

CFP, CFF, CFPC, CFFC - COOLING CAPACITIES



ENTERING AIR CONDITIONS DB=24°C WB=17.8°C(RH=55%)

3-ROW COOLING CAPACITY IN WATT

SS/HS	FlowWater l/s	W.P.D. kpa	Entering Water Temperature °C									
			5		6		7		8		9	
			SH	TH	SH	TH	SH	TH	SH	TH	SH	TH
300	0.05	1	1,630	1,720	1,580	1,585	1,450	1,450	1,315	1,315	1,180	1,180
	0.10	3	1,895	2,425	1,825	2,235	1,750	2,045	1,680	1,860	1,610	1,670
	0.15	5	2,090	2,905	1,995	2,675	1,905	2,450	1,820	2,225	1,730	1,995
	0.20	9	2,190	3,145	2,085	2,900	1,990	2,655	1,890	2,410	1,795	2,165
400	0.10	5	2,865	3,430	2,765	3,165	2,665	2,895	2,565	2,625	2,360	2,360
	0.15	9	3,125	4,095	3,000	3,775	2,875	3,455	2,755	3,135	2,635	2,815
	0.20	14	3,300	4,530	3,160	4,175	3,020	3,820	2,880	3,465	2,745	3,115
	0.25	21	3,385	4,730	3,235	4,360	3,085	3,990	2,940	3,625	2,800	3,255
600	0.10	5	3,505	3,945	3,395	3,640	3,280	3,330	3,020	3,020	2,715	2,715
	0.15	10	3,865	4,880	3,720	4,500	3,570	4,115	3,430	3,735	3,290	3,355
	0.20	16	4,120	5,520	3,950	5,090	3,780	4,660	3,615	4,225	3,450	3,795
	0.30	31	4,290	5,940	4,100	5,475	3,920	5,015	3,740	4,550	3,560	4,085
800	0.15	12	4,565	5,605	4,395	5,170	4,230	4,730	4,065	4,290	3,855	3,855
	0.20	19	4,920	6,510	4,720	6,000	4,520	5,495	4,325	4,985	4,135	4,475
	0.25	28	5,210	7,230	4,985	6,665	4,760	6,100	4,540	5,535	4,320	4,970
	0.35	49	5,575	8,110	5,310	7,475	5,055	6,845	4,800	6,210	4,555	5,575
1,000	0.20	4	5,565	6,895	5,360	6,355	5,150	5,815	4,950	5,275	4,740	4,740
	0.30	8	6,010	8,020	5,760	7,390	5,515	6,765	5,275	6,140	5,040	5,510
	0.40	13	6,310	8,765	6,035	8,080	5,760	7,395	5,495	6,710	5,230	6,025
	0.50	20	6,460	9,125	6,170	8,415	5,885	7,700	5,600	6,985	5,330	6,275
1,200	0.20	5	6,885	8,130	6,635	7,490	6,400	6,855	6,170	6,200	5,935	5,585
	0.30	10	7,540	9,815	7,235	9,050	6,940	8,280	6,645	7,515	6,360	6,745
	0.40	16	7,955	10,860	7,615	10,010	7,280	9,160	6,955	8,315	6,625	7,465
	0.50	24	8,120	11,260	7,765	10,380	7,415	9,500	7,070	8,620	6,735	7,740
1,400	0.20	5	7,610	8,495	7,365	7,830	7,120	7,170	6,505	6,505	5,840	5,840
	0.30	10	8,330	10,370	8,015	9,560	7,705	8,750	7,405	7,940	7,105	7,130
	0.40	17	8,845	11,680	8,480	10,765	8,130	9,855	7,780	8,940	7,440	8,030
	0.55	30	9,205	12,580	8,815	11,600	8,425	10,165	8,045	9,635	7,670	8,650

Note: SH: Sensible Heat (W) TH: Total Heat (W)

ENTERING AIR CONDITIONS DB=26°C WB=19.5°C(RH=55%)

