

MESSRS.:
 TO THE KIND ATT. OF:
 OFFER NR.:
 DATE: **2019-03-15**

DISTRIBUTOR/AGENCY:
 PROJECT:
 POSTED BY:
 Pag. 01 / 04

WIND 50

GENERAL SPECIFICATION



SERIES	WIND
TIPOLOGY	CENTRIFUGAL FAN COIL
VERSION	x3 horizontal concealed
MOTOR	230V / 1ph / 50hz
HYDRAULIC CONNECTIONS	LHS - LEFT

3 VERSION: Centrifugal fan coil unit Horizontal concealed Horizontal air supply

STRUCTURE

Galvanized steel sheet insulated in all parts in indirect contact with the conditioned air. Insulated condensate tray made of galvanised steel sheet, complete with drain plug for complete drainage. Sides with knock-outs for fast fixing of accessories. Wall -anchoring slots for easy fixing and levelling of the unit.

FAN GROUP

Double-inlet centrifugal fans with statically and dynamically balanced horizontally-oriented aluminium impellers. Single-phase asynchronous electric motor with overload cutout. 5 or 6 speeds of rotation (3 connected). The motor is directly coupled to the fans and cushioned with flexible mountings to ensure low noise.

AIR FILTER

Filtering honeycomb polypropylene fabric enclosed within a metal frame to facilitate withdrawal and cleaning. Filtering rate of the standard model: EU1. Available with different filtering rate on request.

COIL

Coils are made of copper pipe expanded into aluminium fins in continuous block. Brass headers with female fittings (GAS threads) and easily accessible air vents. In the standard version, the water connections are located on the left (when viewing the outlet).

They may be supplied on the right on request.

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TECHNICAL DATA

General Cooling Data - Inlet Air Temperature: 27°C;19°C;47% - Inlet Water Temperature: 7°C - Circuit type:4 Pipes

Outlet Water Temperature	MAX	°C	12,4
	MED	°C	12,0
	MIN	°C	11,2
Total cooling capacity	MAX	kW	2,67
	MED	kW	2,48
	MIN	kW	2,08
Sensible cooling capacity	MAX	kW	2,17
	MED	kW	1,96
	MIN	kW	1,59
Water flow		l/h	425,0
Water pressure drop		kPa	9,2

General Heating Data Inlet Air Temperature: 20°C Inlet Water Temperature: 45°C

Outlet Water Temperature	MAX	°C	39,5
	MED	°C	40,0
	MIN	°C	41,0
Heating capacity	MAX	kW	1,70
	MED	kW	1,55
	MIN	kW	1,25
Water flow		l/h	269,6
Water pressure drop		kPa	25,0

General data Fluid: WATER Altitude: 0m

Air flow	MAX	m3/h	545,1
	MED	m3/h	469,4
	MIN	m3/h	343,1
Static air pressure	MAX	Pa	0
	MED	Pa	0
	MIN	Pa	0
Sound power	MAX	dB(A)	46
	MED	dB(A)	42
	MIN	dB(A)	35
Sound pressure (1)	MAX	dB(A)	37,4
	MED	dB(A)	33,4
	MIN	dB(A)	26,4
Room volume		m3	90
Directional		Q	4
Noise distance		m	2,0
Acoustic absorption		alfamed	0,352

