MVA

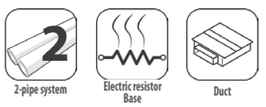
Multisplit reversible Heat Pumps
Variable refrigerant flow system (VRF)
Cooling Capacity from 12,1kW to 246,0kW
Heating Capacity from 14,0kW to 276,0kW
For systems with 2 and 3 pipes

OUTDOOR UNITS

MVAS - STANDARD

MVAS1200S
MVAS1400S
MVAS1600S
MVAS1200T
MVAS1400T
MVAS1600T

MVAS2241T
MVAS2801T
MVAS3350T

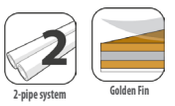


MVAM - MODULAR

MVAM2240T
MVAM2800T

MVAM3350T
MVAM4000T
MVAM4500T

MVAM5040T
MVAM5600T
MVAM6150T



MVAMHR - MODULAR

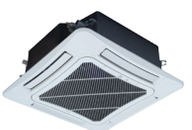
MVAMHR2240T
MVAMHR2800T

MVAMHR3350T
MVAMHR4000T
MVAMHR4500T

Exchange module MEB *(Required Accessory)*

INDOOR UNITS

MVA_W



MVA_CS - MVA_C - MVA_CB

MVA_C1

MVA_FS (Cold Plasma Generator)

MVA_F

MVA_D - MVA_DH

MVA_V

WLRC

WRC

Wired panel (Soft Touch) and Remote Control as Standard on all Indoor Units

Golden Fin - Anti-Corrosion Protection

Outdoor units equipped with special Heat Transfer Coils with Anti-Corrosion Protection Golden Fin.
The aluminium-manganese (Al-Mn) fins of the coils are coated with a special layer of Epoxy Resin, which gives it a typical golden colour, and a further hydrophilic layer.

Cold Plasma Generator - Air Ionizer

This device is able to reduce pollutants, decomposing their molecules using electrical charges, causing the water molecules in the air to split into positive and negative ions. These ions neutralise the molecules in the gaseous pollutants, obtaining products normally present in clean air. The device is able to eliminate 90% of the bacteria. The result is clean, ionized air, free of foul odours.
Available only for MVA_FS Indoor Unit

Base electric heater

To avoid possible formation of ice and facilitate disposal of condensate during heating operation.

STANDARD ON MVAS OUTDOOR UNITS
MVAS1200S - MVAS1400S - MVAS1600S
MVAS1200T - MVAS1400T - MVAS1600T

MVAS Outdoor Units also with Single Indoor Duct-Type Units

STANDARD OUTDOOR UNITS
MVAS2241T - MVAS2801T

COMPATIBLE INDOOR UNITS
MVA2240DH
MVA2800DH

CHARACTERISTICS

OUTDOOR UNITS

MVAS (STANDARD)
- Standard outdoor unit available in 9 sizes with nominal cooling capacity from 12.1kW to 33.5kW.
- From 1 to 16 connectible Indoor Units.
- Total maximum length of the refrigerant lines up to 300 m.
- Base Electric Heater as standard for sizes: MVAS1200S-1400S-1600S and MVAS1200T-1400T-1600T

MVAM (MODULAR)
- Modular outdoor units available in 8 base modules with nominal cooling capacity from 22.4kW to 61.50kW.
- From 1 to 80 connectible Indoor Units.
- Total maximum length of the refrigerant lines up to 1000 m.
- Modular system: Base modules that can be combined (max. 4) for a total of 33 recommended combinations, with cooling capacity values from 68.0kW to 246.0kW.

MVAMHR (MODULAR c/w 3 PIPES)
- Modular outdoor units available in 5 base modules with nominal cooling capacity from 22.4kW to 45kW.
- From 1 to 80 connectible Indoor Units.
- Total maximum length of the refrigerant lines up to 1000 m.
- Modular system: Base modules that can be combined (max. 4) for a total of 24 recommended combinations, with cooling capacity values from 50.40kW to 180.0kW.
- Possibility of managing Hot or Cold modes independently and simultaneously MVAMHR 3-pipe Outdoor Units must be interfaced with two dual pipe MVA series Indoor Units using the Exchange Module (MEB) available with one, two, four or eight branches. **MEB: compulsory accessory for 3-pipe systems.**

For All Modular Outdoor Units
- Management optimised over operating time of the compressors under partial loads
- Emergency operation, in the event of problems with the compressors or fans, allows operation of the system with a reduced number of compressors and/or fans for a limited time.
- Channelled Air Delivery from 0PA (default) to 82Pa of Effective Static Head set via dip switches.

For cooling line connections, refer to the accessories section -Refnet Joints

INDOOR UNITS

- **WALL**
  MVA_W: Wall for wall mounting.
- **4-way CASSETTE**
  Cassette for suspended ceiling installation, subdivided into the following configurations:
  MVA_CS: Cassette 600 x 600
  (Mandatory accessory GL40S).
  MVA_C: Cassette 840 x 840
  (Mandatory accessory GL40).
  MVA_CB: Cassette 910 x 910
  (Mandatory accessory GL40B).
- **-1-way CASSETTE**
  MVA_C1: Cassette
  (Mandatory accessory - GLC1)
- **FLOOR CEILING**
  MVA_F: Floor Ceiling for floor or ceiling installation.
  MVA_FS: Console for floor mounting.
  Air Ionizer (Cold Plasma Generator).
- **DUCT**
  MVA_D: Low Hydraulic Head Duct for horizontal ceiling mounting.
  MVA_DH: High Hydraulic Head Duct for ducted horizontal ceiling mounting.
- **COLUMN**
- MVA_V: Column for installations in large areas.

GENERAL FEATURES:

- Refrigerant gas R410A.
- Total Capacity connected to the Outdoor Units between 50% and 135% of the rated capacity of the selected configuration.
- Indoor Units fitted with electronic expansion valve on board.
- WRC (Soft Touch) Wired panel for wall mounting, standard on all Indoor Units It can manage a single Indoor Unit or can be used to manage a set of Indoor Units (up to a maximum of 16) with the same settings.
- WLRC infrared remote control, standard on all Indoor Units.
- DC Inverter compressors were selected to maximise efficiencies, reduce consumption, minimise pickup power input, to have efficient control of the oil return and accurate control of the room temperature and humidity.
- Outdoor units fitted with fans with continuous variable speed inverter motor.
- Microprocessor control.
- In the MVA system the chiller connections were made using braze welded Y-joints and F-joints (provided as a mandatory accessory), ensuring flexibility in the installation and full compliance with safety standards, as well as a lower environmental impact due to the absence of leaks.
- Extremely quiet operation.
- Auto-Restart function active by default, can be deactivated.
- Standard condensate control device; allows cooling operation with low outside temperatures.
- Serial communication in CANBUS protocol.
- Easy installation thanks to non-polarised serial connections and the self-addressing function of the indoor units.

CONTROL SYSTEMS

CC2

WRC
(standard on all Indoor Units)

WRC1

MODBUSGW

MVASZC

WRCS

USBDC

Control Systems Compatible with all Outdoor Units

REFNET JOINTS

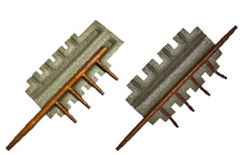
Outdoor units

MVAM - 2-pipe system
RNYM01

MVAHR - 3-pipe system
RNYMHR
RNYHR

Indoor units
RNY (Y-Type)
RNF (F-Type)

RNY


RNF

Advantages of the modular system

The compact dimensions of the MVA series ensure easy transport to the destination site. The units can be transferred easily to the roofs of buildings without requiring cranes but using lifts.
The modules are easy to install and link together from the cooling point of view, thanks to the connections with dedicated Refnet joints.
Modularity is essential as it also allows high-capacity systems to be created in a quick, simple way.

