

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	SDG18MHP	Ducted low static pressure 
398800062	SDG22MHP	
398800063	SDG28MHP	
398800064	SDG36MHP	
398800065	SDG45MHP	
398800066	SDG56MHP	
398800041	ASG22MH	Compact 8-way cassette 
398800042	ASG28MH	
398800043	ASG36MH	
398800044	ASG45MH	
398800045	ASG50MH	
398800046	ASG56MH	
ASG140-160GRID	ASG140-160GRID	8-way cassette 
398800067	ASG71MH	
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	Floor/Ceiling 
398800055	FCG28MH	
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

DUCTED UNITS WITH HIGH STATIC PRESSURE



**WIRED
CONTROLLER**
(Standard)



**REMOTE
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.

High external static pressure

The static pressure may reach 1.50 Pa, particularly suitable for places that require a broad air flow.

Easy maintenance

The system has an access port for simplifying maintenance operations.

Smart drainage device

Thanks to a height difference of the drainage pipe of up to 0.8 m,

the condensation water can be easily drained without taking up too much space.

Versatile installation

It is possible to choose between a round or rectangular cross-section profile for the channel depending on the specific needs, or between different air intake methods.

Protections

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

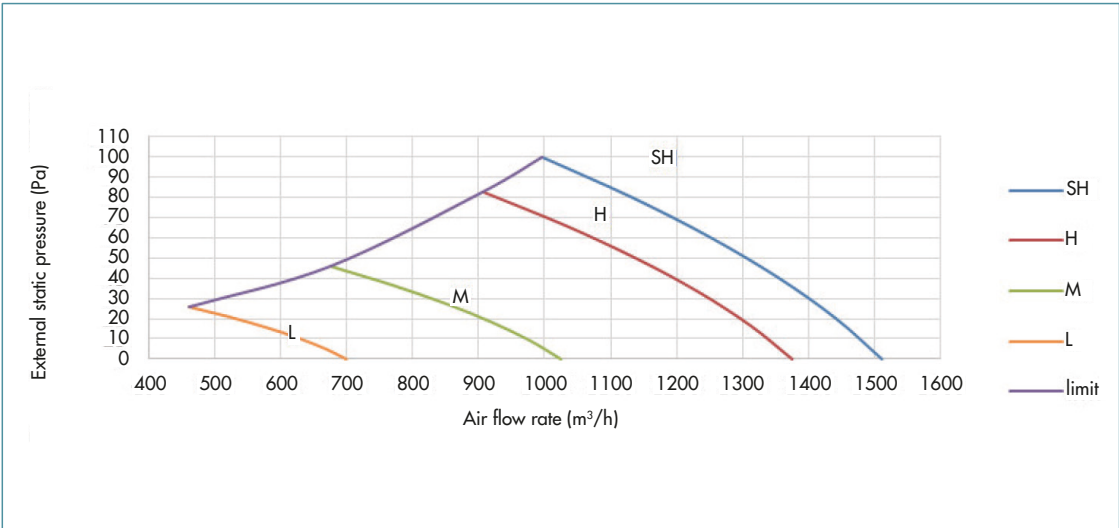
 FAST Rapid cooling and heating	 Quiet mode	 Sleep mode	 iFeel	 Cold air control	 Smart defrosting	 Automatic mode	 Fan speed adjustment	 Automatic fan speed	 Turbo fan speed	 Dehumidification mode	 I-Demand energy saving	 Optional centralised controller
Optional modbus	 Optional access control	 Double wired controller	 8 °C heating	 Memory	 Self-diagnosis	 Integrated water pump except for PH models	 On/off timer	 Ambient temperature control	 Static pressure			

MODEL		Unit	ADGH140MH	ADGH160MH	ADGH224MH	ADGH280MH
Capacity	Cooling	kW	14.00	16.00	22.40	28.00
	Heating	kW	16.00	17.00	25.00	31.00
Power supply		V/Ph/Hz	220-240 - /1/50 208-230 - /1/60	220-240 - /1/50 208-230 - /1/60	220-240 - /1/50 208-230 - /1/60	220-240 - /1/50 208-230 - /1/60
Power input		W	220	230	800	900
Air flow rate (l/m/h)		m ³ /h	1400/1700/2000	1700/2000/2650	4,000	4,400
External static pressure (Factory / adjustment range)		Pa	70/0-100	70/0-150	100/50-200	100/50-200
Sound pressure level (l/m/h)*		dB(A)	44/46/48	46/48/50	54	55
Fan type		Type	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Fan motor type		Type	Inverter	Inverter	Inverter	Inverter
Refrigerant type			R410A	R410A	R410A	R410A
GWP of refrigerant		kg/T.CO ₂ eq.	2088	2088	2088	2088
Piping diameter	Gas pipe	mm (inches)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Liquid pipe	mm (inches)	15.88 (5/8")	15.88 (5/8")	19.05 (3/4")	22.2 (7/8")
	Type of connection		Collar	Collar	Collar	Collar
Condensate drainage pipe	Outdoor diameter	mm	25	25	2.5	2.5
Net dimensions	Width	mm	1229	1340	1483	1483
	Depth	mm	775	750	791	791
	Height	mm	290	305	385	385
Dimensions with packaging	Width	mm	1338	1338		
	Depth	mm	877	877		
	Height	mm	305	305		
Net weight		kg	47.0	47.0	82.0	105.0
Gross weight		kg	54.0	60.0		

