



FLUID COOLERS ENGINEERING DATA - FC MODELS

Model No:	Box	L	W	H	F	Airflow l/sec	Motor kW	Pump kW	Dry kg	Wet kg
		Length mm	Width mm	Height mm	Fan ø mm					
16-3	4 x 4	1460	1460	2850	1000	3980	1.1	0.37	500	1000
16-4	4 x 4	1460	1460	2850	1000	4250	1.5	0.37	750	1500
16-5	4 x 4	1460	1460	2850	1000	4850	2.2	0.37	900	1800
24-3	6 X 4	2030	1460	3060	1000	5860	1.5	0.75	600	1300
24-4	6 X 4	2030	1460	3060	1000	6360	1.5	0.75	700	1600
24-5	6 X 4	2030	1460	3060	1000	7250	2.2	0.75	900	2200
16-3	6 X 6	2030	2030	3060	1500	6541	3.7	0.75	900	2200
16-4	6 X 6	2030	2030	3060	1500	7500	4	0.75	1000	2500
16-5	6 X 6	2030	2030	3060	1500	8500	4	0.75	1200	2900
16-3	9 X 4	2950	1460	3060	2 x 1000	5214	2 x 2.2	0.75	900	2200
16-4	9 X 4	2950	1460	3060	2 x 1000	5990	2 x 2.2	0.75	1000	2500
16-5	9 X 4	2950	1460	3060	2 x 1000	6530	2 x 2.2	0.75	1200	2900
16-3	12 X 4	3860	1460	4160	2 x 1000	8125	2 x 4.0	1.5	1600	4500
16-4	12 X 4	3860	1460	4160	2 x 1000	9350	2 x 4.0	1.5	1800	4800
16-5	12 X 4	3860	1460	4160	2 x 1000	9800	2 x 4.0	1.5	2000	5200
16-3	8 X 8	2700	2700	4160	1820	17980	5.5	2.2	1600	4500
16-4	8 X 8	2700	2700	4160	1820	20600	7.5	2.2	1800	4800
16-5	8 X 8	2700	2700	4160	1820	24600	11	2.2	2000	5200
16-3	8 X 10	2700	3300	4160	1820	22960	7.5	2.2	2000	5200
16-4	8 X 10	2700	3300	4160	1820	25400	11	2.2	2200	5500
16-5	8 X 10	2700	3300	4160	1820	27500	15	2.2	2500	5900
16-3	10 X 10	3300	3300	4570	2400	25630	7.5	4	2200	5500
16-4	10 X 10	3300	3300	4570	2400	28600	11	4	2500	5800
16-5	10 X 10	3300	3300	4570	2400	32300	15	4	3000	6500
16-3	10 X 12	3300	3900	4570	2400	25960	7.5	5.5	3000	6900
16-4	10 X 12	3300	3900	4570	2400	28900	11	5.5	3300	7500
16-5	10 X 12	3300	3900	4570	2400	34500	15	5.5	3900	8120

THR rejection calculated at 35/29.5/24°C

NOTE: All specifications are intended as a guide only. Please refer to Head Office or your sales representative for certified data.

FLUID COOLERS SELECTION DATA - FC MODELS

Wet bulb temperature Degrees Celsius		23°	24°	25°	26°	27°	28°	
Model No:	Box	Max water flow l/sec						
16-3	4 x 4	24.6	7.5	6.2	5.6	4.8	4.1	3.9
16-4	4 x 4	24.6	9.2	7.3	6.5	5.7	5.1	4.7
16-5	4 x 4	24.6	11.2	9.1	8.5	7.1	6.5	6.1
24-3	6 X 4	24.6	10.9	9.1	8.2	7.3	6.8	5.9
24-4	6 X 4	24.6	12.3	11.1	9.2	8.3	7.9	7.1
24-5	6 X 4	24.6	15.6	13.9	12.8	10.9	10.1	8.8
36-3	6 X 6	24.6	16.8	14.2	13.5	11.2	10.1	9.5
36-4	6 X 6	24.6	18.5	16.2	15.2	12.8	11.5	10.5
36-5	6 X 6	24.6	21.6	19.1	18.5	16.1	15.5	13.5
38-3	9 X 4	24.6	16.8	14.2	13.5	11.2	10.1	9.5
38-4	9 X 4	24.6	18.5	16.2	15.2	12.8	11.5	10.5
38-5	9 X 4	24.6	21.6	19.1	18.5	16.1	15.5	13.5
45-3	12 X 4	34.8	21.6	19.9	18.5	16.1	14.9	12.8
45-4	12 X 4	34.8	25.3	23.1	21.9	19.1	17.5	15.1
45-5	12 X 4	34.8	27.1	25.1	23.9	20.9	19.1	16.5
48-3	8 X 8	34.8	21.6	19.9	18.5	16.1	14.9	12.8
48-4	8 X 8	34.8	25.3	23.1	21.9	19.1	17.5	15.1
48-5	8 X 8	34.8	27.1	25.1	23.9	20.9	19.1	16.5
80-3	8 X 10	55.2	27.1	25.1	22.3	19.5	17.9	15.2
80-4	8 X 10	55.2	35.1	33.2	29.5	26.2	23.1	20.9
80-5	8 X 10	55.2	42.3	38.1	34.9	31.1	28.1	25.1
100-3	10 X 10	55.2	39.6	36.5	33.8	29.5	26.2	23.5
100-4	10 X 10	55.2	41.5	40.01	37.1	34.5	31.5	27.6
100-5	10 X 10	55.2	44.9	41.8	40.01	37.5	34.5	31.5
120-3	10 X 12	79.8	47.2	43.2	39.8	33.1	29.9	26.1
120-4	10 X 12	79.8	53.2	51.3	45.1	39.4	35.5	31.9
120-5	10 X 12	79.8	57.1	54.9	50.1	42.5	38.2	34.5

Given temperatures 37°C entering water and 32°C leaving water.

Refer to authorized representative for water flow through coil pressure drop.



Coils