X3 VRF

INDOOR UNIT RANGE

Code	Model	Type of indoor unit
398800018	ADGH22MH	Ducted high static pressure
398800019	ADGH28MH	
398800020	ADGH36MH	
398800021	ADGH45MH	
398800022	ADGH56MH	
398800023	ADGH71MH	
398800024	ADGH90MH	
398800025	ADGH112MH	
398800026	ADGH140MH	
398800027	ADGH160MH	
398800028	ADGH224MH	
398800029	ADGH280MH	
398800061	SDG18MHWP	Ducted low static pressure
398800062	SDG22MHWP	
398800063	SDG28MHWP	
398800064	SDG36MHWP	
398800065	SDG45MHWP	
398800066	SDG56MHWP	
398800041	ASG22MH	Compact 8-way cassette
398800042	ASG28MH	
398800043	ASG36MH	
398800044	ASG45MH	
398800045	ASG50MH	
398800046	ASG56MH	
ASG140-160GRID	ASG140-160GRID	
398800067	ASG71MH	8-way cassette
398800068	ASG90MH	
398800069	ASG112MH	
398800070	ASG140MH	
398100677	GRID BIG BOXES	

Code	Model	Type of indoor unit
398800047	AWG15MH	High-wall
398800048	AWG22MH	
398800049	AWG28MH	
398800050	AWG36MH	
398800051	AWG45MH	
398800052	AWG50MH	
398800053	AWG56MH	
398800054	AWG71MH	
398800055	FCG28MH	Floor/Ceiling
398800056	FCG36MH	
398800057	FCG50MH	
398800058	FCG71MH	
398800059	FCG112MH	
398800060	FCG140MH	
398800071	AFG22MH	Console
398800072	AFG28MH	
398800073	AFG36MH	
398800074	AFG45MH	
398800075	AFG50MH	
398800076	CFCG22MH	Conceiled console
398800077	CFCG28MH	
398800078	CFCG36MH	
398800079	CFCG45MH	
398800080	CFCG56MH	
398800081	AHUKIT36	Interface kit for air handling unit (AHU KIT)*
398800082	AHUKIT71	
398800083	AHUKIT140	
398800084	AHUKIT280	
398800085	AHUKIT560	

* non usable with X3 VRF HOME

X3 VRF INDOOR UNITS

HIGH-WALL

REMOTE CONTROLLER
(Optional)

WIRED CONTROLLER
(Optional)

HOTEL WIRED CONTROLLER
(Optional)

WIRED CONTROLLER WT
(Optional)

DC Inverter motor

With good speed adjustment performances, the motor's efficiency has improved by 30% compared to a normal motor.

Comfortable and balanced air flow, air jet distributed upwards and downwards

Upward air jet: in cooling mode the fresh air is delivered horizontally and then the jet drops gradually. Downward air jet: in heating mode the hot air is delivered downwards and then rises gradually.

Triple protection for improved air purification

Anti-mould filter, electrostatic fibres and antibiotic fibres for removing dust, odours, bacteria and moulds.

Special design for preventing cold air

In heating mode during winter, the cold air prevention function is enabled thanks to which air is delivered only once it is sufficiently hot.

Multiple protections

Anti-freeze protection, fan motor overload protection, protection in case of temperature sensor malfunctions.

Operation with multiple wired controllers

An indoor unit can be connected to various wired controllers so that it can be managed from various spots; at the same time, various indoor units can be connected to a wired controller for centrally controlling up to maximum 16 indoor units.