Hot / Cold modes are independent and simultaneous *(only for MVAMHR units)*

In 3-Pipe Units, Hot or Cold modes can be managed **Independently and Simultaneously**.
MVAMHR 3-pipe Outdoor Units must be interfaced with two dual pipe MVA series Indoor Units using the **Exchange Module (MEB)** available with one, two, four or eight branches.
MEB: compulsory accessory for 3-pipe systems.

The MVAM HR VRF heat recovery system heats and cools at the same time with one single circuit. MVAM HR recovers the heat produced during cooling and uses it to heat certain rooms cost-free, maximising energy efficiency and reducing energy costs.

Ideal for tertiary and commercial sector buildings, it connects up to 4 outdoor units (maximum cooling capacity 180 kW) and 1-80 indoor units of different versions.
For hotel owners, this means perfect comfort for guests, who can freely choose between cooling or heating. For offices, it means the ideal conditions in the work context, regardless of exposure to the sun or the type of use.

ACCESSORIES

CONTROL SYSTEMS

MODBUSGW
This accessory allows you to manage up to 16 MVA systems (with a maximum total of 128 indoor units), making a serial Modbus available for supervision with an external BMS.
USBDC
This kit includes a CANBUS to ModBUS converter and the VRF Debugger software. It was related to meet the needs of after sales service or authorised technicians who must carry out control and debugging procedures on the MVA range.
WRC
wired Soft-Touch panel this Accessory is supplied as standard with all Indoor Units; it is also possible to purchase an additional WRC Wired Panel to control a single Indoor Unit or set of Indoor Units (up to a maximum of 16), with the same settings from two separate locations.

WRC1
Wired panel (Soft Touch) with the same characteristics of the WRC, but also equipped with an Integrated External Contact.
WRCS
Simplified control wired panel for Indoor Units with built-in External Contact. This panel is particularly suitable for hotel applications. It can control a single Indoor Unit or a set of Indoor Units (up to a maximum of 16) with the same settings from two separate locations.
CC2
Centralised Control (7" touch screen display), which can be used to manage up to 255 Indoor Units distributed across a maximum of 16 Systems.
MVASZC
Simplified Centralised Control (4,3" touch screen display), which can be used to manage up to 32 Indoor Units distributed across a maximum of 16 Systems.

Air delivery and recovery grille for indoor Cassette-type units.

Mandatory accessory

Grille Model	Cassette Indoor Unit			4-WAY	1-WAY	Dimensions	Weight
	MVA_CS	MVA_C	MVA_CB			LxHxW (mm)	kg
GL40S	●	-	-	●	-	670 x 670 x 50	3,5
GL40	-	●	-	●	-	950 x 950 x 60	7
GL40B	-	-	●	●	-	1040 x 1040 x 65	8
GLC1	-	-	-	-	●	1200 x 460 x 55	4,2

ACCESSORIES

REFNET JOINTS - Connection between Modular Outdoor Units

Y-joints for cooling connection between 2 Outdoor Units in Modular Systems. **Mandatory Accessory for Modular Systems.**
A modular system made up of n base modules requires n-1 Y-joints.

MVAM - 2-pipe system

RNYM01
Accessory comprising 2 Y-joints, one for the liquid line and one for the discharge line.

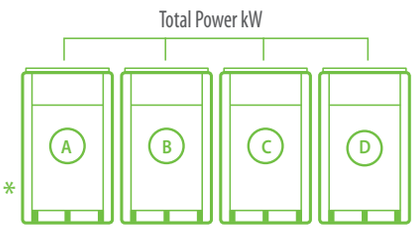
MVAHR - 3-pipe system

RNYMHR
Accessory comprising 3 Y-joints - one for the liquid line and two for the gas lines (one high pressure and the other low pressure).

CODE	TYPE	Outdoor Unit Combinations Sum of powers kW	
		≥	≤
RNYMHR10	Y	50,4	96
RNYMHR20	Y	96	-

Number of REFNET Kits needed per system

* Total Modules (A+B+C+D) no.	Sum of Powers (kW)	REFNET	no. of kits needed
1	50,4 <	-	-
2	≥ 50,4 - 96 ≤	RNYMHR10	1
3	≥ 50,4 - 96 ≤	RNYMHR10	2
3	>96	RNYMHR20	2
4	>96	RNYMHR20	3



CONNECTION BETWEEN MODULAR OUTDOOR UNITS AND MEB (EXCHANGE MODULE)

RNYHR
Accessory for connecting outdoor units with the MEB exchange module.
Comprises three Y-joints - one for the liquid line and two for the gas lines (one high pressure and the other low pressure).

CODE	TYPE	Outdoor Unit Combinations Sum of powers kW	
		≥	≤
RNYHR10	Y	-	5
RNYHR20	Y	5	22.4
RNYHR30	Y	22.4	28
RNYHR40	Y	28	68
RNYHR50	Y	68	96
RNYHR60	Y	96	135
RNYHR70	Y	135	-

MEB
Exchange module with one, two, four or eight branches (each single branch can manage heating or cooling mode independently of the others, but simultaneously) for interfacing the MVAMHR 3-pipe outdoor units with the MVA 2-pipe indoor units:

Code	Branches no.	Maximum cooling capacity that can be managed (per single branch) (kW)	Total Power Managed by MEB (kW)	Connectible indoor units n° MAX
MEB10	1	14,2	-	6
MEB20	2	14,2	-	6
MEB40	4	14,2	45≤	6
MEB80	8	14,2	68≤	6

In order to connect indoor units with a capacity higher than 14kW, you must use two branches joined into one by means of a suitable RNY kit, and ensure the right setting of the dip-switches on the distribution box

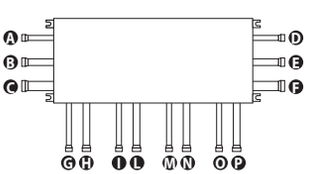
MEB10

MEB20

MEB40

MEB80

MEB exchange module:



Cooling connection	Description
A	Liquid (left side)
B	Gas (high pressure) (left side)
C	Gas (low pressure) (left side)
D	Liquid (right side)
E	Gas (high pressure) (right side)
F	Gas (low pressure) (right side)
G	Liquid (branch 1)
H	Gas (branch 1)
I	Liquid (branch 2)
L	Gas (branch 2)
M	Liquid (branch 3)
N	Gas (branch 3)
O	Liquid (branch 4)
P	Gas (branch 4)

JOINTS for connection between Indoor Units

RNY
Accessory made up of two Y-joints, one for the liquid line and one for the discharge line.

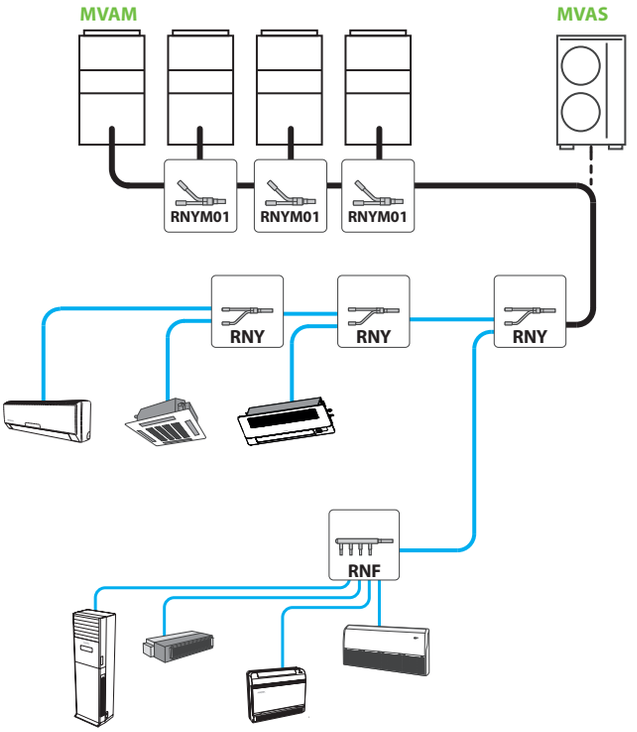
RNF
Accessory made up of two F-joints, one for the liquid line and one for the discharge line.

