






**THIN PROFILE
CENTRIFUGAL
FAN COIL UNITS**

SLIM




0,7 kW
5,2 kW


1,6 kW
10,2 kW


130 m³/h
830 m³/h



SLIM

SLIMxx0

Installation:
vertical with cabinet
Air intake:
bottom
Air supply:
vertical

Available also with feet



SLIMxx8

Installation:
vertical with cabinet
Air intake:
inferiore
Air supply:
vertical

Unit with air intake socle



SLIMxx5

Installation:
vertical with cabinet
Air intake:
frontale
Air supply:
vertical



SLIMxx4

Installation:
horizontal with cabinet
Air intake:
frontale
Air supply:
horizontal



SLIMxx9

Installation:
horizontal with cabinet
Air intake:
posteriore
Air supply:
horizontal





157 mm

All the unit are with terminal board without control panel

SLIMxx1

Installation:
horizontal with cabinet
Air intake:
frontale
Air supply:
horizontal

Unit with air intake socle

SLIMxx7

Installation:
vertical concealed

Air supply:
frontal

SLIMxx2

Installation:
vertical concealed

Air supply:
frontal

SLIMxx3

Installation:
horizontal concealed

Air supply:
horizontal



DECORATIVE CABINET

Compact, slim fan-coil units.

Modern design that blends in with any environment.

Made in hot-dip galvanized steel sheet pre-coated with PVC to ensure high resistance to rust, corrosion, chemical agents, aliphatic solvents and alcohols.

Air grilles made of ABS.

Standard colour: white (RAL 9016).

Other RAL colours are available on request.

STRUCTURE

Galvanized steel sheet insulated in all parts in direct contact with the conditioned air. Insulated condensate tray made of galvanized 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.

BLOWER SECTION

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

HEAT EXCHANGER

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.

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.

WALL CONTROL

The units are provided with a terminal strip for connection to the remote control.

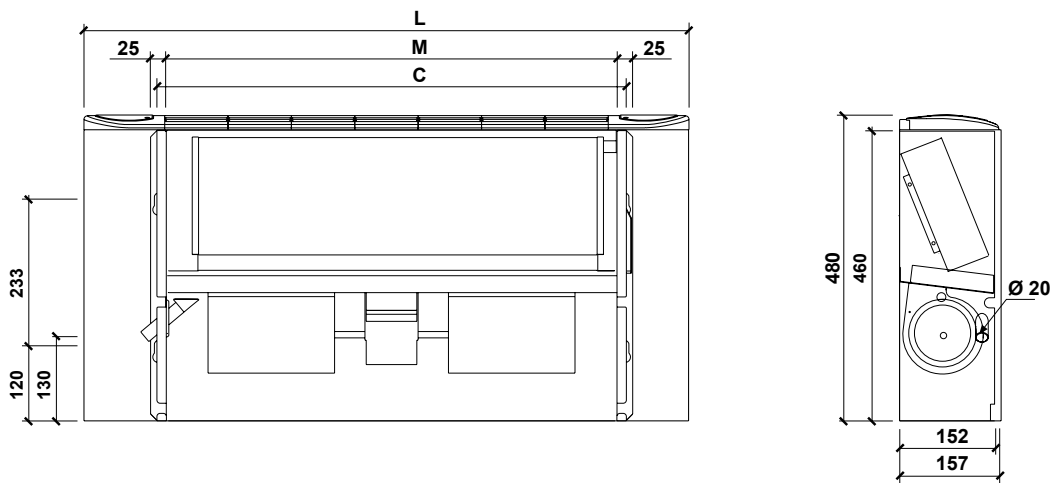
A wide range of wall-mounted controls is available.

The control panel can be installed, on request, on vertical unit.






