

# Ceiling Concealed - High Pressure FCU

Model TFM			800B			1000B			1200B			1600B		
			High	Medium	Low	High	Medium	Low	High	Medium	Low	High	Medium	Low
Air Flow m³/h	Standard (S)	0 Pa	1400	1090	880	1610	1285	1035	2050	1640	1305	2640	2105	1685
		40 Pa	1200	960	775	1420	1135	915	1850	1450	1155	2355	1885	1510
		80 Pa	1030	820	655	1230	985	790	1560	1250	1000	2095	1675	1340
	High static pressure (H)	80 Pa	1460	1170	945	1715	1380	1100	2195	1745	1400	2820	2255	1805
		130 Pa	1265	1015	815	1510	1215	970	1925	1540	1230	2490	1990	1595
		180 Pa	1075	860	690	1305	1045	835	1660	1330	1065	2160	1730	1385
Total Cooling Capacity kW	Standard (S)	0 Pa	8.78	7.02	5.63	10.52	8.41	6.74	13.39	10.72	8.57	17.22	13.78	11.02
		40 Pa	7.85	6.28	5.03	9.27	7.42	5.94	11.80	9.45	7.94	15.17	12.14	9.71
		80 Pa	6.99	5.59	4.47	7.98	6.39	5.11	10.16	8.13	6.49	13.05	10.44	8.36
	High static pressure (H)	80 Pa	9.38	7.50	6.01	11.26	9.00	7.21	14.31	11.45	9.15	18.40	14.72	11.78
		130 Pa	8.29	6.64	5.30	9.87	7.90	6.31	12.04	9.63	7.70	15.93	12.75	10.20
		180 Pa	7.19	5.75	4.60	8.49	6.79	5.43	9.84	7.86	6.29	13.50	10.80	8.63
Sensible Cooling Capacity kW	Standard (S)	0 Pa	6.47	5.18	4.14	7.88	6.30	5.04	9.72	7.78	6.23	12.83	10.27	8.22
		40 Pa	5.79	4.63	3.71	6.95	5.55	4.43	8.57	6.86	5.48	11.30	9.05	7.23
		80 Pa	5.16	4.12	3.30	5.98	4.78	3.82	7.37	5.96	4.71	9.73	7.78	6.23
	High static pressure (H)	80 Pa	6.92	5.53	4.44	8.42	6.74	5.39	10.39	8.32	6.65	13.71	10.97	8.78
		130 Pa	6.11	4.89	3.92	7.39	5.91	4.73	8.75	6.99	5.60	11.87	9.51	7.61
		180 Pa	5.05	4.25	3.39	6.36	5.08	4.07	7.14	5.71	4.57	10.06	8.05	6.44
Heating Capacity kW	Standard (S)	0 Pa	13.35	10.68	8.54	16.17	12.93	10.34	20.86	16.69	13.36	26.00	20.80	16.64
		40 Pa	11.75	9.40	7.52	14.29	11.43	9.14	18.41	14.73	11.78	23.25	18.61	14.88
		80 Pa	10.07	8.06	6.45	12.38	9.90	7.92	15.89	12.72	10.17	20.67	16.54	13.24
	High static pressure (H)	80 Pa	14.26	11.42	9.12	17.28	13.83	11.06	22.29	17.84	14.27	27.79	22.24	17.79
		130 Pa	12.37	9.89	7.91	15.19	12.51	9.72	19.60	15.68	12.54	24.56	19.65	15.73
		180 Pa	10.49	8.39	6.71	13.09	10.47	8.38	16.89	13.52	10.81	21.31	17.05	13.64
Motor	Power Supply		220V-50Hz											
	Type		Split-capacitor motor with ball bearing											
	Insulation Class		B											
	Quantity(S/H)		1/1			1/1			1/1			1/1		
Fan Quantity			1			1			1			1		
High Rated Power Input W (S/H)			200/280			280/370			300/600			350/700		
Water Flow Rate m³/h			1.60			1.88			2.39			3.08		
Water Pressure Drop kPa			6			14			25			20		
Dimension (Without return air plenum)	Length mm		860			860			960			1110		
	Width mm		770			770			770			770		
	Height mm		430			430			430			430		
Weight	(Without return air plenum ) kg		40			40			46			53		
	(With return air plenum)kg		50			50			56			65		
Pipe connection			R 1(Taper Pipe Male Threaded)											
Condensate Drain Size			R 1(Taper Pipe Male Threaded)											