CODE	SYSTEM TYPE 2 PIPES	SYSTEM TYPE 3 PIPES	TYPE	Total power (down-line) >	Total power (down-line) ≤	Maximum 1-Way Connectable Power	no. of Connectable Indoor Units
RNY11	●	●	Y	-	20kW	-	-
RNY12	●	●		20kW	30kW	-	-
RNY21	●			30kW	70kW	-	-
RNY31	●			70kW	135kW	-	-
RNY41	●			135kW	-	-	-
RNF14	●		F	-	40kW	16kW	from 2 to 4
RNF18	●			-	68kW	16kW	from 4 to 8
RNF18B	●			68kW	-	16kW	from 4 to 8

For more information, refer to the installation manual available at www.aermec.com

EXAMPLE OF COOLING CONNECTION

2



MVAS - MVAM

2-pipe system
Cold or Hot operation

Cooling mode

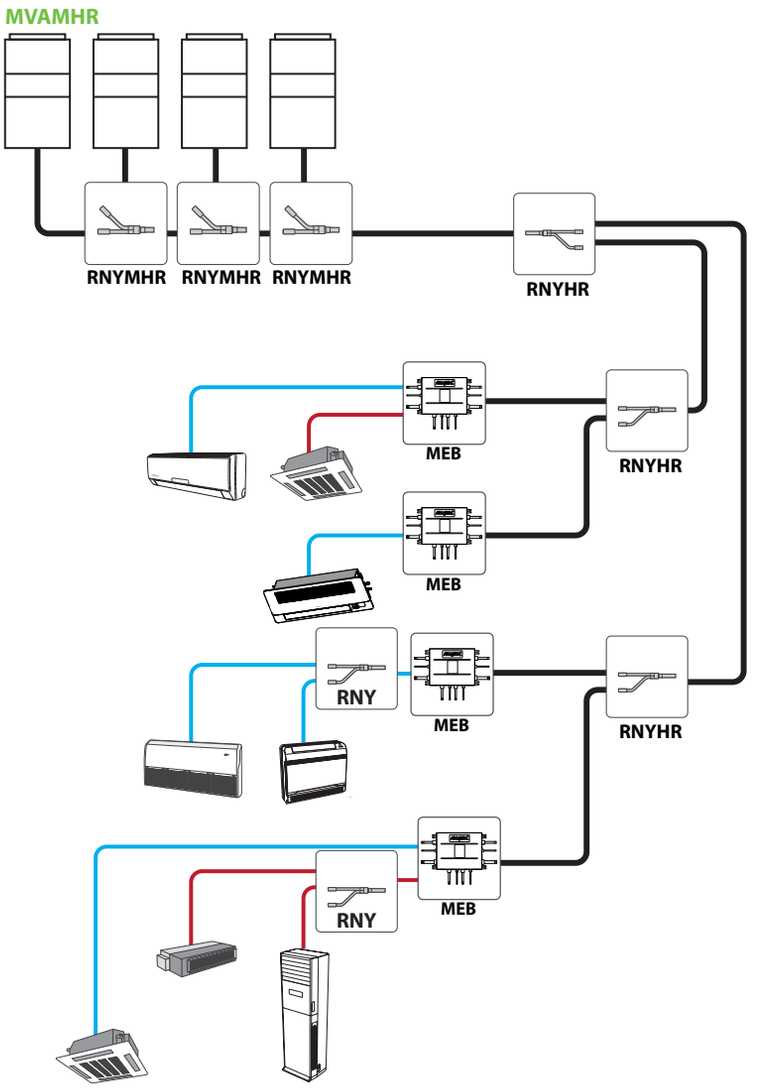
Maximum Total length of Cooling Lines
MVAS: 300m
MVAM: 1000m

When dimensioning the cooling lines, exclusively refer to the technical manual.

A modular system made up of n Base Modules requires n-1 Y-joints.

Code	Type	Number of joints included in a Single Kit
RNYM01	Y	2 (Liquid / Gas)
RNY	Y	2 (Liquid / Gas)
RNF	F	2 (Liquid / Gas)

3



MVAMHR

3-pipe system
Cold or Hot operation
Simultaneous Cold and Hot operation

Cooling mode
Heating mode

Maximum Total length of Cooling Lines
MVAMHR: 1000m

When dimensioning the cooling lines, exclusively refer to the technical manual.

A modular system made up of n Base Modules requires n-1 Y-joints.

Code	Type	Number of joints included in a Single Kit
RNYMHR	Y	3 (Liquid / High Pressure Gas / Low Pressure Gas)
RNYHR	Y	3 (Liquid / High Pressure Gas / Low Pressure Gas)
RNY	Y	2 (Liquid / Gas)
RNF	F	2 (Liquid / Gas)

MVAS - Connectable Units

MVAS	Power Cooling Nominal (kW)	N° Min Unit Indoor	N° Max Unit Indoor
1200S	12.1	2	7
1400S	14	2	8
1600S	16	2	9
1200T	12.1	2	7
1400T	14	2	8
1600T	16	2	9
2241T	22.4	1	13
2801T	28	1	17
3350T	33.5	2	20

MVAS Outdoor Units with Single Indoor Duct-Type Units

MVAS	Nominal Cooling Capacity (kW)	Number of Indoor Units	Compatible Indoor Unit
2241T	22.4	1	MVA2240DH
2801T	28,0	1	MVA2800DH

WARNING

The Nominal Cooling Power of the MVADH Indoor Unit must be higher than the specifications provided in the table.

MVAM - Recommended configurations

	Rated Cooling Capacity	MVAM Combination Module				Connectable indoor units Number	
	(kW)	(A)	(B)	(C)	(D)	MINIMUM (1)	MAXIMUM (2)
Base Module	22,40	2240T	---	---	---	1	13
	28,00	2800T	---	---	---	1	16
	33,50	3350T	---	---	---	1	19
	40,00	4000T	---	---	---	1	23
	45,00	4500T	---	---	---	1	26
	50,40	5040T	---	---	---	1	29
	56,00	5600T	---	---	---	1	33
	61,50	6150T	---	---	---	2	36
Combinations	68,00	2800T	4000T	---	---	2	39
	73,00	2800T	4500T	---	---	2	43
	78,40	2800T	5040T	---	---	2	46
	84,00	2800T	5600T	---	---	2	50
	89,50	2800T	6150T	---	---	2	53
	95,00	3350T	6150T	---	---	2	56
	101,50	4000T	6150T	---	---	2	59
	106,50	4500T	6150T	---	---	2	63
	111,90	5040T	6150T	---	---	3	64
	117,50	5600T	6150T	---	---	3	64
	123,00	6150T	6150T	---	---	3	64
	129,00	2800T	4500T	5600T	---	3	64

