

# AIR CONDITIONING

Range

COMFORT

## Cassettes MD

MULTI-DUCT



Cooling only



Heat pump



Electrical heating



R407C



**Airwell**  
Air Conditioning

# Cassettes

# MD Multi-Duct



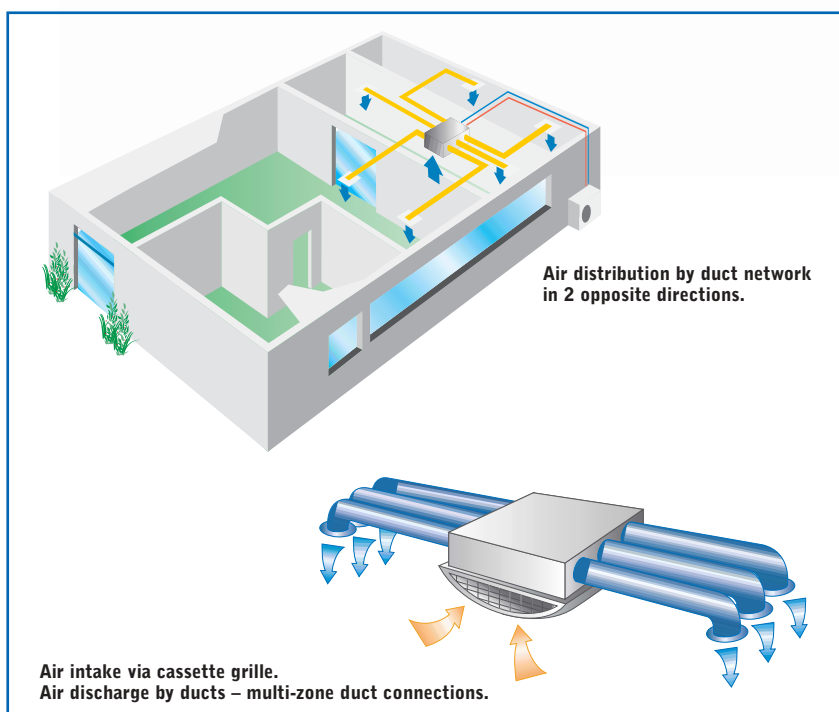
SCROLL  
COMPRESSOR

## A NEW SPLIT-SYSTEM CONCEPT for air conditioning residential and tertiary sector premises

The multi-duct "cassette" type air conditioning units from the AIRWELL MD range are available in both "Cooling Only" and 'Heat pump' versions.

This 3 model range offers cooling capacities from 9,230 W to 13,250 W and thus is ideal for meeting the air conditioning needs of all sizes of premises.

- Corridor installation possible (width: 850 mm).
- Suspended ceiling installation: only 300 mm high.
- Factory fitted condensates drainage pump with 600 mm lift height.
- Refrigeration pipe lengths up to 50 metres.
- Total accessibility via the unit's underside.
- Re-usable air filters.
- Self-diagnosis function.
- Electronic regulation and infra red remote control with liquid crystal display.
- Air intake grille equipped with noise attenuator.
- Options, accessories:
  - Electrical heating.
  - Fresh air intake.
  - Manual or motorised air damper.
  - Centralised control of multiple units possible with RCW 2 remote control.



The MD range  
is available with the ecologically-  
friendly R-407C refrigerant,  
protecting the ozone layer  
and complying with current  
environmental protection legislation.



Cooling only



Heat pump

Electrical heating



Adaptors for flexible ducts.  
6 adaptors for cylindrical ducts (8 to 12")  
included in the supply.



Air blowing orifices on 2 opposite sides.



Low noise level turbine.



Sliding, drawer mounted  
electrical box. Access to all  
electrical connections.

## INFRA RED REMOTE CONTROL

Range up to 8 metres



## A CHOICE OF MULTI-FUNCTION REMOTE CONTROLS WITH LEADING EDGE ERGONOMICS

- Automatic Cooling / Heating regulation
- 3 ventilation speeds
- Automatic ventilation
- Night time slow running
- Dehumidification
- 2 programming ranges: weekdays & weekend
- LCD screen

## WALL MOUNTED REMOTE CONTROL

Available as an accessory:

Hardwired control

Capable of controlling up to 32 different indoors units  
(15 zones)

# TECHNICAL SPECIFICATIONS

## MD SERIES

Cooling only models		MD 35	MD 38	MD 50
<b>Cooling capacity (1)</b>	<b>kW</b>	<b>9,23</b>	<b>10,99</b>	<b>13,25</b>
Power input	kW	3,55	4,07	5,3
Airflow (LS/MS/HS)	m <sup>3</sup> /h	1040/1180/1700	1180/1475/1700	1180/1475/2000
Available static pressure (min. / max.)	daPa	3/8	3/8	3/8
<b>Noise levels (1m) (3)</b>				
Indoor unit (LS/MS/HS)	dB(A)	45/47/52	47/50/52	47/50/53
Outdoor unit	dB(A)	62	62	75
<b>Power supply</b>				
<b>1~230V - 50 Hz</b>		•	-	-
<b>3N~400V - 50Hz</b>		-	•	•
Fuse (1~230V)		25	-	-
Fuse (3N~400V)		-	10	10
Compressor type		Scroll	Scroll	Scroll
Electrical heating	W	1500	3000	3000

## MD RC SERIES

Heat pump models		MD 35 RC	MD 38 RC	MD 50 RC
<b>Heating capacity (2)</b>	<b>kW</b>	<b>9,38</b>	<b>11,1</b>	<b>13,37</b>
Power input	kW	3,48	3,82	4,8
<b>DIMENSIONS AND WEIGHT</b>				
<b>Indoor unit</b>				
Weight	kg	43	44	44
Cassette dimensions (WxDxH)	mm	1025x760x300	1025x760x300	1025x760x300
<b>Outdoor unit</b>				
Weight	kg	82	93	95
Dimensions (WxDxH)	mm	900x340x860	900x340x970	900x350x970

## Linking specifications between indoor and outdoor units

### Linking pipes (not supplied)

Max. length	m	30	50	50
Max. height difference	m	10	25	25
Suction pipe	Inches	5/8"	3/4"	3/4"
Liquid pipe	Inches	3/8"	3/8"	3/8"

### Electrical connections (not supplied)

1~230V version	mm <sup>2</sup>	5x1,5	-	-
3N~400V version	mm <sup>2</sup>	-	5x1,5	5x1,5

### GENERAL NOTES:

All values are specified for a 230 V supply voltage.

(1) Nominal cooling capacity: International conditions: 27°C / 19°C (wet bulb) - outside air temperature 35°C / 24°C (wet bulb) (Standards NF EN 255.2 - NF EN 814.2).

(2) Nominal heating capacity: International conditions: 20°C / 12°C (wet bulb) - outside air temperature 7°C / 6°C (wet bulb) (Standards NF EN 255.2 - NF EN 814.2).

(3) Sound levels. Global acoustic pressure in dB(A) under nominal conditions: Outdoors unit in an open area against a reflective background - Indoors unit: installation in an average sized room (LS - 0.5 s reverberation at 1 m distance).



**ACE**  
Marketing

ACE - 1 bis, av. du 8 mai 1945 - Saint-Quentin-en-Yvelines  
F - 78284 Guyancourt Cedex  
Fax : +33 (0) 1 39 44 11 55 - Tel. : +33 (0) 1 39 44 78 00  
[www.airwell.com](http://www.airwell.com)



Your distributor **Airwell**