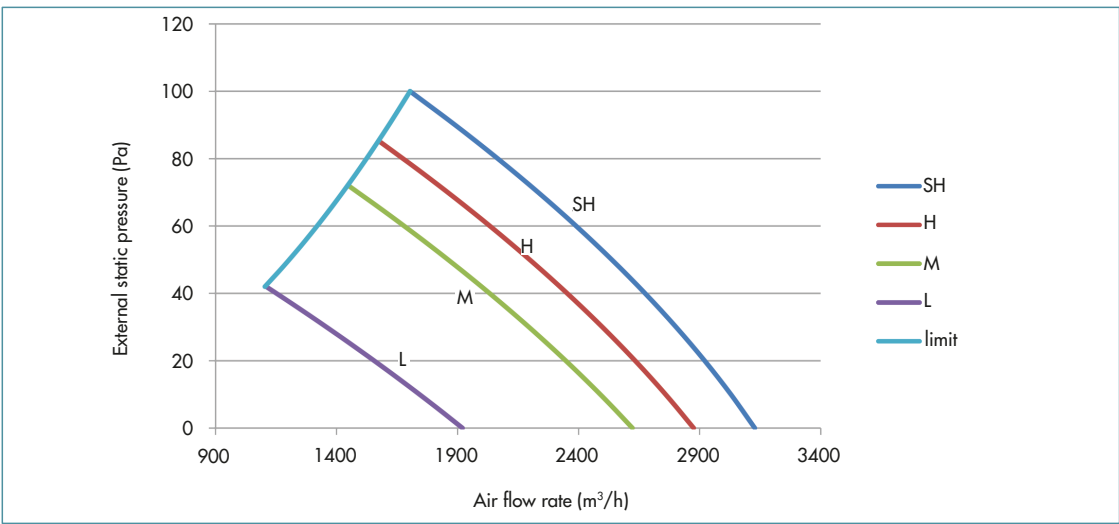
The technical data provided refers to the European EN14511 standard.

* Sound pressure level measured in an anechoic chamber at the following conditions: 1.4 m from the lower part of the machine.