	Rated Cooling Capacity	MVAM Combination Module				Connectable indoor units Number	
	(kW)	(A)	(B)	(C)	(D)	MINIMUM (1)	MAXIMUM (2)
Combinations	134,50	2800T	4500T	6150T	---	3	64
	140,00	3350T	4500T	6150T	---	3	66
	145,50	2800T	5600T	6150T	---	3	69
	151,00	2800T	6150T	6150T	---	3	71
	156,50	3350T	6150T	6150T	---	3	74
	163,00	4000T	6150T	6150T	---	3	77
	168,00	4500T	6150T	6150T	---	4	80
	173,40	5040T	6150T	6150T	---	4	80
	179,00	5600T	6150T	6150T	---	4	80
	184,50	6150T	6150T	6150T	---	4	80
	190,50	2800T	4500T	5600T	6150T	4	80
	195,90	2800T	5040T	5600T	6150T	4	80
	201,50	2800T	5600T	5600T	6150T	4	80
	207,00	2800T	5600T	6150T	6150T	4	80
	212,50	2800T	6150T	6150T	6150T	4	80
	218,00	3350T	6150T	6150T	6150T	4	80
	224,50	4000T	6150T	6150T	6150T	5	80
	229,50	4500T	6150T	6150T	6150T	5	80
	234,90	5040T	6150T	6150T	6150T	5	80
	240,50	5600T	6150T	6150T	6150T	5	80
	246,00	6150T	6150T	6150T	6150T	5	80

MVAM - Permitted Configurations

Rated Cooling Capacity	MVAM Combination Module				Connectable indoor units Number	
(kW)	(A)	(B)	(C)	(D)	MINIMUM (1)	MAXIMUM (2)
50,40	2240T	2800T	---	---	1	29
56,00	2800T	2800T	---	---	1	33
61,50	2800T	3350T	---	---	2	36
78,50	3350T	4500T	---	---	2	46
85,00	4000T	4500T	---	---	2	50
90,00	4500T	4500T	---	---	2	53
96,00	2800T	2800T	4000T	---	2	56
101,00	2800T	2800T	4500T	---	2	59
106,50	2800T	3350T	4500T	---	3	63
113,00	2800T	4000T	4500T	---	3	64
118,00	2800T	4500T	4500T	---	3	64

Rated Cooling Capacity	MVAM Combination Module				Connectable indoor units Number	
(kW)	(A)	(B)	(C)	(D)	MINIMUM (1)	MAXIMUM (2)
123,50	3350T	4500T	4500T	---	3	64
130,00	4000T	4500T	4500T	---	3	64
135,00	4500T	4500T	4500T	---	3	64
141,00	2800T	2800T	4000T	4500T	3	66
146,00	2800T	2800T	4500T	4500T	3	69
151,50	2800T	3350T	4500T	4500T	3	71
158,00	2800T	4000T	4500T	4500T	3	74
163,00	2800T	4500T	4500T	4500T	3	77
168,50	3350T	4500T	4500T	4500T	4	80
175,00	4000T	4500T	4500T	4500T	4	80
180,00	4500T	4500T	4500T	4500T	4	80

MVAMHR - Configurations

	Rated Cooling Capacity	MVAM Combination Module				Connectable indoor units Number	
	(kW)	(A)	(B)	(C)	(D)	MINIMUM (1)	MAXIMUM (2)
Base Module	22,40	2240T	---	---	---	1	13
	28,00	2800T	---	---	---	1	16
	33,50	3350T	---	---	---	1	19
	40,00	4000T	---	---	---	1	23
	45,00	4500T	---	---	---	1	26
Combinations	50,40	2240T	2800T	---	---	1	29
	56,00	2800T	2800T	---	---	1	33
	61,50	2800T	3350T	---	---	2	36
	68,00	2800T	4000T	---	---	2	39
	73,00	2800T	4500T	---	---	2	43
	78,50	3350T	4500T	---	---	2	46
	85,00	4000T	4500T	---	---	2	50
	90,00	4500T	4500T	---	---	2	53
	96,00	2800T	2800T	4000T	---	2	56
	101,00	2800T	2800T	4500T	---	2	59

	Rated Cooling Capacity	MVAM Combination Module				Connectable indoor units Number	
	(kW)	(A)	(B)	(C)	(D)	MINIMUM (1)	MAXIMUM (2)
Combinations	106,50	2800T	3350T	4500T	---	3	63
	113,00	2800T	4000T	4500T	---	3	64
	118,00	2800T	4500T	4500T	---	3	64
	123,50	3350T	4500T	4500T	---	3	64
	130,00	4000T	4500T	4500T	---	3	64
	135,00	4500T	4500T	4500T	---	3	64
	141,00	2800T	2800T	4000T	4500T	3	66
	146,00	2800T	2800T	4500T	4500T	3	69
	151,50	2800T	3350T	4500T	4500T	3	71
	158,00	2800T	4000T	4500T	4500T	3	74
	163,00	2800T	4500T	4500T	4500T	3	77
	168,50	3350T	4500T	4500T	4500T	4	80
	175,00	4000T	4500T	4500T	4500T	4	80
	180,00	4500T	4500T	4500T	4500T	4	80

Modular system achieved by combining 2 to 4 base modules. ***Connections between base modules must be made on installation.***

(1) the sum of powers for indoor units may never be less than 50% of the rated cooling capacity of the outdoor unit (or the sum of units) selected;

(2) the sum of powers for indoor units may never be more than 135% of the rated cooling capacity of the outdoor unit (or the sum of units) selected;

Outdoor Units Technical Data

2-PIPE SYSTEM

Outdoor units		MVAS	1200S	1400S	1600S	1200T	1400T	1600T	2241T	2801T	3350T
Cooling Capacity (Nominal)		kW	12.1	14,0	16,0	12.1	14,0	16,0	22.4	28,0	33.5
Input power (Nominal)		kW	3.05	3,98	4.85	3.05	3,98	4.85	7,2	9,8	10,8
Input Current (Nominal)		A	15,0	19.2	23,4	5,2	6.4	7,6	12,5	17,5	19,3
EER		W/W	3.97	3.52	3,30	3.97	3.52	3,30	3.11	2,86	3.10
Heating Capacity (Nominal)		kW	14,0	16,5	18.5	14,0	16,5	18.5	24.0	30,0	35,0
Input power (Nominal)		kW	3.27	3,99	4,67	3.27	3,99	4,67	6,5	8,8	10,2
Input Current (Nominal)		A	15,8	19,3	23,0	5,8	6,8	7.8	11,0	15,7	18,2
COP		W/W	4,28	4.14	3,96	4,28	4.14	3,96	3.69	3.41	3,43
Nominal Input Power (1)		kW	5,7	6,3	6,8	6,2	6.7	7.02	9,6	12,5	13,7
Refrigerant Gas		Type / GWP	R410A / 2088kgCO2eq								
Filling coolant gas		kg	5	5	5	5	5	5	5,5	7,1	8,0
Compressors		DC Inverter	1	1	1	1	1	1	1	1	1
Nominal Air Flow Rate		m^3/h	6000	6300	6600	6000	6300	6600	8000	11000	11000
Maximum Total Length of Lines		m	300	300	300	300	300	300	300	300	300
Fans		no.	2	2	2	2	2	2	2	2	2
Sound pressure (2)		dB(A)	55	56	58	55	56	58	60	62	63
Chiller Connections	Ø liquid	mm (inch)	9,52(3/8")	9,52(3/8")	9,52(3/8")	9,52(3/8")	9,52(3/8")	9,52(3/8")	19,05(3/4")	22,2(7/8")	25,4(1")
	Ø gas	mm (inch)	15,9(5/8")	15,9(5/8")	19,05(3/4")	15,9(5/8")	15,9(5/8")	19,05(3/4")	9,52(3/8")	9,52(3/8")	12,7(1/2")
	Type		Flared	Flared	Flared	Flared	Flared	Flared	To be soldered	To be soldered	To be soldered
Power Supply			220-240V ~ 50Hz 208-230V ~ 60Hz					380-415V 3N~50Hz 380-415V 3N~60Hz			

