X3 VRF INDOOR UNITS

DUCTED UNITS WITH LOW EXTERNAL 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.

Low external static pressure, adjustable to between 0 and 30 Pa

This unit is especially suited to rooms with a compact structure or to small installation spaces. It guarantees and comfortable and silent environment.

Easy maintenance

Maintenance is made easier also thanks to the plastic tab filter, the detachable fan motor, the independent condensate drainage pump assembly and the electrical panel assembly.

Smart drainage device

Thanks to a height difference of the drainage pipe of up to 1.2 m, the condensation water can be easily drained without taking up too much space.

Protections

Protection against condensate overflow, 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 | AUTO Automatic mode | 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 | Static pressure

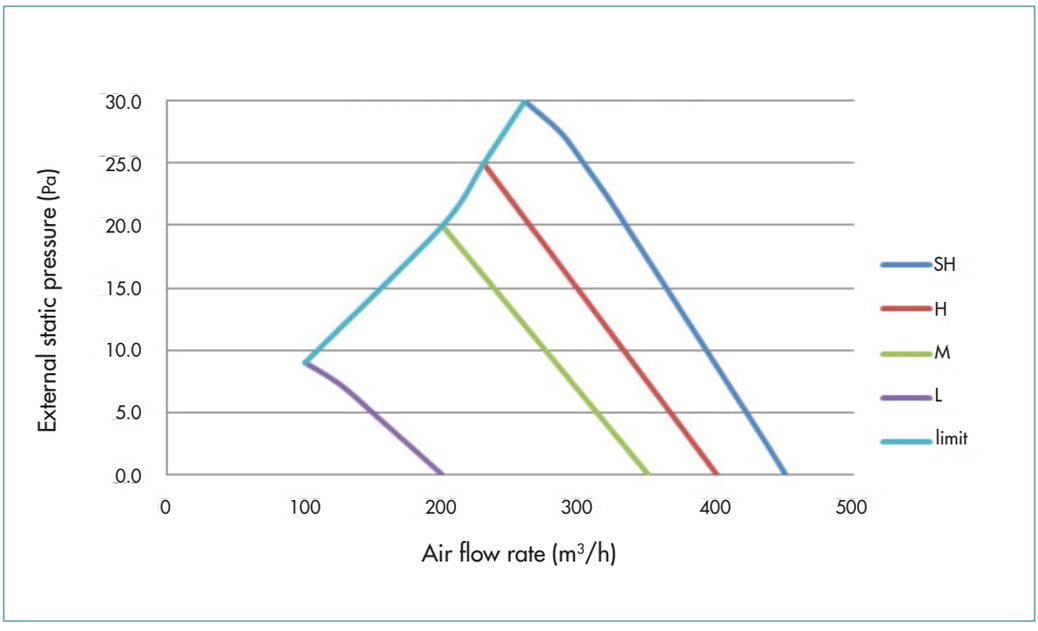
TECHNICAL DATA

MODEL		Unit	SDG18MHWP	SDG22MHWP	SDG28MHWP
Capacity	Cooling	kW	1.80	2.20	2.80
	Heating	kW	2.20	2.50	3.60
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
Power input		W	28	28	28
Air flow rate (l/m/h)		m^3/h	200/350/450	200/350/450	200/350/450
External static pressure (factory / adjustment range)		Pa	15/0–30	15/0–30	15/0–30
Sound pressure level (l/m/h)*		dB(A)	22/25/30	22/25/30	22/25/30
Fan type			Centrifugal	Centrifugal	Centrifugal
Fan motor type			Inverter	Inverter	Inverter
Refrigerant type			R410A	R410A	R410A
GWP of refrigerant		kg/t. CO_2 eq.	2088	2088	2088
Piping diameter	Gas pipe	mm (inches)	9.52 (3/8")	9.52 (3/8")	9.52 (3/8")
	Liquid pipe	mm (inches)	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")
	Type of connection		Collar	Collar	Collar
Condensate drainage pipe	Outdoor diameter	mm	25	25	25
Net dimensions	Width	mm	710	710	710
	Depth	mm	462	462	462
	Height	mm	200	200	200
Dimensions with packaging	Width	mm	1008	1008	1008
	Depth	mm	568	568	568
	Height	mm	275	275	275
Net weight		kg	18.5	18.5	18.5
Gross weight		kg	23.5	23.5	23.5