FAST Rapid cooling and heating | Quiet mode | Sleep mode | iFeel | Cold air control | Smart defrosting | AUTO Automatic mode | AUTO Automatic swinging | Fixed swinging | Fan speed adjustment | AUTO Automatic fan speed | Turbo Turbo fan speed | Dehumidification mode

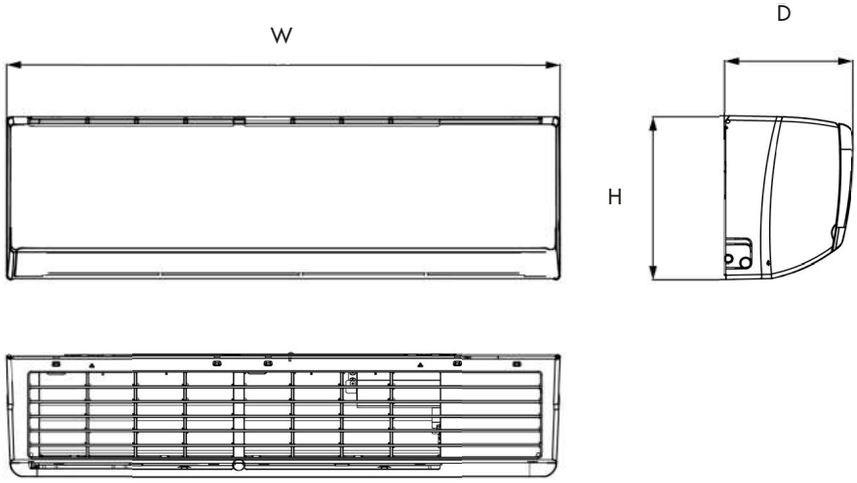
I-Demand energy saving | Wifi Wi-Fi and app (optional) | Optional centralised controller | Optional modbus | Optional access control | Double wired controller | 8 °C 8 °C heating | Memory | Self-diagnosis | Integrated water pump | On/off timer | Ambient temperature control

TECHNICAL DATA

MODEL		Unit	AWG45MH	AWG50MH	AWG56MH	AWG71MH
Capacity	Cooling	kW	4.50	5.00	5.60	7.10
	Heating	kW	5.00	5.80	6.30	7.50
Power supply		V/Ph/Hz	220-240 / 208-230 – /1/50-60	220-240 / 208-230 – /1/50-60	220-240 / 208-230 – /1/50-60	220-240 / 208-230 – /1/50-60
Power input		W	35	35	50	65
Air flow rate (l/m/h)		m^3/h	500/580/850	500/580/850	650/850/1100	650/850/1200
Sound pressure level (l/m/h)*		dB(A)	37/40/43	37/40/43	37/41/43	37/41/44
Fan type			Tangential	Tangential	Tangential	Tangential
Fan motor type			Inverter	Inverter	Inverter	Inverter
Refrigerant type			R410A	R410A	R410A	R410A
GWP of refrigerant		kg/T.CO_2 eq.	2088		2088	2088
Piping diameter	Gas pipe	mm (inches)	12.70 (1/2")	12.70 (1/2")	15.88 (5/8")	15.88 (5/8")
	Liquid pipe	mm (inches)	6.35 (1/4")	6.35 (1/4")	9.52 (3/8")	9.52 (3/8")
	Type of connection		Collar	Collar	Collar	Collar
Condensate drainage pipe	Outdoor diameter	mm	20	20	30	30
Net dimensions	Width	mm	970	970	1078	1078
	Depth	mm	224	224	246	246
	Height	mm	300	300	325	325
Dimensions with packaging	Width	mm	1093	1093	1200	1200
	Depth	mm	305	305	335	335
	Height	mm	380	380	410	410
Net weight		kg	12.5	12.5	16	16
Gross weight		kg	15.5	15.5	19	19

The technical data provided refers to the European EN14511 standard.
* The sound pressure level was measured in an anechoic chamber at the following conditions: 1 m from the surface of the unit's service cover and 1.5 m from the floor level.

DIMENSIONAL DRAWINGS



MODEL	W	H	D
AWG15MH AWG22MH AWG28MH AWG36MH	845	289	209
AWG45MH AWG50MH	970	300	224
AWG56MH AWG71MH	1008	319	221