Outdoor units		MVAM	2240T	2800T	3350T	4000T	4500T	5040T	5600T	6150T
Cooling Capacity (Nominal)		kW	22.4	28,0	33.5	40,0	45,0	50,4	56,0	61,5
Total Power Input (Nominal)		kW	5,20	7,0	8.41	10,65	12,65	14.20	16,00	18.50
Input Current (Nominal)		A	9.3	12,5	15,0	19,0	22.6	25,40	28,60	33,10
EER		W/W	4,31	4,00	3,98	3.76	3.56	3.55	3,50	3,32
Heating Capacity (Nominal)		kW	25	31,5	37,5	45,0	50,0	56,50	63,00	69,00
Input power (Nominal)		kW	5,5	7.30	9.0	11,10	13,0	14,10	16,60	18,90
Input Current (Nominal)		A	9,8	13,0	16,1	19,8	23,2	25,20	29,70	33,80
COP		W/W	4.55	4.32	4,17	4.05	3.85	4.01	3,80	3,65
Nominal Input Power (1)		kW	8,8	11,7	13,8	16,1	18,6	25,4	29,70	33,80
Refrigerant Gas		Type / GWP	R410A / 2088kgCO2eq							
Filling coolant gas		kg	5.9	6.7	8.2	9,8	10,3	11.30	14.30	14.30
Compressors		DC Inverter	1	1	1	2	2	2	2	2
Nominal Air Flow Rate		m^3/h	11400	11400	14000	14000	14000	16000	16000	16000
Maximum Total Length of Lines		m	1000	1000	1000	1000	1000	1000	1000	1000
Fans		no.	1	1	1	2	2	2	2	2
Sound pressure (2)		dB(A)	60	61	63	63	63	63	63	64
Chiller Connections	Ø liquid	mm (inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	12,7 (1/2")	12,7 (1/2")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")
	Ø gas	mm (inch)	19,05 (3/4")	22,2 (7/8")	25,4 (1")	25,4 (1")	28,6 (1" 1/8)	28,6 (1" 1/8)	28,6 (1" 1/8)	28,6 (1" 1/8)
	Ø oil balancing	mm (inch)	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
	Type		To be soldered	To be soldered	To be soldered	To be soldered	To be soldered	To be soldered	To be soldered	To be soldered
Power Supply			380-415V 3N~50Hz 380-415V 3N~60Hz							

3-PIPE SYSTEM

Outdoor units		MVAMHR	2240T	2800T	3350T	4000T	4500T
Cooling Capacity (Nominal)		kW	22.4	28,0	33.5	40,0	45,0
Total Power Input (Nominal)		kW	5,20	6.9	8.2	10,6	12.1
Input Current (Nominal)		A	9.3	12,3	14,7	18,9	21,6
EER		W/W	4,31	4,06	4.09	3.77	3.72
Heating Capacity (Nominal)		kW	25	31,5	37,5	45,0	50,0
Input power (Nominal)		kW	5.30	7.30	8,70	10,8	12,5
Input Current (Nominal)		A	9,5	13	15,6	19,3	22.3
COP		W/W	4.72	4.32	4,31	4,17	4,00
Nominal Input Power (1)		kW	9.10	11.70	13,80	16,1	18,6
Refrigerant Gas		Type / GWP	R410A / 2088kgCO2eq				
Filling coolant gas		kg	6,2	7,1	9,6	11,1	11,6
Compressors		DC Inverter	1	1	1	2	2
Nominal Air Flow Rate		m^3/h	11400	11400	14000	14000	14000
Maximum Total Length of Lines		m	1000	1000	1000	1000	1000
Fans		no.	1	1	1	2	2
Sound pressure (2)		dB(A)	60	61	63	63	63
Chiller Connections	Ø Liquid	mm (inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	12,7 (1/2")	12,7 (1/2")
	Ø Gas (high pressure)	mm (inch)	15,9(5/8")	19,05(3/4")	19,05(3/4")	22,2(7/8")	22,2(7/8")
	Ø Gas (low pressure)	mm (inch)	19,05(3/4")	22,2(7/8")	25,4(1")	25,4(1")	28,6(1"1/8)
	Type		To be soldered	To be soldered	To be soldered	To be soldered	To be soldered
Power Supply			380-415V 3N~50Hz 380-415V 3N~60Hz				

Cooling (EN-14511)
Room air temperature 27°C D.B. / 19°C W.B. outside air temperature 35°C

Heating (EN-14511)
Room air temperature 20°C D.B.; Outside air temperature 7°C d.b. / 6°C w.b.

(1) The *Nominal Input Power* is the *Maximum Electrical Power absorbed* by the system, according to EN-60335-1 and EN-60335-2-40
(2) *Sound Pressure* measured in a *Semi Anechoic Chamber* at 1m from the unit.

Indoor Units - Technical Data

WALL

Indoor units		MVA	220W	280W	360W	450W	500W	560W	630W	710W
Cooling Capacity		kW	2.20	2,80	3.60	4.50	5,00	5.60	6,30	7.10
Heating Capacity		kW	2,50	3,20	4,00	5,00	5.80	6,30	7.00	7.50
Nominal Input Power (1)		W	50	50	60	60	60	70	70	70
Nominal Air Flow Rate		m^3/h	500	500	630	630	630	750	750	750
Sound Pressure (min.)		dB(A)	30	30	38	38	38	38	38	38
Sound Pressure (max.)		dB(A)	38	38	44	44	44	44	44	44
Chiller Connections	Ø liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
	Ø gas	mm (inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	12,7 (1/2")	12,7 (1/2")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")
Power Supply			220-240V ~ 50Hz							

LOW-HEAD DUCT

Indoor units		MVA	220D	250D	280D	320D	360D	400D
Cooling Capacity		kW	2.20	2,50	2,80	3,20	3.60	4,00
Heating Capacity		kW	2,50	2,80	3,20	3.60	4,00	4.50
Nominal Input Power (1)		W	35	35	35	43	43	52
Nominal Air Flow Rate		m^3/h	450	450	450	550	550	700
Nominal Effective Static Head (2)		Pa	30	30	30	30	30	30
Sound Pressure (min.)		dB(A)	25	25	25	27	27	28
Sound Pressure (max.)		dB(A)	31	31	31	32	32	33
Chiller Connections	Ø liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
	Ø gas	mm (inch)	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	12,7 (1/2")	12,7 (1/2")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz					

Indoor units		MVA	450D	500D	560D	630D	710D	800D
Cooling Capacity		kW	4.50	5,00	5.60	6,30	7.10	8.00
Heating Capacity		kW	5,00	5.60	6,30	71,00	8.00	9.00
Nominal Input Power (1)		W	52	52	99	99	105	140
Nominal Air Flow Rate		m^3/h	700	700	1000	1000	1100	1100
Nominal Effective Static Head (2)		Pa	30	30	30	30	50	50
Sound Pressure (min.)		dB(A)	28	28	30	30	30	31
Sound Pressure (max.)		dB(A)	33	33	35	35	35	36
Chiller Connections	Ø liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
	Ø gas	mm (inch)	12,7 (1/2")	12,7 (1/2")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz					

