFF
BMS COMPATIBLE
COOLING MODE ONLY

CERTIFICATION

- AIRWELL participates in the ECP program for AC1. Check ongoing validity of certificate: www.eurovent-certification.com

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Tested according to international standards:

ISO 5151:2010

NF EN 378

SUSTAINABLE DEVELOPMENT

- Energy label A++ in cooling mode and A+ in heating mode, guaranteeing optimised consumption and energy savings.

USER

- Air renewal, thanks to its fresh air supply.
- Multiple connectable applications, thanks to the dry contact: room card, optional presence detection.
- “Gentle breeze” mode.

INSTALLER

- Easy integration into false ceilings thanks to its small footprint.
- Easy installation with an integrated condensate pump (elevation up to 1000 mm).
- Special mode for high ceilings, up to 4.5 m.
- Refrigeration length up to 70 m to suit the installation.

TECHNOLOGY

- This unit ensures precise control and energy savings thanks to its electronic expansion valve, which guarantees optimal regulation.
- For energy efficiency, an on/off contact is included to be connected to an external solution such as a ‘room card’.
- Installation and maintenance are simplified by the included condensate pump for automatic drainage.
- The unit is durable thanks to the Blue Fin treatment applied to the heat exchangers (internal and external), providing protection against corrosion.
- An alarm contact (synthesis fault) is included for installation safety.
- Wide operating range from -20°C to 50°C.

OPTIONS

ACCESSORY	CODE	PICTURE	FUNCTION
Wired remote control RWV11	**7ACELH039**		*• On/off, set temperature adjustment, fan speed selection, operating mode selection and air flow adjustment.*
Control unit RWV09	**7ACELH038**		*• Reading and operating parameters. • History and display of fault codes. • Weekly programming. • Modbus RTU signal output: can be combined with a Wi-Fi module or third-party device.*
ADV06 **(mandatory with RWV09)**	**7ACEL1945**		*• Modbus adapter for BMS.*
TD03	**7ACEL1919**		*• Display and recording of all operating parameters.*

