

TECHNICAL DATASHEET



FVW/VH 43

FAN COIL UNITS WITH CABINET AND 3-SPEED RADIAL FANS



floyd®



The picture and the descriptions are only a sample of the selected unit. The real unit configuration can change depending on versions and or accessories selected.

TECHNICAL FEATURES

General description.

Fan coil units with radial fan for floor installation. Vertical unit with front inlet and vertical delivery.

Frame.

Made from heavy galvanized sheet and protected by a prepainted sheet covering cabinet and ABS details, easily removed for possible maintenance and repair operations, complete with heat/sound insulation, regenerating filter, heat-resistant ABS polymer grills adjustable in 4 different directions and natural discharge condensation tray.

Fan.

Radial type directly coupled to a 6-speed single-phase electric motor, with 3 speeds connected in the standard configuration.

Heat exchange coil.

Made up of finned coil with copper pipes and aluminium fins with air vent on the headers.

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TECHNICAL DATA

Series		FVW
Version		VH
Model		FVW/VH 43
Static Pressure	Pa	0
Rows		3
Water connection		1/2 "G
Drain diameter		22 mm

Cooling conditions

Air side

Air flow	m ³ /h	540.0
Speed		5

Inlet

Dry bulb air temperature	°C	27.0
Wet bulb air temperature	°C	19.0
Relative humidity	%	47

Outlet

Dry bulb air temperature	°C	15.0
Wet bulb air temperature	°C	13.0
Relative humidity	%	81

Water side

Fluid		Water
Inlet fluid temperature	°C	7.0
Outlet fluid temperature	°C	12.0
Fluid flow	l/h	533.6
Pressure drop	kPa	14.0

Cooling performances

Total cooling capacity	kW	3.11
Sensible cooling capacity	kW	2.42
Dehumidification	kg/h	1.21

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Heating conditions

Air side

Air flow	m ³ /h	540.0
Speed		5

Inlet

Dry bulb air temperature	°C	20.0
Wet bulb air temperature	°C	19.0
Relative humidity	%	60

Outlet

Dry bulb air temperature	°C	56.5
Wet bulb air temperature	°C	25.6
Relative humidity	%	8

Water side

Fluid		Water
Inlet fluid temperature	°C	70.0
Outlet fluid temperature	°C	60.0
Fluid flow	l/h	574.0
Pressure drop	kPa	11.0

Heating performances

Heating capacity	kW	7.03
Rows		3

Sound data

Sound power levels	dB(A)	55.0
Sound pressure levels	dB(A)	44.0

Dimensions

Length	mm	1170
Height	mm	500
Depth	mm	210

Weight

Transport weight	kg	28
Operating weight	kg	26

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**FVW/VH 43****Electrical data**

Power supply	V/Hz/Ph	230/1/50
Absorbed power	W	70.00
Absorbed current	A	0.32

Fan

Speed		5
Static Pressure	Pa	0
Air flow	m3/h	540.0

Notes

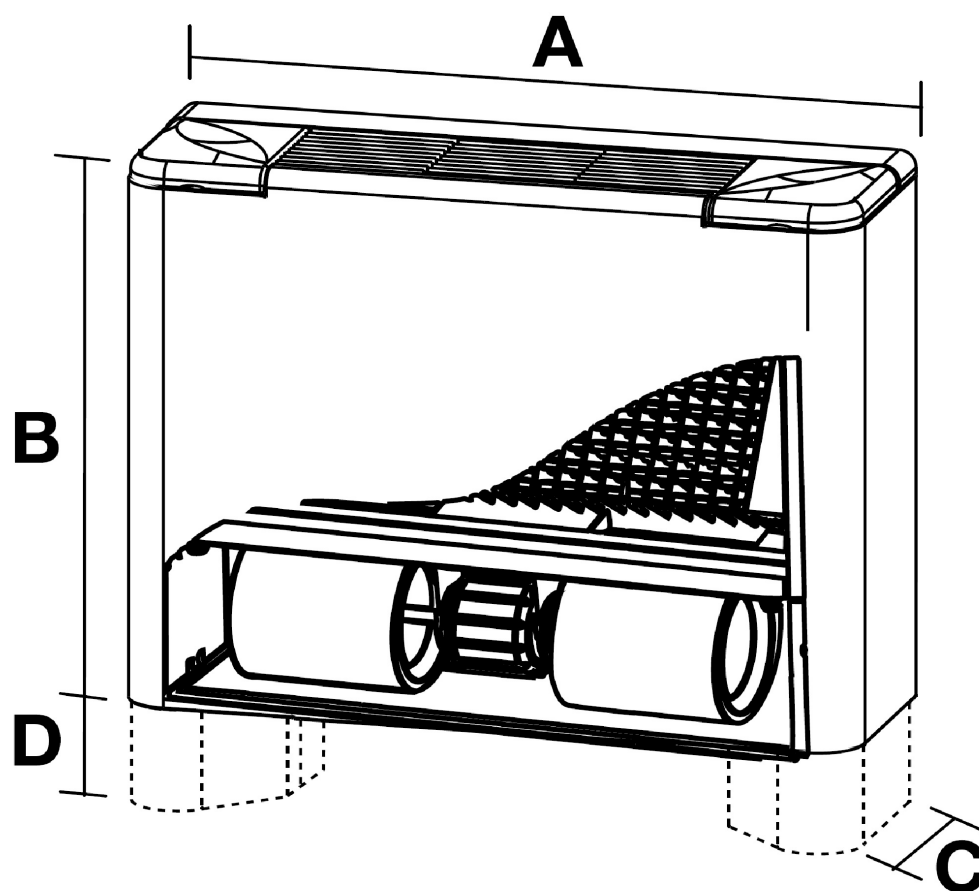
(1) Sound pressure measured at a distance of 1 meter and with reverberation time of 0,5 s.

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DIMENSIONAL DRAWING



Dimensions

A	mm	1170
B	mm	500
C	mm	210