Indoor units		MVA	900D	1000D	1120D	1250D	1400D
Cooling Capacity		kW	9.00	10.00	11.20	12.50	14,00
Heating Capacity		kW	10.00	11.20	12.50	14,00	16,00
Nominal Input Power (1)		W	209	209	209	230	230
Nominal Air Flow Rate		m^3/h	1500	1500	1700	2000	2000
Nominal Effective Static Head (2)		Pa	50	50	50	50	50
Sound Pressure (min.)		dB(A)	32	32	32	37	37
Sound Pressure (max.)		dB(A)	40	40	40	42	42
Chiller Connections	Ø liquid	mm (inch)	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
	Ø gas	mm (inch)	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz				

HIGH-HEAD DUCT

Indoor units		MVA	560DH	630DH	710DH	800DH	900DH	1000DH
Cooling Capacity		kW	5.60	6,30	7.10	8.00	9.00	10.00
Heating Capacity		kW	6,30	7.10	8.00	9.00	10.00	11.20
Nominal Input Power (1)		W	120	120	130	130	200	200
Nominal Air Flow Rate		m^3/h	1000	1000	1000	1000	1700	1700
Nominal Effective Static Head (2)		Pa	100	100	100	100	100	100
Sound Pressure (min.)		dB(A)	36	36	37	37	42	42
Sound Pressure (max.)		dB(A)	44	44	45	45	46	46
Chiller Connections	Ø liquid	mm (inch)	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
	Ø gas	mm (inch)	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz					

Indoor units		MVA	1120DH	1250DH	1400DH	1600DH	2240DH	2800DH
Cooling Capacity		kW	11.20	12.50	14,00	16,00	22,40	28,00
Heating Capacity		kW	12.50	14,00	16,00	17.00	25,00	31,00
Nominal Input Power (1)		W	200	220	220	350	800	900
Nominal Air Flow Rate		m^3/h	1700	2000	2000	2050	4000	4400
Nominal Effective Static Head (2)		Pa	100	100	100	150	150	150
Sound Pressure (min.)		dB(A)	42	42	44	46	-	-
Sound Pressure (max.)		dB(A)	46	48	48	48	54	55
Chiller Connections	Ø liquid	mm (inch)	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
	Ø gas	mm (inch)	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	19,05(3/4")	19,05(3/4")	22,2 (7/8")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz					

SMALL 4-WAY CASSETTE

Indoor units		MVA	220CS	280CS	360CS	450CS	500CS	560CS
Cooling Capacity		kW	2.20	2,80	3.60	4.50	5,00	5.60
Heating Capacity		kW	2,50	3,20	4,00	5,00	5.60	6,30
Nominal Input Power (1)		W	35	35	35	45	45	45
Nominal Air Flow Rate		m^3/h	600	600	600	700	700	700
Sound Pressure (min.)		dB(A)	41	41	41	45	45	45
Sound Pressure (max.)		dB(A)	51	51	51	55	55	55
Chiller Connections	Ø liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")
	Ø gas	mm (inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	12,7 (1/2")	12,7 (1/2")	15,9 (5/8")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz					

Indoor UNITS - Technical Data

4-WAY CASSETTE

Indoor units		MVA	280C	360C	450C	500C	560C	630C	710C
Cooling Capacity		kW	2,80	3.60	4.50	5,00	5.60	6,30	7.10
Heating Capacity		kW	3,20	4,00	5,00	5.60	6,30	7.10	8.00
Nominal Input Power (1)		W	48	48	48	50	59	59	68
Nominal Air Flow Rate		m^3/h	750	750	750	830	1000	1000	1180
Sound Pressure (min.)		dB(A)	-	-	-	-	-	-	-
Sound Pressure (max.)		dB(A)	36	36	36	36	37	37	38
Chiller Connections	Ø liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
	Ø gas	mm (inch)	9,52 (3/8")	12,7 (1/2")	12,7 (1/2")	12,7 (1/2")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz						

Indoor units		MVA	800C	900C	1000C	1120C	1250C	1400C	1600CB
Cooling Capacity		kW	8.00	9.00	10.00	11.20	12.50	14,00	16,00
Heating Capacity		kW	9.00	10.00	11.20	12.50	14,00	16,00	17.50
Nominal Input Power (1)		W	68	98	98	110	110	110	130
Nominal Air Flow Rate		m^3/h	1180	1500	1500	1700	1860	1860	2100
Sound Pressure (min.)		dB(A)	-	-	-	-	-	-	-
Sound Pressure (max.)		dB(A)	38	40	40	41	43	43	47
Chiller Connections	Ø liquid	mm (inch)	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
	Ø gas	mm (inch)	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz						

1-WAY CASSETTE

Indoor units		MVA	220C1	280C1	360C1	450C1	500C1
Cooling Capacity		kW	2.20	2,80	3.60	4.50	5,00
Heating Capacity		kW	2,50	3,20	4,00	5,00	5.60
Nominal Input Power (1)		W	30	30	30	30	30
Nominal Air Flow Rate		m^3/h	600	600	600	830	830
Sound Pressure (min.)		dB(A)	28	28	28	30	30
Sound Pressure (max.)		dB(A)	36	36	36	40	40
Chiller Connections	Ø liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
	Ø gas	mm (inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	12,7 (1/2")	12,7 (1/2")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz				

CONSOLE

Indoor units		MVA	220FS	280FS	360FS	450FS	500FS
Cooling Capacity		kW	2.20	2,80	3.60	4.50	5,00
Heating Capacity		kW	2,50	3,20	4,00	5,00	5.50
Nominal Input Power (1)		W	15	15	20	40	40
Nominal Air Flow Rate		m^3/h	400	400	480	680	680
Sound Pressure (max.)		dB(A)	38	38	40	46	46
Chiller Connections	Ø liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")
	Ø gas	mm (inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	12,7 (1/2")	12,7 (1/2")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz				

FLOOR CEILING

Indoor units		MVA	280F	360F	500F	630F	710F
Cooling Capacity		kW	2,80	3.60	5,00	6,30	7.10
Heating Capacity		kW	3.60	4,00	5.60	7.10	8.00
Nominal Input Power (1)		W	40	40	50	75	75
Nominal Air Flow Rate		m^3/h	650	650	950	1400	1400
Sound Pressure (min.)		dB(A)	32	32	33	39	39
Sound Pressure (max.)		dB(A)	36	36	42	44	44
Chiller Connections	Ø liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")	9,52 (3/8")
	Ø gas	mm (inch)	9,52 (3/8")	12,7 (1/2")	12,7 (1/2")	15,9 (5/8")	15,9 (5/8")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz				

Indoor units		MVA	900F	1120F	1250F	1400F
Cooling Capacity		kW	9.00	11.20	12.50	14,00
Heating Capacity		kW	11.20	12.50	14,00	16,00
Nominal Input Power (1)		W	140	160	160	160
Nominal Air Flow Rate		m^3/h	1600	2000	2000	2000
Sound Pressure (min.)		dB(A)	43	42	45	45
Sound Pressure (max.)		dB(A)	50	51	52	52
Chiller Connections	Ø liquid	mm (inch)	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")
	Ø gas	mm (inch)	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz			

COLUMN

Indoor units		MVA	1000V	1400V
Cooling Capacity		kW	10.00	14,00
Heating Capacity		kW	11,00	15.00
Nominal Input Power (1)		W	200	200
Nominal Air Flow Rate		m^3/h	1600	1600
Sound Pressure (min.)		dB(A)	46	46
Sound Pressure (max.)		dB(A)	50	50
Chiller Connections	Ø liquid	mm (inch)	9,52 (3/8")	9,52 (3/8")
	Ø gas	mm (inch)	15,9 (5/8")	15,9 (5/8")
Power Supply			220-240V ~ 50Hz | 208-230V ~ 60Hz	

Cooling (EN-14511)
Room air temperature 27°C D.B. / 19°C W.B.
outside air temperature 35°C

Heating (EN-14511)
Room air temperature 20°C D.B.;
Outside air temperature 7°C d.b. / 6°C w.b.