TECHNICAL DATA

INDOOR UNIT		CDHM-035N-09M22	CDHM-050N-09M22	CDHM-070N-09M22	CDHM-100N-09M22	CDHM-140N-09M22	CDHM-160N-09M22
Code		7SP042310	7SP042312	7SP042314	7SP042316	7SP042318	7SP042320
COOLING							
Rated power (min./max.)	**kW**	**3.50 (0.90~4.50)**	**5.00 (1.80~5.80)**	**7.10 (2.00~8.20)**	**9.50 (2.50~10.00)**	**13.40 (3.50~14.00)**	**15.00 (4.50~16.00)**
Rated power	Btu/h	12000	17000	24200	32400	45700	51200
Rated power input (min./max.)	kW	1.06 (0.28~1.80)	1.53 (0.55~2.00)	2.20 (0.50~4.00)	2.79 (0.50~4.00)	5.51 (1.00~6.50)	5.03 (1.00~6.50)
Energy label		A++	A++	A++	A++	A+	A+
EER		3.31	3.26	3.23	3.40	2.54	2.98
SEER		6.10	6.10	6.10	6.20	5.62	5.96
Seasonal power (35°C)	kW	3.50	5.00	7.1 0	9.5 0	13.40	15.00
Annual energy consumption	kWh	222	363	406	544	838	880
Operating limits	°C	-20~50°					
HEATING							
Rated power (min./max.)	**kW**	**4.00 (1.00~4.80)**	**5.50 (2.00~6.50)**	**7.90 (2.50~8.50)**	**10.50 (3.00~12.50)**	**15.00 (4.00~15.50)**	**16.00 (5.00~17.00)**
Rated power	Btu/h	13700	18800	27000	35800	51200	54600
Pdesignh (warmer climate) (2°C)	kW	1.60	3.12	4.45	5.20	5.00	6.01
Rated power input (min./max.)	kW	1.08 (0.28~1.80)	1.52 (0.60~2.00)	2.13 (0.50~4.00)	2.83 (0.50~4.00)	5.77 (1.00~6.50)	5.26 (1.00~6.50)
Annual energy consumption	kWh	1427	1932	1831	2792	3032	3859
Annual energy consumption (warmer climate)	kWh	417	985	1721	1900	1276	1707
Energy label		A	A+	A+	A+	A+	A
SCOP/Energy label (warmer climate)		5.32/A+++	5.32/A+++	5.32/A+++	4.80/A++	4.93/A++	4.39/A++
COP		3.71	3.42	3.72	3.71	2.63	3.04
SCOP		3.80	4.00	4.00	4.05	4.00	3.99
Seasonal power (-10°C)	kW	3.00	4.00	5.00	7.20	8.50	11.00
Operating limits	°C	-20~24°					
INDOOR UNIT							
Phase/Voltage/Frequency		1P/220-240V/50-60Hz					
Airflow (TLS/LS/MS/HS)	m³/h	350/450/520/620	400/500/620/700	700/900/1100/1260	1250/1550/1750/1920	1250/1480/1650/1950	1300/1650/1950/2050
Sound level (HS)	dB(A)	52	55	57	62	64	65
Sound level (TLS/LS/MS/HS)	dB(A)	27/30/33/36	32/35/37/42	35/38/40/42	34/38/42/45	34/38/44/47	34/38/44/48
Unit dimensions (WxHxD)	mm	570x260x570	570x260x570	840x204x840	840x246x840	840x288x840	840x288x840
Package dimensions (WxHxD)	mm	718x380x680	718x380x680	978x269x978	978x269x978	978x353x978	978x353x978
Net weight/Gross weight	kg	18.5/22	19/22	23/28	24/31	27/33	27/33
PANEL							
Unit dimensions (WxHxD)	mm	620x60x620	620x60x620	950x50x950	950x50x950	950x50x950	950x50x950
Package dimensions (WxHxD)	mm	660x115x660	660x115x660	1013x125x1035	1013x125x1035	1013x125x1035	1013x125x1035
Net weight/Gross weight	kg	2.8/4.5	2.8/4.5	5.5/8.5	5.5/8.5	5.5/8.5	5.5/8.5
Panel code - White		**7ACVF0601**	**7ACVF0601**	**7ACVF0613**	**7ACVF0613**	**7ACVF0613**	**7ACVF0613**
Panel code - Black		**-**	**-**	**7ACVF0615**	**7ACVF0615**	**7ACVF0615**	**7ACVF0615**

OUTDOOR UNIT		YDAM-035R-09M25	YDAM-050R-09M25	YDAM-070R-09M22	YDAM-100R-09M22	YDAM-140R-09T32	YDAM-160R-09T32
Code		7SP063280	7SP063282	7SP063284	7SP063286	7SP063288	7SP063290
Phase/Voltage/Frequency		1P/220-240V/50Hz		1P/220-240V/50-60Hz		3P/380-415V/50-60Hz	
Airflow (HS)	m³/h	2000	3000	3000	3500	4500	7400
Sound level (HS)	dB(A)	61	63	68	68	74	72
Sound level (HS)	dB(A)	48	51	54	54	58	58
Compressor type		Rotary	Rotary	Twin Rotary	Twin Rotary	Twin Rotary	Twin Rotary
Unit dimensions (WxHxD)	mm	800x553x280	820x642x306	890x700x340	950x815x370	950x965x370	950x1350x370
Package dimensions (WxHxD)	mm	902x614x375	940x697x390	985x720x430	1085x850x465	1050x1130x485	1050x1500x485
Net weight/Gross weight	kg	30/32.9	37.8/40.5	37/42	56/60	68/78	101/116
PIPE LINE							
Liquid pipe diameter	inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
Gas pipe diameter	inches	3/8"	1/2"	5/8"	5/8"	5/8"	3/4"
Max. length	m	20	25	50	50	70	70
Max. height	m	10	15	30	30	30	30
Maximum piping length without refrigerant charge	m	7	7	10	30	30	30
Refrigerant/GWP		**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**	**R32/675**
Refrigerant loading factors	kg	0.78	1.10	1.30	1.70	2.50	3.50
Refrigerant charge quantity for extra length	g/m	20	20	45	45	45	60