3-ROW COOLING CAPACITY IN WATT

SS/HS	FlowWater l/s	W.P.D. kpa	Entering Water Temperature °C									
			5		6		7		8		9	
			SH	TH	SH	TH	SH	TH	SH	TH	SH	TH
300	0.05	1	1,750	2,030	1,700	1,890	1,655	1,750	1,605	1,610	1,470	1,470
	0.10	3	2,055	2,865	1,980	2,665	1,910	2,470	1,840	2,270	1,765	2,075
	0.15	5	2,275	3,425	2,180	3,190	2,090	2,955	2,000	2,715	1,915	2,480
	0.20	9	2,390	3,715	2,285	3,460	2,185	3,200	2,085	2,945	1,990	2,690
400	0.10	5	3,100	4,050	2,995	3,770	2,895	3,490	2,795	3,210	2,695	2,930
	0.15	9	3,395	4,835	3,265	4,500	3,145	4,170	3,020	3,835	2,900	3,500
	0.20	14	3,590	5,345	3,445	4,975	3,305	4,610	3,170	4,240	3,035	3,870
	0.25	21	3,685	5,585	3,535	5,200	3,385	4,815	3,240	4,430	3,100	4,045
600	0.10	5	3,785	4,660	3,665	4,335	3,550	4,015	3,440	3,695	3,330	3,370
	0.15	10	4,185	5,760	4,040	5,360	3,895	4,965	3,750	4,565	3,605	4,170
	0.20	16	4,475	6,515	4,300	6,065	4,135	5,620	3,970	5,170	3,805	4,720
	0.30	31	4,670	7,010	4,480	6,530	4,295	6,045	4,115	5,560	3,935	5,075
800	0.15	12	4,940	6,615	4,770	6,160	4,605	5,705	4,440	5,245	4,275	4,790
	0.20	19	5,340	7,685	5,140	7,155	4,940	6,625	4,750	6,095	4,555	5,565
	0.25	28	5,670	8,530	5,440	7,945	5,215	7,355	4,995	6,765	4,775	6,175
	0.35	49	6,085	9,570	5,820	8,910	5,560	8,250	5,305	7,590	5,055	6,930
1,000	0.20	4	6,025	8,135	5,820	7,575	5,610	7,010	5,410	6,450	5,205	5,890
	0.30	8	6,525	9,460	6,275	8,810	6,030	8,155	5,790	7,505	5,555	6,850
	0.40	13	6,870	10,340	6,590	9,625	6,315	8,915	6,050	8,200	5,785	7,485
	0.50	20	7,040	10,770	6,745	10,025	6,460	9,285	6,175	8,540	5,900	7,800
1,200	0.20	5	7,435	9,590	7,195	8,930	6,955	8,270	6,715	7,605	6,485	6,945
	0.30	10	8,175	11,580	7,875	10,785	7,580	9,985	7,285	9,185	6,995	8,385
	0.40	16	8,650	12,815	8,310	11,930	7,970	11,045	7,645	10,165	7,320	9,280
	0.50	24	8,835	13,285	8,475	12,370	8,125	11,455	7,780	10,535	7,455	9,620
1,400	0.20	5	8,205	10,025	7,960	9,335	7,710	8,645	7,470	7,950	7,235	7,260
	0.30	10	9,015	12,235	8,705	11,395	8,395	10,550	8,090	9,705	7,785	8,860
	0.40	17	9,600	13,800	9,235	12,830	8,885	11,880	8,535	10,930	8,190	9,980
	0.55	30	10,010	14,845	9,615	13,825	9,225	12,800	8,845	11,775	8,470	10,750

Note: SH: Sensible Heat (W) TH: Total Heat (W)