(1) Note: the sound pressure level refers to a room of dimensions 5x6x3m

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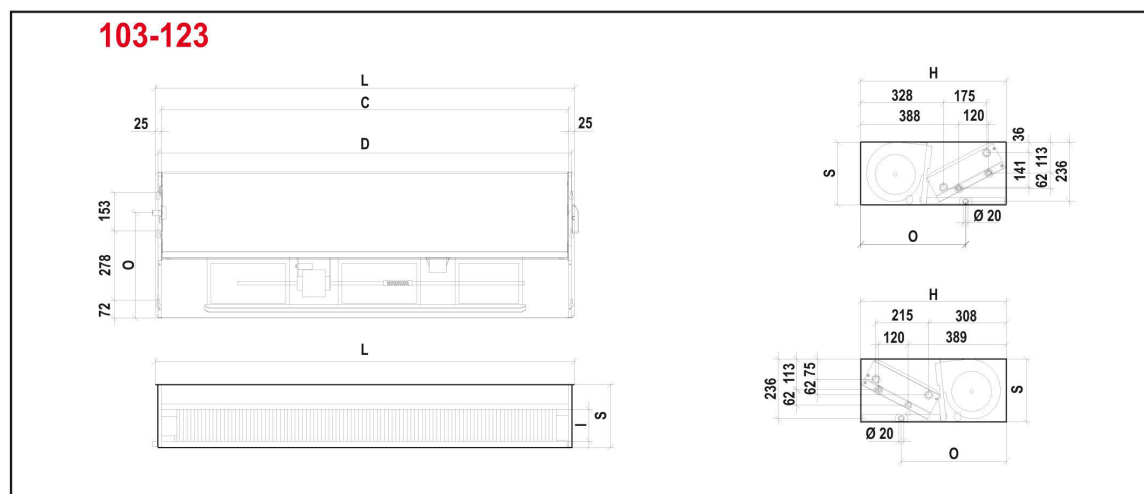
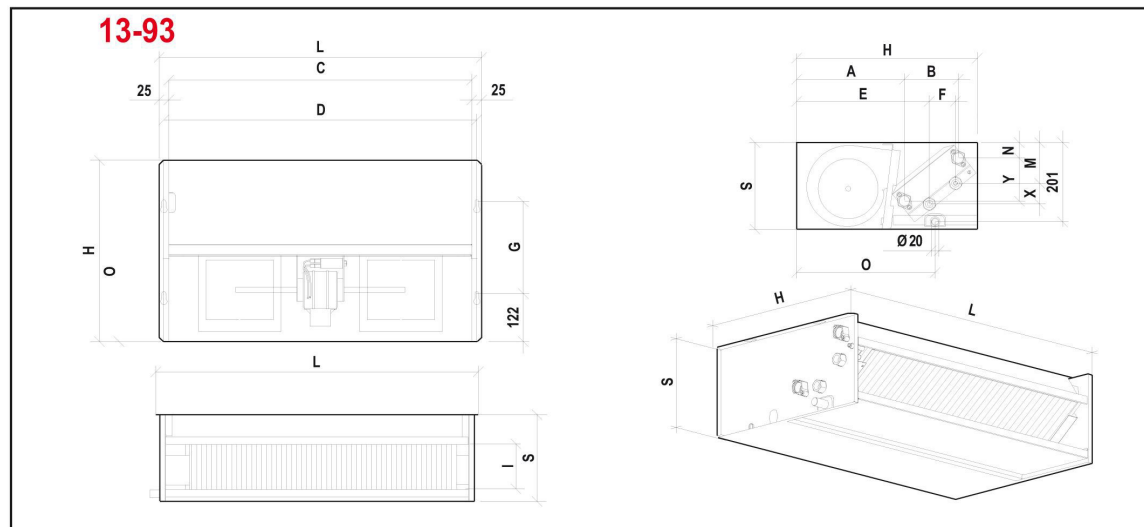
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WIND 50

TECHNICAL DATA

Electric data

Max power and Current	W - A	94 - 0,41
MIN MED MAX	MIN MED MAX	1 3 4
Computing speed	Computing speed	3



SERIES

WIND

MODELLO	13	23	33	43	53	63	73	83	93	103	113	123
H	460	460	460	460	460	460	565	565	565	585	585	585
L	420	620	820	820	1020	1020	1020	1220	1220	1385	1685	1685
S	220	220	220	220	220	220	220	220	220	252	252	252
C	370	570	770	770	970	970	970	1170	1170	1335	1635	1635
D	395	595	795	795	995	995	995	1195	1195	1362	1662	1662
G	233	233	233	233	233	233	253	253	253	/	/	/
N	39	39	39	39	39	39	41	41	41	/	/	/
Y	109	109	109	109	109	109	107	107	107	/	/	/
A	274	274	274	274	274	274	268	268	268	/	/	/
B	137	137	137	137	137	137	253	253	253	/	/	/
M	103	103	103	103	103	103	101	101	101	/	/	/
X	53	53	53	53	53	53	52	52	52	/	/	/
E	337	337	337	337	337	337	374	374	374	/	/	/
F	67	67	67	67	67	67	124	124	124	/	/	/
I	115	115	115	115	115	115	99	99	99	129	129	129
O	352	352	352	352	352	352	402	402	402	422	422	422