FAN COIL UNIT

FSU 200～1200



FAN COIL UNIT FSU Series

Vertical unit with cabinet, with bottom air inlet and top outlet, for wall installation or floor installation with feet.

Characteristics

Low noise
Fin coil heat exchanger with reversible left connections
3-speed fan motor
Complete with washable polypropylene filter, fixed louvers and condensate drain pain with natural discharge
Cabinet made of coated sheet metal

Available configurations

FSU 200 C R - 2 - 1
(1) (2) (3) (4)

(1) Nominal Air Volume:CFM
(2) Direction of Nozzle
L Left hand side
R Right hand side
(3) Electric Heating Power: KW
(4) Power Supply:
1 220/1/50
3 230/1/60
6 Other power supply

Applications



Functions and features



Optional

3-way valve
2-way valve
Mechanical controller
Digital controller (LCD screen)
Infrared remote controller
Stainless steel flexible connection pipe

2 pipes installation- 3 rows main coil

Model	FSU	Size	200C			300C			400C			600C			800C			1000C			1200C		
	Speed		H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L	H	M	L
Air side	Air flow	m^3/h	340	260	220	510	460	330	680	540	420	1020	830	660	1360	1050	800	1700	1300	950	2040	1670	1300
General	Nominal cooling capacity	KW	1.92	1.72	1.52	2.79	2.31	2.14	3.84	3.25	2.94	5.31	4.83	4.12	7.68	6.58	5.84	8.72	7.45	6.45	10.50	9.45	8.57
	Sensible cooling capacity	KW	1.38	1.24	1.09	2.01	1.66	1.54	2.76	2.34	2.12	3.82	3.48	2.97	5.53	4.74	4.20	6.28	5.36	4.64	7.56	6.80	6.17
	Nominal Heating capacity	KW	3.26	2.87	2.35	4.65	3.64	3.15	6.40	5.52	4.81	8.68	7.86	7.04	12.79	10.87	9.35	14.53	12.98	10.15	17.45	15.09	13.21
Coil side	Water flow	l/s		0.09			0.13			0.18			0.25			0.37			0.42			0.50	
	Pressure drop	KPa		25.00			17.30			25.70			33.00			32.30			23.50			35.00	
	Maximum working pressure	MPa											1.6										
Fan	Structure		Double air inlet forward multi- blades centrifugal fan																				
	Nr.			1			2			2			2			3			4			4	
Motor	Power input	W		27			41			51			89			119			148			186	
	Noise	dB(A)	34	28	23	36	28	24	39	33	27	44	38	30	46	41	32	47	42	32	49	45	34
	Power supply		220V/1P/50Hz																				
Dimension	Width	mm		896			996			1094			1294			1492			1791			1990	
	Depth	mm		220			220			220			220			220			220			220	
	Height	mm		650			650			650			650			650			650			650	
Pipe size	Inlet/outlet nozzle	DN											20										
	Condensate pipe diameter	DN											20										
	Weight	kg		23.5			27.0			29.0			38.5			42.0			44.0			49.4	
Loading qty 20' 40' 40H'		Pcs	186	389	431	164	348	393	151	320	357	114	243	243	93	204	204	84	174	174	72	156	156

Note:
Cooling rated conditions: air inlet 27°C(DB)/19.5°C(WB). Water inlet 7°C, water inlet/outlet temperature difference 5 °C.
Heating rated conditions: air inlet 20°C(DB), hot water inlet 60°C, the hot water flow is the same as the cooling water flow.
Noise measured at 1m in open field.