CFP, CFF, CFPC, CFFC - HEATING CAPACITIES

CF

ENTERING AIR CONDITIONS DB=20°C

3-ROW HEATING CAPACITY IN WATT

SS/HS	FlowWater l/s	W.P.D. kpa	Entering Water Temperature °C							
			40	45	50	55	60	65	70	80
300	0.05	1	1,532	1,915	2,298	2,681	3,064	3,447	3,830	4,596
	0.10	3	2,076	2,595	3,114	3,633	4,152	4,671	5,190	6,228
	0.15	5	2,378	2,973	3,567	4,162	4,756	5,351	5,945	7,134
	0.20	9	2,444	3,055	3,666	4,277	4,888	5,499	6,110	7,332
400	0.10	5	3,368	4,210	5,052	5,894	6,736	7,578	8,420	10,104
	0.15	9	3,724	4,655	5,586	6,517	7,448	8,379	9,310	11,172
	0.20	14	3,936	4,920	5,904	6,888	7,872	8,856	9,840	11,808
	0.25	21	4,002	5,003	6,003	7,004	8,004	9,005	10,005	12,006
600	0.10	5	4,078	5,098	6,117	7,137	8,156	9,176	10,195	12,234
	0.15	10	4,536	5,670	6,804	7,938	9,072	10,206	11,340	13,608
	0.20	16	4,838	6,048	7,257	8,467	9,676	10,886	12,095	14,514
	0.30	31	4,982	6,228	7,473	8,719	9,964	11,210	12,455	14,946
800	0.15	12	5,412	6,765	8,118	9,471	10,824	12,177	13,530	16,236
	0.20	19	5,842	7,303	8,763	10,224	11,684	13,145	14,605	17,526
	0.25	28	6,148	7,685	9,222	10,759	12,296	13,833	15,370	18,444
	0.35	49	6,384	7,980	9,576	11,172	12,768	14,364	15,960	19,152
1,000	0.20	4	6,332	7,915	9,498	11,081	12,664	14,247	15,830	18,996
	0.30	8	6,892	8,615	10,338	12,061	13,784	15,507	17,230	20,676
	0.40	13	7,248	9,060	10,872	12,684	14,496	16,308	18,120	21,744
	0.50	20	7,404	9,255	11,106	12,957	14,808	16,659	18,510	22,212
1,200	0.20	5	7,480	9,350	11,220	13,090	14,960	16,830	18,700	22,440
	0.30	10	8,554	10,693	12,831	14,970	17,108	19,247	21,385	25,662
	0.40	16	9,206	11,508	13,809	16,111	18,412	20,714	23,015	27,618
	0.50	24	9,436	11,795	14,154	16,513	18,872	21,231	23,590	28,308
1,400	0.20	5	8,184	10,230	12,276	14,322	16,368	18,414	20,460	24,552
	0.30	10	9,330	11,663	13,995	16,328	18,660	20,993	23,325	27,990
	0.40	17	10,068	12,585	15,102	17,619	20,136	22,653	25,170	30,204
	0.55	30	10,404	13,005	15,606	18,207	20,808	23,409	26,010	31,212