(1) The *Nominal Input Power* is the *Maximum Electrical Power* absorbed by the Indoor Unit, according to EN-60335-1 and EN-60335-2-40

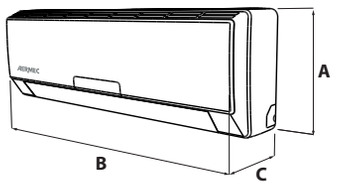
(2) *Nominal Effective Static Head* calculated at maximum speed.

Sound Pressure measured in *Chamber Semi anechoic* a 1m from the front.

All *Cooling Connections* for *Indoor Units* are *Flared Type* except for Models MVA2240DH and MVA2800DH which are *Soldered Type*

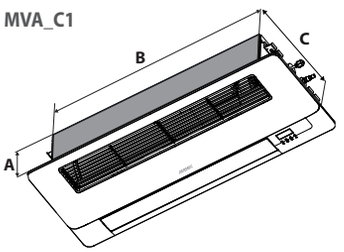
Indoor Unit Weights and Dimensions

MVA_W



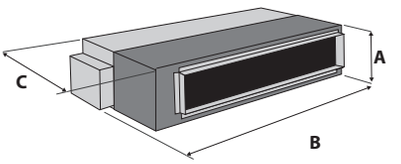
MVA_W	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVA220W	275	843	180	22
MVA280W	275	843	180	9,5
MVA360W	298	940	200	11
MVA450W	298	940	200	11
MVA500W	298	940	200	11
MVA560W	319	1008	221	13
MVA630W	319	1008	221	13
MVA710W	319	1008	221	13

MVA_C1



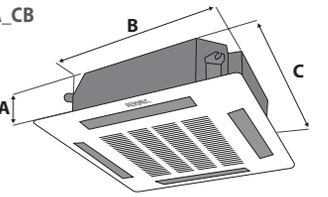
MVA_C1	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVA220C1	178	987	385	20
MVA280C1	178	987	385	20
MVA360C1	178	987	385	20
MVA450C1	178	987	385	20
MVA500C1	178	987	385	20
Grille Dimensions GLC1 1200 x 460 x 55 mm - 4.2kg				

MVA_D
MVA_DH



MVA_D MVA_DH	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVA220D	200	700	615	22
MVA250D	200	700	615	22
MVA280D	200	700	615	22
MVA320D	200	700	615	22
MVA360D	200	700	615	22
MVA400D	200	900	615	27
MVA450D	200	900	615	27
MVA500D	200	900	615	27
MVA560D	200	1100	615	31
MVA630D	200	1100	615	31
MVA710D	260	1200	655	31
MVA800D	260	1200	655	40
MVA900D	260	1340	655	46
MVA1000D	260	1340	655	46
MVA1120D	260	1340	655	46
MVA1250D	260	1340	655	47
MVA1400D	260	1340	655	47
MVA560DH	268	1271	558	35
MVA630DH	268	1271	558	35
MVA710DH	268	1271	558	35
MVA800DH	268	1271	558	35
MVA900DH	290	1229	775	47
MVA1000DH	290	1229	775	47
MVA1120DH	290	1229	775	47
MVA1250DH	290	1229	775	47
MVA1400DH	290	1229	775	47
MVA1600DH	350	1340	750	60
MVA2240DH	327	1353	632	115
MVA2800DH	402	1563	706	115

MVA_CS
MVA_C
MVA_CB

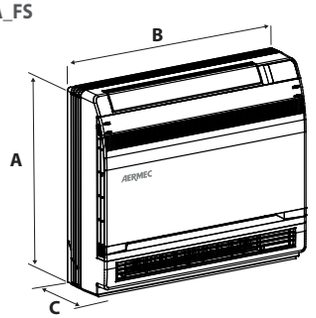


MVA_CS	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVA220CS	240	596	596	20,5
MVA280CS	240	596	596	20,5
MVA360CS	240	596	596	20,5
MVA450CS	240	596	596	20,5
MVA500CS	240	596	596	20,5
MVA560CS	240	596	596	20,5
Grille Dimensions GL40S 670 x 670 x 50 mm - 3.5kg				

MVA_C	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVA280C	190	840	840	25
MVA360C	190	840	840	25
MVA450C	190	840	840	25
MVA500C	190	840	840	25
MVA560C	240	840	840	30
MVA630C	240	840	840	30
MVA710C	240	840	840	30
MVA800C	240	840	840	30
MVA900C	320	840	840	35
MVA1000C	320	840	840	35
MVA1120C	320	840	840	35
MVA1250C	320	840	840	35
MVA1400C	320	840	840	35
Grille Dimensions GL40 950 x 950 x 60 mm - 7kg				

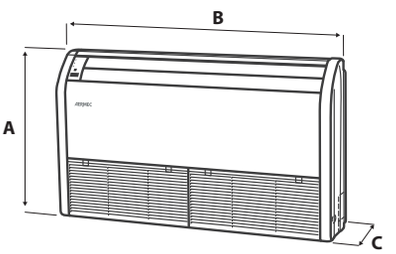
MVA_CB	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVA1600CB	293	910	910	45
Grille Dimensions GL40B 1040 x 1040 x 65 mm - 8kg				

MVA_FS



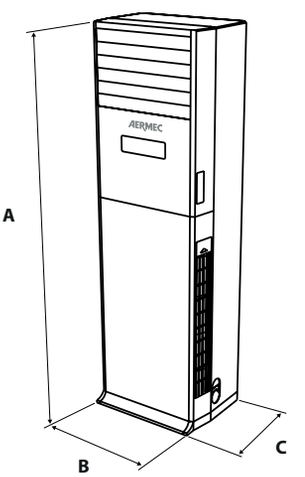
MVA_FS	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVA220FS	600	700	215	16
MVA280FS	600	700	215	16
MVA360FS	600	700	215	16
MVA450FS	600	700	215	16
MVA500FS	600	700	215	16

MVA_F



MVA_F	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVA280F	700	1220	225	40
MVA360F	700	1220	225	40
MVA500F	700	1220	225	40
MVA630F	700	1420	245	50
MVA710F	700	1420	245	50
MVA900F	700	1700	245	50
MVA1120F	700	1700	245	60
MVA1250F	700	1700	245	60
MVA1400F	700	1700	245	60

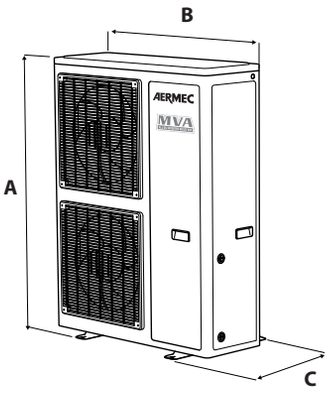
MVA_V



MVA_V	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVA1000V	1870	580	400	54
MVA1400V	1870	580	400	57

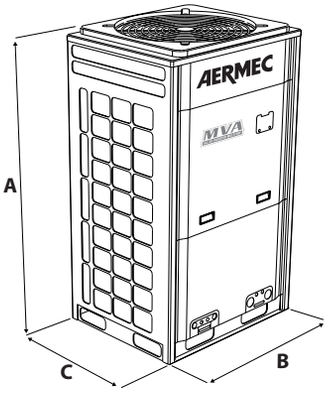
Outdoor Unit Weights and Dimensions

MVAS



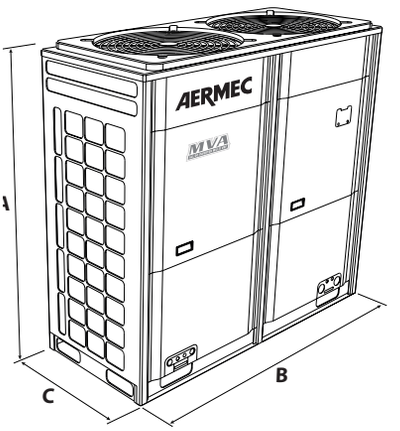
MVAS	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVAS1200S	1345	900	340	110
MVAS1400S	1345	900	340	110
MVAS1600S	1345	900	340	110
MVAS1200T	1345	900	340	120
MVAS1400T	1345	900	340	120
MVAS1600T	1345	900	340	120
MVAS2241T	1430	940	320	133
MVAS2801T	1615	940	460	166
MVAS3350T	1615	940	460	177