MATCHING

INDOOR UNITS	CDHM-035N/050N	CDHM-070N	CDHM-100N-	CDHM-140N	CDHM-160N
COMPATIBLE WITH MONOSPLIT OUTDOOR UNIT	 YDAM-035N/050N	 YDAM-070	 YDAM-100	 YDAM-140	 YDAM-160

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

26-AW-PRODUCT LEAFLET-CDHM Oasis-EN-0426 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

NEW

SDHM

Floor standing

COOLING **A++** | HEATING **A+** | FLUID **R32**

+ PRODUCT

- RC21 remote control included
- Antibacterial filter
- UVC sterilisation
- Vertical airflow up to 135° and horizontal airflow up to 160°





RC21 included

Connectivity

SMART LIFE

Technology

ELECTRONIC EXPANSION VALVE
ENGINEER MODE ON REMOTE CONTROL
BLUE FIN TREATMENT EXCHANGERS
50°C
COOLING MODE OPERATIONAL UP TO 50°C OUTDOOR

Air quality

TRIPLE ACTION FILTER

User functions

TIMER
AUTO RESTART (MEMORY)
REMOTE CONTROL LOCK
WI-FI
TURBO MODE
AIR FLAP POSITION MEMORY
MODE LOCK

Installer functions

ERROR CODE VIA INDOOR UNIT
AUTO-DIAGNOSTIC
LEFT/RIGHT DRAIN CONNECTION
ALARM OUTPUT
DRY CONTACT ON/OFF
BMS COMPATIBLE
ENERGY CONSUMPTION CONTROL
COOLING MODE ONLY

CERTIFICATION

- AIRWELL participates in the ECP program for AC1. Check ongoing validity of certificate: www.eurovent-certification.com

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

- Tested according to international standards:

ISO 5151:2010
NF EN 378

SUSTAINABLE DEVELOPMENT

- Energy label A++ in cooling mode and A+ in heating mode, guaranteeing energy savings.

USER

- Wide diffusion angle, allowing vertical airflow up to 135° and horizontal airflow up to 160°.
- Solution suitable for large volumes.

INSTALLER

- Suitable for large volumes.
- Fresh air supply.

TECHNOLOGY

- This unit ensures optimal regulation thanks to its electronic expansion valve, which guarantees greater operating precision.
- The unit includes an on/off contact that can be linked to an access card ('room card') to save energy, as well as an alarm contact (synthetic fault) for safety.
- It has a wide operating range of -20° to 50°C.
- For increased durability, the heat exchangers are treated with Blue Fin to prevent corrosion.

OPTIONS

ACCESSORY	CODE	PICTURE	FUNCTION
Wired remote control RWV11	**7ACELH039**		• *On/off, set temperature adjustment, fan speed selection, operating mode selection and air flow adjustment.*
Control unit RWV09	**7ACELH038**		• *Reading and operating parameters.* • *History and display of fault codes.* • *Weekly programming.* • *Modbus RTU signal output: can be combined with a Wi-Fi module or third-party device.*
ADV06 **(mandatory with RWV09)**	**7ACEL1945**		• *Modbus adapter for BMS.*
TD03	**7ACEL1919**		• *Display and recording of all operating parameters.*