ENTERING AIR CONDITIONS DB=22°C

3-ROW HEATING CAPACITY IN WATT

SS/HS	FlowWater l/s	W.P.D. kpa	Entering Water Temperature °C							
			40	45	50	55	60	65	70	80
300	0.05	1	1,379	1,762	2,145	2,528	2,911	3,294	3,677	4,443
	0.10	3	1,868	2,397	2,906	3,425	3,944	4,463	4,982	6,020
	0.15	5	2,140	2,735	3,329	3,924	4,518	5,113	5,707	6,896
	0.20	9	2,200	2,811	3,422	4,033	4,644	5,255	5,866	7,088
400	0.10	5	3,031	3,873	4,715	5,557	6,399	7,241	8,083	9,767
	0.15	9	3,352	4,283	5,214	6,145	7,076	8,007	8,938	10,800
	0.20	14	3,542	4,526	5,510	6,494	7,478	8,462	9,446	11,414
	0.25	21	3,602	4,602	5,603	6,603	7,604	8,604	9,605	11,606
600	0.10	5	3,670	4,690	5,709	6,729	7,748	8,768	9,787	11,826
	0.15	10	4,082	5,216	6,350	7,484	8,618	9,752	10,886	13,154
	0.20	16	4,354	5,564	6,773	7,983	9,192	10,402	11,611	14,030
	0.30	31	4,484	5,729	6,975	8,220	9,466	10,711	11,957	14,448
800	0.15	12	4,871	6,224	7,577	8,930	10,283	11,636	12,989	156,950
	0.20	19	5,258	6,718	8,179	9,639	11,100	12,560	14,021	16,942
	0.25	28	5,533	7,070	8,607	10,144	11,681	13,218	14,755	17,829
	0.35	49	5,746	7,342	8,938	10,534	12,130	13,726	15,322	18,514
1,000	0.20	4	5,699	7,282	8,865	10,448	12,031	13,614	15,197	18,363
	0.30	8	6,203	7,926	9,649	11,372	13,095	14,818	16,541	19,987
	0.40	13	6,523	8,335	10,147	11,959	13,771	15,583	17,395	21,019
	0.50	20	6,664	8,515	10,366	12,217	14,068	15,919	17,770	21,472
1,200	0.20	5	6,732	8,602	10,472	12,342	14,212	16,082	17,952	21,692
	0.30	10	7,699	9,837	11,976	14,114	16,253	18,391	20,530	24,807
	0.40	16	8,285	10,587	12,888	15,190	17,491	19,793	22,094	26,697
	0.50	24	8,492	10,851	13,210	15,569	17,928	20,287	22,646	27,364
1,400	0.20	5	7,366	9,412	11,458	13,504	15,550	17,596	19,642	23,734
	0.30	10	8,397	10,730	13,062	15,395	17,727	20,060	22,392	27,057
	0.40	17	9,061	11,578	14,095	16,612	19,129	21,646	24,163	29,197
	0.55	30	9,364	11,965	14,566	17,167	19,768	22,369	24,970	30,172

CFP-4P, CFFC-4P, CFPC-4P, CFFC-4P - COOLING CAPACITIES



ENTERING AIR CONDITIONS DB=24°C WB=17.8°C(RH=55%)

2-ROW COOLING CAPACITY IN WATT

SS/HS	Water Flow I/s	W.P.D. kpa	Entering Water Temperature °C									
			5		6		7		8		9	
			SH	TH	SH	TH	SH	TH	SH	TH	SH	TH
300 4P	0.05	3	1,465	1,550	1,420	1,425	1,305	1,305	1,185	1,185	1,060	1,060
	0.10	11	1,705	2,135	1,640	1,965	1,575	1,800	1,570	1,635	1,450	1,470
	0.15	22	1,880	2,525	1,795	2,325	1,715	2,130	1,640	1,935	1,555	1,735
	0.20	36	1,970	2,705	1,875	2,495	1,790	2,285	1,700	2,070	1,615	1,860
400 4P	0.10	12	2,580	3,085	2,490	2,850	2,400	2,605	2,310	2,360	2,125	2,125
	0.15	25	2,810	3,605	2,700	3,320	2,585	3,040	2,480	2,760	2,370	2,475
	0.20	41	2,970	3,940	2,840	3,630	2,720	3,325	2,590	3,015	2,470	2,710
	0.25	60	3,045	4,065	2,910	3,750	2,775	3,430	2,645	3,115	2,520	2,800
600 4P	0.10	13	3,155	3,550	3,055	3,275	2,950	2,995	2,720	2,720	2,445	2,445
	0.15	27	3,480	4,295	3,350	3,960	3,215	3,620	3,085	3,285	2,960	2,950
	0.20	44	3,710	4,800	3,555	4,430	3,400	4,055	3,255	3,675	3,105	3,300
	0.25	65	3,860	5,110	3,690	4,710	3,530	4,315	3,365	3,915	3,204	3,515
800 4P	0.15	15	3,880	4,765	3,735	4,395	3,595	4,020	3,455	3,645	3,275	3,275
	0.20	31	4,330	5,600	4,155	5,160	3,980	4,725	3,805	4,285	3,640	3,850
	0.25	51	4,690	6,290	4,485	5,800	4,285	5,305	4,085	4,815	3,890	4,325
	0.25	75	5,240	7,135	4,990	6,580	4,750	6,025	4,510	5,465	4,280	4,905
1000 4P	0.10	3	4,450	5,515	4,290	5,085	4,120	4,650	3,960	4,220	3,790	3,790
	0.15	7	5,170	6,735	4,955	6,210	4,745	5,685	4,535	5,160	4,335	4,630
	0.20	11	5,490	7,190	5,250	6,630	5,010	6,065	4,780	4,505	4,550	4,940
	0.25	16	5,685	7,300	5,430	6,730	5,180	6,160	4,930	5,590	4,690	5,020
1200 4P	0.15	8	5,510	6,505	5,310	5,990	5,120	5,485	4,935	4,980	4,470	4,750
	0.20	11	6,180	6,385	5,935	7,240	5,690	6,300	5,450	6,010	5,215	5,395
	0.25	16	6,605	8,690	6,320	8,010	6,040	7,330	5,775	6,650	5,500	5,970
	0.35	30	6,900	9,010	6,600	8,305	6,300	7,600	6,010	6,895	5,725	6,190
1400 4P	0.15	9	6,090	6,800	5,890	6,265	5,700	5,740	5,250	5,205	4,670	4,670
	0.20	15	6,830	8,295	6,575	7,650	6,320	7,000	5,450	6,350	5,215	5,705
	0.25	22	7,430	9,345	7,125	8,610	6,830	7,885	6,535	7,150	6,250	6,425
	0.35	44	7,735	10,065	7,405	9,280	7,080	8,490	6,760	7,710	6,445	6,920