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Fans	n°		2	2	2
2 rows coil	Fittings	Ø	1/2"	1/2"	1/2"
Net weight (2 rows)	kg		16	19	21,5
3 rows coil	Fittings	Ø	1/2"	1/2"	1/2"
Net weight (3 rows)	kg		17	20	23
External dimensions	L	mm	960	1160	1360
	M	mm	742	942	1142
	C	mm	712	912	1112

GENERAL DIMENSIONS



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2 pipe system (3 rows coil)

	Total cooling capacity	W	max	1890	2270	2660
		W	med	1510	2020	2190
		W	min	1160	1470	1730
	Sensible cooling capacity	W	max	1460	1750	2020
		W	med	1140	1540	1640
		W	min	866	1100	1290
Water flow	l/h	max	326	391	458	
Water pressure drop	kPa	max	13,3	7,24	11,3	
	Heating capacity	W	max	2410	2930	3350
		W	med	1900	2570	2720
		W	min	1430	1820	2120
	Water flow	l/h	max	326	391	458
Water pressure drop	kPa	max	14	7,6	12	
	Heating capacity	W	max	4100	4940	5680
		W	med	3220	4360	4590
		W	min	2410	3080	3560
	Water flow	l/h	max	365	440	504
Water pressure drop	kPa	max	16	9	13	
Air flow	m³/h	max	343	407	453	
	m³/h	med	254	347	353	
	m³/h	min	182	232	265	
Sound power level	db(A)	max	51,6	51,8	54,3	
	db(A)	med	43,1	45,5	48,8	
	db(A)	min	35,5	37,8	40,6	
Power input	W	max	40	38	64	
Absorbed current	A	max	0,18	0,17	0,32	

- **Standard unit with free outlet:** external static pressure = 0 Pa
- **Sound power level:** ISO 23741
- **Sound pressure level:** 8,6 dB(A) lower that the sound power level for a room of 90 m³ with a reverberation time of 0,5 sec.
- **Supported power supply:** ~230V±10% / 1ph / 50-60Hz



COOLING
 Inlet water temp.: 7°C
 Outlet water temp.: 12°C
 Inlet air temp.: 27°C d.b. - 19°C w.b.




HEATING
 Air temp.: 20°C
 Inlet water temp.: 50°C



HEATING
 Air temp.: 20°C
 Inlet water temp.: 70/60°C

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2 pipe system (2 rows coil)




Total cooling capacity	W	max	1450	1850	2240
	W	med	1200	1600	1920
	W	min	959	1270	1500
Sensible cooling capacity	W	max	1180	1460	1740
	W	med	956	1250	1470
	W	min	751	972	1130
Water flow	l/h	max	249	319	386
Water pressure drop	kPa	max	5,45	10,3	17,1
Air flow	m ³ /h	max	343	407	453
	m ³ /h	med	254	347	353
	m ³ /h	min	182	232	265
Sound power level	db(A)	max	51,6	51,8	54,3
	db(A)	med	43,1	45,5	48,8
	db(A)	min	35,5	37,8	40,6
Power input	W	max	40	38	64
Absorbed current	A	max	0,18	0,17	0,32

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4 pipe system (1 row coil)



Heating capacity	W	max	2470	2620	3530
	W	med	1990	2350	2940
	W	min	1560	1780	2370
Water flow	l/h	max	217	230	310
Water pressure drop	kPa	max	14	19	38
Air flow	m ³ /h	max	343	407	453
	m ³ /h	med	254	347	353
	m ³ /h	min	182	232	265
Sound power level	db(A)	max	51,6	51,8	54,3
	db(A)	med	43,1	45,5	48,8
	db(A)	min	35,5	37,8	40,6

- **Standard unit with free outlet:** external static pressure = 0 Pa
- **Sound power level:** ISO 23741
- **Sound pressure level:** 8,6 dB(A) lower that the sound power level for a room of 90 m³ with a reverberation time of 0,5 sec.
- **Supported power supply:** ~230V±10% / 1ph / 50-60Hz



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HEATING
Air temp.: 20°C
Inlet water temp.: 70/60°C