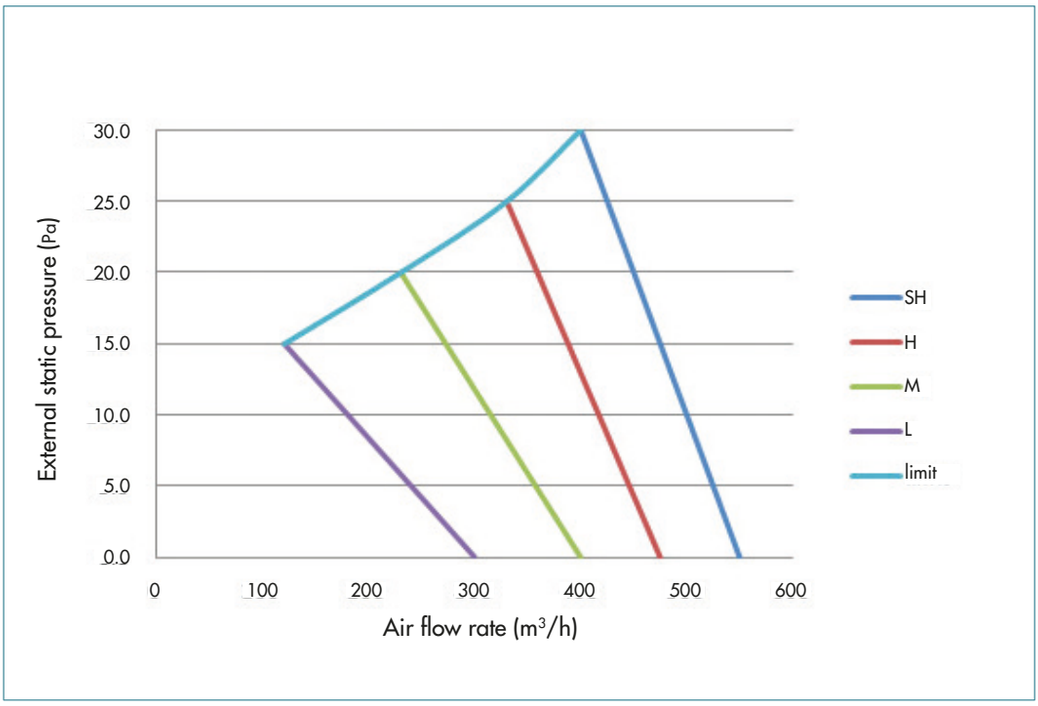
The technical data provided refers to the European EN14511 standard.
* The sound pressure level was measured in an anechoic chamber at the following conditions: 1 m from the surface of the unit's service cover and 1.5 m from the floor level.

EXTERNAL STATIC PRESSURE/AIR FLOW RATE CURVES

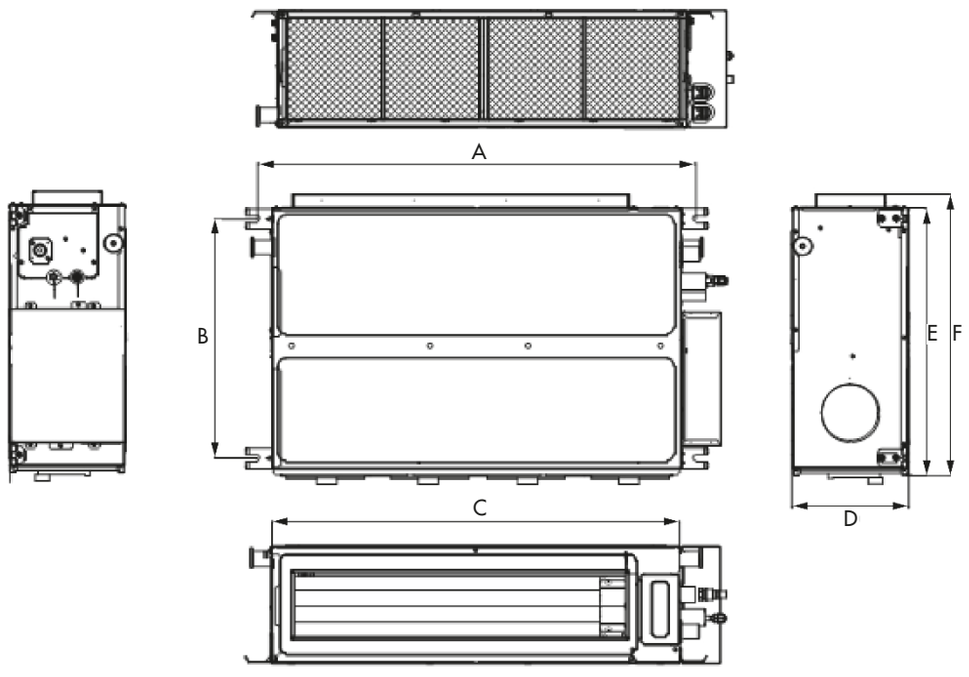
SDG18MHWP - SDG22MHWP - SDG28MHWP



SDG36MHWP



DIMENSIONAL DRAWINGS



MODEL	A	B	C	D	E	F
SDG18MHWP	760	415	710	200	462	486
SDG22MHWP						
SDG28MHWP						
SDG36MHWP						
SDG45MHWP	1060	415	1010	200	462	486
SDG56MHWP						