Note: SH: Sensible Heat (W) TH: Total Heat (W)

ENTERING AIR CONDITIONS DB=26°C WB=19.5°C(RH=55%)

2-ROW COOLING CAPACITY IN WATT

SS/HS	Water Flow I/s	W.P.D. kpa	Entering Water Temperature °C									
			5		6		7		8		9	
			SH	TH	SH	TH	SH	TH	SH	TH	SH	TH
300 4P	0.05	3	1,575	1,830	1,530	1,705	1,490	1,575	1,445	1,450	1,325	1,325
	0.10	11	1,850	2,525	1,785	2,350	1,720	2,175	1,660	2,000	1,590	1,830
	0.15	22	2,050	2,980	1,965	2,780	1,885	2,575	1,800	2,365	1,725	2,160
	0.20	36	2,155	3,195	2,060	2,980	1,970	2,755	1,880	2,535	1,795	2,315
400 4P	0.10	12	2,790	3,645	2,700	3,395	2,610	3,145	2,520	2,890	2,430	2,640
	0.15	25	3,060	4,225	2,940	3,960	2,835	3,670	2,720	3,375	2,610	3,080
	0.20	41	3,235	4,655	3,105	4,330	2,975	4,015	2,855	3,690	2,735	3,370
	0.25	60	3,320	4,805	3,185	4,475	3,050	4,145	2,920	3,810	2,790	3,480
600 4P	0.10	13	3,410	4,195	3,300	3,905	3,195	3,615	3,100	3,330	3,000	3,035
	0.15	27	3,770	5,070	3,640	4,720	3,510	4,370	3,375	4,020	3,245	3,670
	0.20	44	4,030	5,670	3,870	5,280	3,725	4,890	3,575	4,500	3,425	4,110
	0.25	65	4,205	6,030	4,035	5,620	3,870	5,200	3,705	4,785	3,545	4,365
800 4P	0.15	15	4,200	5,625	4,055	5,240	3,915	4,850	3,775	4,460	3,635	4,075
	0.20	31	4,700	6,610	4,525	6,155	4,350	5,700	4,180	5,245	4,010	4,790
	0.25	51	5,105	7,425	4,900	6,915	4,695	6,400	4,500	5,890	4,300	5,375
	0.25	75	5,720	8,425	5,475	7,845	5,230	7,260	4,990	6,680	4,755	6,100
1000 4P	0.10	3	4,820	6,510	4,660	6,060	4,490	5,610	4,330	5,160	4,165	4,715
	0.15	7	5,615	7,950	5,400	7,405	5,190	6,855	4,980	6,305	4,780	5,755
	0.20	11	5,980	8,480	5,735	7,895	5,495	7,315	5,265	6,725	5,035	6,140
	0.25	16	6,200	8,620	5,940	8,020	5,685	7,430	5,435	6,835	5,195	6,240
1200 4P	0.15	8	5,950	7,675	5,760	7,145	5,565	6,620	5,375	6,085	5,190	5,560
	0.20	11	6,705	9,265	6,460	8,630	6,220	7,990	5,975	7,350	5,740	6,710
	0.25	16	7,180	10,255	6,900	9,545	6,620	8,840	6,350	8,135	6,080	7,425
	0.35	30	7,510	10,630	7,205	9,900	6,910	9,165	6,615	8,430	6,330	7,700
1400 4P	0.15	9	6,565	8,020	6,370	7,470	6,170	6,920	5,980	6,360	5,790	5,810
	0.20	15	7,395	9,790	7,140	9,120	6,885	8,440	6,635	7,765	6,385	7,090
	0.25	22	8,065	11,025	7,760	10,265	7,465	9,505	7,170	8,745	6,880	7,985
	0.35	44	8,610	11,880	8,270	11,060	7,935	10,240	7,610	9,420	7,285	8,600