MVAM2240T
MVAM2800T



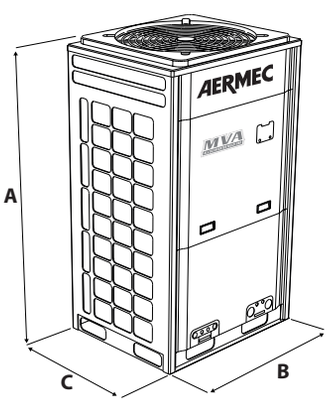
MVAM	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVAM2240T	1605	930	765	225
MVAM2800T	1605	930	765	225

MVAM3350T
MVAM4000T
MVAM4500T



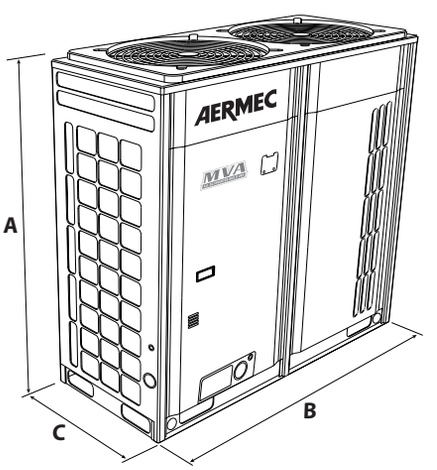
MVAM	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVAM3350T	1605	1340	765	285
MVAM4000T	1605	1340	765	360
MVAM4500T	1605	1340	765	360
MVAM5040T	1740	1340	765	360
MVAM5600T	1740	1340	765	385
MVAM6150T	1740	1340	765	385

MVAMHR2240T
MVAMHR2800T



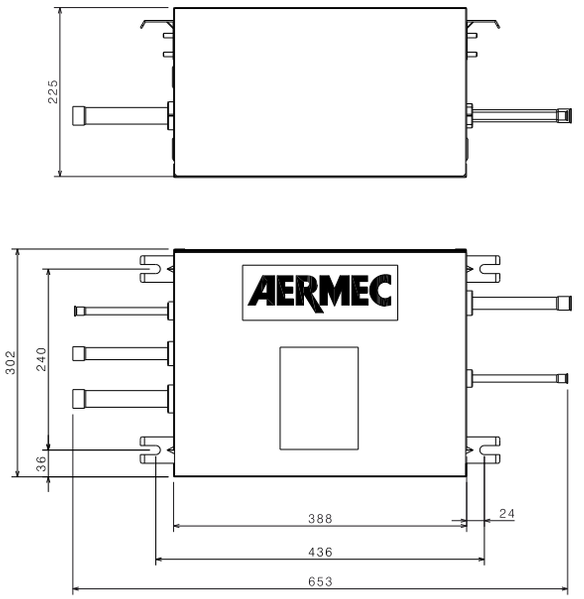
MVAM	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVAMHR2240T	1605	930	765	233
MVAMHR2800T	1605	930	765	233

MVAMHR3350T
MVAMHR4000T
MVAMHR4500T

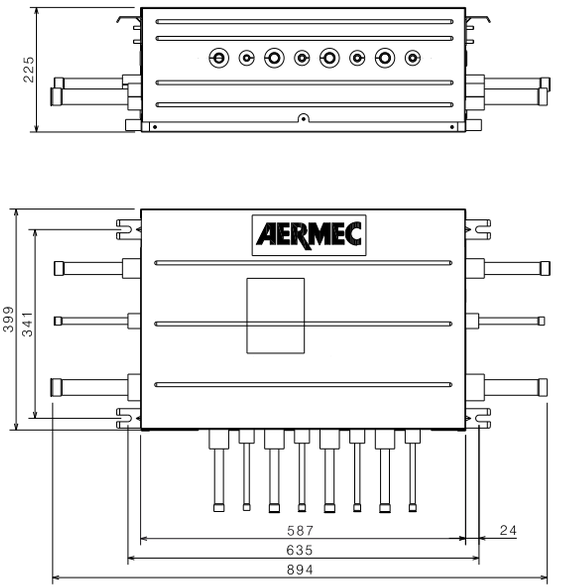


MVAM	A (mm)	B (mm)	C (mm)	Net Weight (kg)
MVAMHR3350T	1605	1340	765	302
MVAMHR4000T	1605	1340	765	346
MVAMHR4500T	1605	1340	765	346

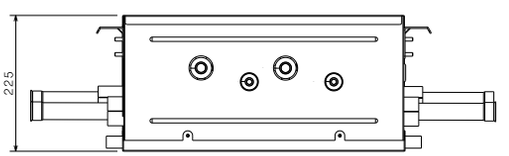
MEB exchange module - Dimensions & Weights:

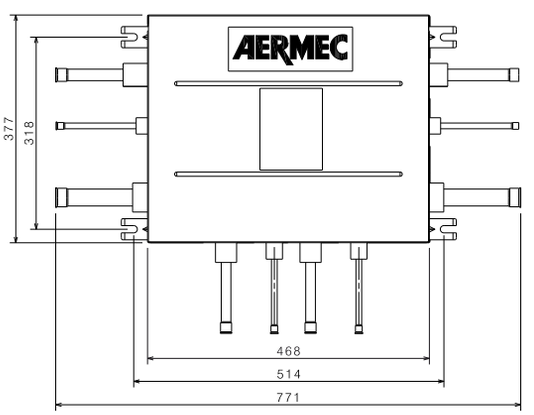


MEB10

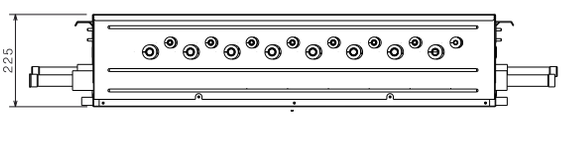


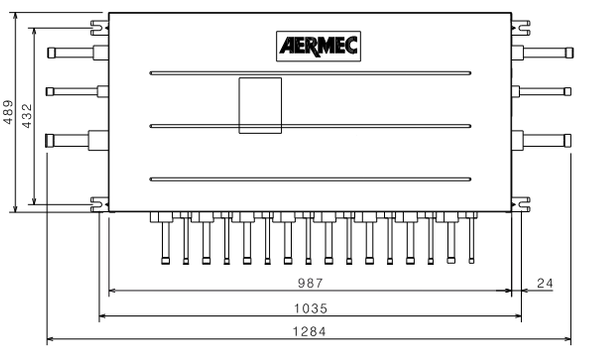
MEB40





MEB20





MEB80

Cod.: SVRFUY.00 / 17.10

Aermec reserves the right to implement any and all modifications it deems necessary for product improvement at any time, as well as any modification to related technical data.

Aermec S.p.A.
Via Roma. 996 - 37040 Bevilacqua (VR) - Italy
Telephone +39 0442633111 - Telefax +39 044293577
www.aermec.com

Numero Verde
800-843085