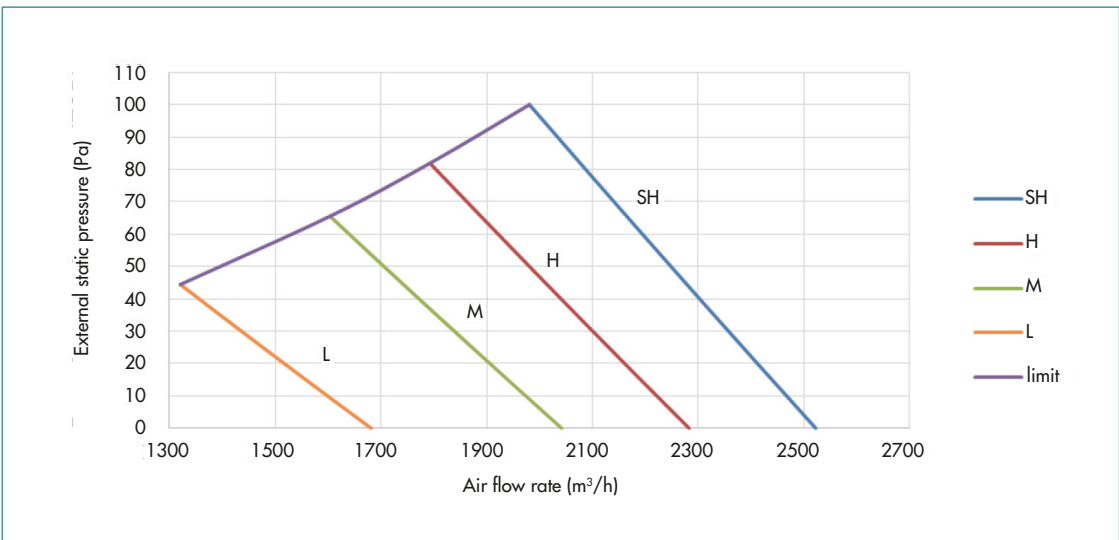
ADGH56MH - ADGH71MH



ADGH90MH - ADGH112MH

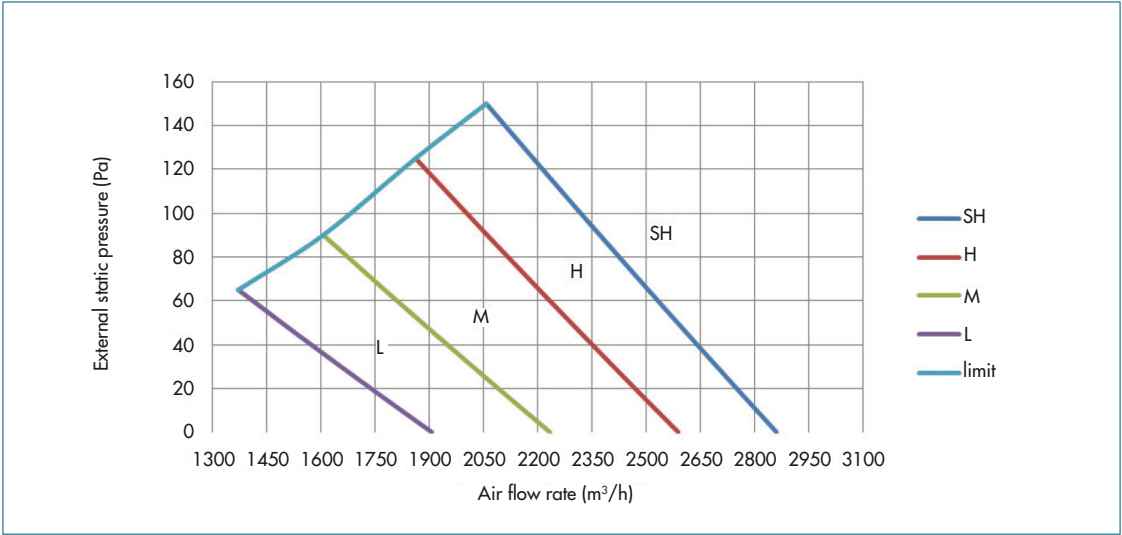


ADGH140MH

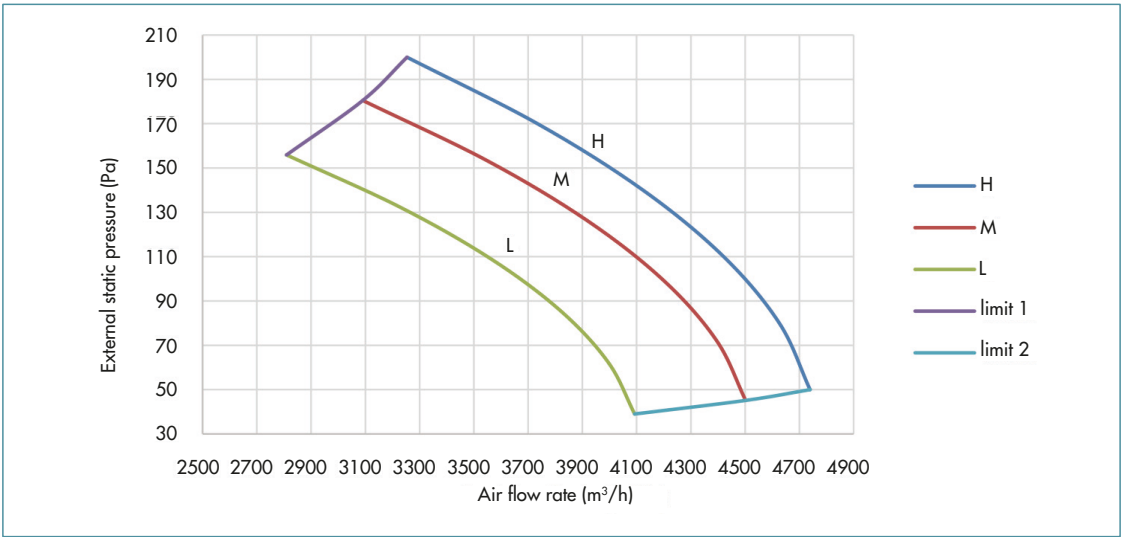


EXTERNAL STATIC PRESSURE/AIR FLOW RATE CURVES

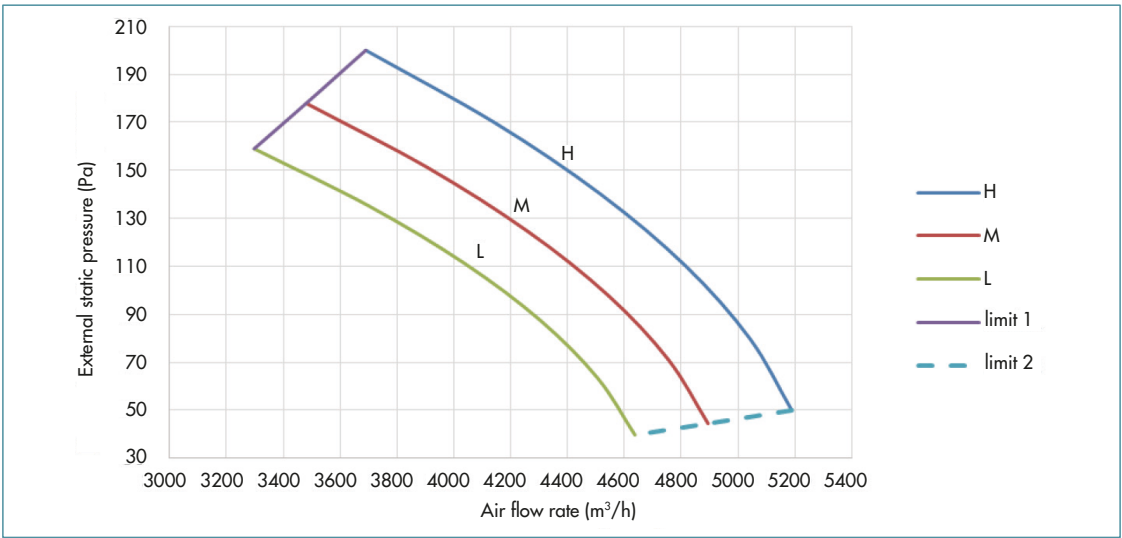
ADGH160MH



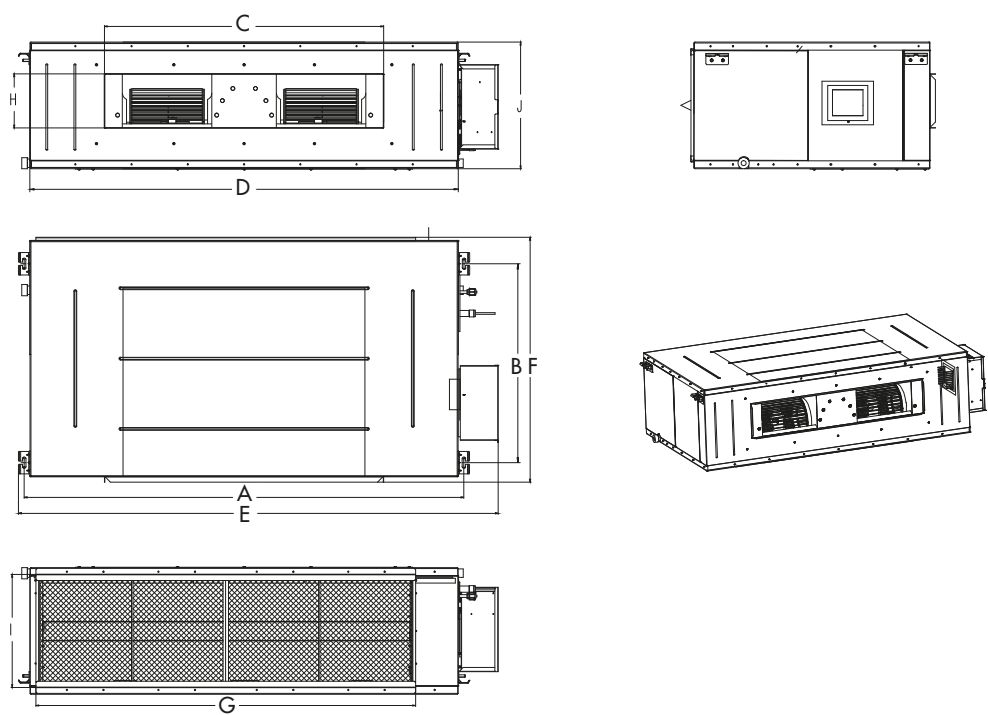
ADGH2024MH



ADGH280MH



DIMENSIONAL DRAWINGS



MODEL	A	B	C	D	E	F	G	H	I	J
ADGH56MH	1101	517	820	1159	1271	558	1002	160	235	268
ADGH71MH	1101	517	820	1159	1271	558	1002	160	235	268
ADGH90MH	1011	748	820	1115	1229	775	979	160	231	290
ADGH112MH	1011	748	820	1115	1229	775	979	160	231	290
ADGH140MH	1011	748	820	1115	1229	775	979	160	231	290
ADGH160MH	1177	646	852	1150	1340	750	953	190	316	350

MODEL	A	B	C	D	E	F	G	H	I	J
ADGH224MH	1353	632	992	1315	1483	791	1150	192	327	385
ADGH280MH	1563	706	992	1524	1686	870	1350	192	402	450