Note: SH: Sensible Heat (W) TH: Total Heat (W)

CFP-4P, CFFC-4P, CFPC-4P, CFFC-4P - HEATING CAPACITIES



ENTERING AIR CONDITIONS DB=20°C

1-ROW HEATING CAPACITY IN WATT

SS/HS	FlowWater l/s	W.P.D. kpa	Entering Water Temperature °C							
			40	45	50	55	60	65	70	80
300 4P	0.03	3	850	1,070	1,280	1,490	1,700	1,920	2,130	2,560
	0.05	6	1,180	1,470	1,770	2,060	2,360	2,660	2,900	3,540
	0.07	11	1,370	1,720	2,060	2,410	2,750	3,100	3,440	4,130
	0.10	21	1,510	1,880	2,260	2,630	3,010	3,380	3,760	4,510
400 4P	0.03	5	1,640	2,050	2,470	2,880	3,290	3,700	4,110	4,930
	0.05	10	1,940	2,420	2,910	3,390	3,880	4,360	4,850	5,810
	0.07	16	2,130	2,600	3,190	3,720	4,250	4,780	5,310	6,380
	0.10	32	2,400	3,000	3,600	4,190	4,800	5,390	6,000	7,190
600 4P	0.03	5	1,870	2,330	2,800	3,260	3,730	4,200	4,660	5,600
	0.05	17	2,250	2,820	3,380	3,940	4,500	5,070	5,630	6,760
	0.07	19	2,480	3,100	3,720	4,340	4,960	5,580	6,200	7,440
	0.10	37	2,820	3,530	4,230	4,940	5,640	6,350	7,060	8,470
800 4P	0.03	1	1,910	2,380	2,860	3,340	3,820	4,290	4,770	5,720
	0.05	3	2,410	3,010	3,610	4,210	4,810	5,410	6,010	7,220
	0.07	5	2,770	3,470	4,160	4,850	5,540	6,240	6,930	8,320
	0.10	10	3,200	4,000	4,800	5,600	6,400	7,190	7,990	9,590
1000 4P	0.03	1	2,200	2,760	3,310	3,860	4,410	4,960	5,510	6,610
	0.05	3	2,800	3,460	4,150	4,840	5,530	6,220	6,910	8,300
	0.07	6	3,150	3,930	4,720	5,500	6,290	7,130	7,860	9,430
	0.10	11	3,700	4,620	5,540	6,470	7,400	8,320	9,240	11,090
1200 4P	0.03	1	2,440	3,050	3,770	4,270	4,890	5,500	6,110	7,330
	0.05	3	3,120	3,900	4,680	5,450	6,230	7,010	7,790	9,350
	0.07	6	3,660	4,570	5,490	6,400	7,320	8,230	9,150	10,970
	0.10	12	4,420	5,530	6,640	7,740	8,850	9,950	11,060	13,270
1400 4P	0.03	2	3,510	3,130	3,760	4,390	5,010	5,640	6,270	7,520
	0.05	3	3,320	4,150	4,980	5,810	6,640	7,470	8,310	9,970
	0.07	6	3,900	4,800	5,850	6,830	7,800	8,780	9,760	11,710
	0.10	13	4,780	5,980	7,170	8,370	9,560	10,760	11,950	14,340