TECHNICAL DATA

INDOOR UNIT		SDHM-100N-09M22	SDHM-140N-09M22
Code		**7SP101065**	**7SP101067**
COOLING			
Rated power (min./max.)	**kW**	**9.50 (2.50-10.00)**	**13.40 (3.50-14.00)**
Rated power	Btu/h	32400	45700
Rated power input (min./max.)	kW	3.94 (0.50-4.00)	5.25 (1.00-6.50)
Energy label		A++	A++
EER		3.23	2.55
SEER		6.10	6.10
Seasonal power (35°C)	kW	9.5	13.4
Annual energy consumption	kWh	531	837
Operating limits	°C	-20~50°	
HEATING			
Rated power (min./max.)	**kW**	**10.50 (3.00-11.00)**	**15.00 (4.00-15.50)**
Rated power	Btu/h	35800	51200
Pdesignh (warmer climate) (2°C)	kW	4.20	4.59
Rated power input (min./max.)	kW	2.83 (0.50-4.00)	4.55 (1.00-6.50)
Annual energy consumption	kWh	2523	3018
Annual energy consumption (warmer climate)	kWh	1100	1327
Energy label		A+	A+
SCOP/Energy label (warmer climate)		4.8/A++	4.8/A++
COP		3.71	3.50
SCOP		4.10	4.00
Seasonal power (-10°C)	kW	7.5	8.5
Operating limits	°C	-20~24°	
INDOOR UNIT			
Phase/Voltage/Frequency		1P/220-240V/50-60Hz	
Airflow (LS/MS/HS)	m³/h	1400/1600/1800	1400/1600/1900
Sound level (HS)	dB(A)	65	67/65/60/57/55
Sound pressure (LS/MS/HS)	dB(A)	44/47/52	55/52/47/44/42
Unit dimensions (WxHxD)	mm	620x1880x400	620x1880x400
Package dimensions (WxHxD)	mm	694x1954x480	694x1954x480
Net weight/Gross weight	kg	47/57	47/57

OUTDOOR UNIT		YDAM-100R-09M22	YDAM-140R-09T32
Code		**7SP063286**	**7SP063288**
Phase/Voltage/Frequency		1P/220-240V/50-60Hz	3P/380-415V/50-60Hz
Airflow (HS)	m³/h	3500	4500
Sound level (HS)	dB(A)	68	74
Sound pressure (HS)	dB(A)	54	58
Compressor type		Twin Rotary	Twin Rotary
Unit dimensions (WxHxD)	mm	950x815x370	950x965x370
Package dimensions (WxHxD)	mm	1085x850x465	1050x1130x485
Net weight/Gross weight	kg	56/60	68/78
PIPE LINE			
Liquid pipe diameter	inches	3/8"	3/8"
Gas pipe diameter	inches	5/8"	5/8"
Max. length	m	50	70
Max. height	m	30	30
Maximum piping length without refrigerant charge	m	30	30
Refrigerant/GWP		**R32/675**	**R32/675**
Charge	kg	1.7	2.5
Additional charge	g/m	45	45

MATCHING

INDOOR UNITS	SDHM-100N	SDHM-140N
COMPATIBLE WITH MONOSPLIT OUTDOOR UNIT	 YDAM-100	 YDAM-140

26-AW-PRODUCT LEAFLET-SDHM Oasis-EN-0426 - GROUPE AIRWELL SA - Specifications subject to change without notice. Pictures non contractual. Printed in UE.

GROUPE AIRWELL
10, RUE DU FORT DE SAINT CYR - 78180 MONTIGNY LE BRETONNEUX, FRANCE
TEL.: +33 (0)1 76 21 82 00 - www.airwell.com

AFTER-SALES

TECHNICAL SUPPORT, ORDER SPARE PARTS

Our France-based helpline is on hand to assist you and answer any questions you may have.

+33 (0)1 76 21 82 95

Monday to Friday 9 am-12:30 pm / 2 pm-5 pm

TECHNICAL SUPPORT

sav@airwell.com

AIRWELL ACADEMY

YOUR TRAINING CONTACT

+33 (0)1 76 21 82 22

airwell-academy@airwell.com

GROUPE **AIRWELL**

10, rue du Fort de Saint-Cyr
78180 Montigny-le-Bretonneux, FRANCE

Tél.: +33 (0)1 76 21 82 00

www.airwell.com

Imprimé en France