ENTERING AIR CONDITIONS DB=22°C

1-ROW HEATING CAPACITY IN WATT

SS/HS	FlowWater l/s	W.P.D. kpa	Entering Water Temperature °C							
			40	45	50	55	60	65	70	80
300 4P	0.03	3	770	980	1,190	1,410	1,620	1,830	2,050	2,470
	0.05	6	1,060	1,360	1,650	1,950	2,240	2,530	2,830	3,420
	0.07	11	1,240	1,580	1,930	2,250	2,610	2,950	3,300	3,980
	0.10	21	1,350	1,730	2,110	2,480	2,860	3,230	3,610	4,360
400 4P	0.03	5	1,480	1,890	2,300	2,710	3,120	3,530	3,950	4,770
	0.05	10	1,740	2,230	2,710	3,200	3,680	4,170	4,650	5,620
	0.07	16	1,910	2,440	2,970	3,500	4,020	4,570	5,100	6,160
	0.10	32	2,160	2,760	3,360	3,960	4,560	5,160	5,750	6,950
600 4P	0.03	5	1,680	2,150	2,610	3,080	3,550	4,010	4,480	5,410
	0.05	11	2,030	2,590	3,150	3,720	4,280	4,840	5,400	6,530
	0.07	19	2,240	2,860	3,480	4,100	4,720	5,340	5,960	7,200
	0.10	37	2,540	3,250	3,950	4,650	5,360	6,070	6,770	8,190
800 4P	0.03	1	1,720	2,190	2,670	3,150	3,620	4,100	4,580	5,530
	0.05	3	2,160	2,770	3,370	3,970	4,570	5,170	5,780	6,980
	0.07	5	2,490	3,190	3,880	4,580	5,270	5,960	6,660	8,040
	0.10	10	2,880	3,680	4,480	5,280	6,080	6,870	7,670	9,270
1000 4P	0.03	1	1,990	2,540	3,090	3,640	4,190	4,740	5,290	6,400
	0.05	3	2,490	3,180	3,870	4,570	5,260	5,950	6,640	8,020
	0.07	5	2,830	3,620	4,400	5,190	5,970	6,760	7,540	9,120
	0.10	11	3,330	4,250	5,170	6,100	7,020	7,950	8,880	10,720
1200 4P	0.03	1	2,200	2,810	3,420	4,030	4,640	5,250	5,860	7,080
	0.05	3	2,800	3,580	4,360	5,140	5,920	6,700	7,480	9,040
	0.07	6	3,290	4,210	5,120	6,030	6,950	7,870	8,780	10,610
	0.10	12	3,980	5,090	6,190	7,300	8,400	9,510	10,620	12,830
1400 4P	0.03	2	2,260	2,880	3,510	4,140	4,760	5,390	6,020	7,270
	0.05	3	2,990	3,820	4,650	5,480	6,310	7,140	7,970	9,630
	0.07	6	3,510	4,490	5,460	6,440	7,410	8,390	9,360	11,320
	0.10	13	4,300	5,500	6,700	7,890	9,080	1,280	11,470	13,860

# RATING CORRECTION BY ESP & L/S



FAN SPEED : **HIGH**

**CFP,CFF**-STANDARD MODEL (SS)

CF: CORRECTION FACTOR CT : TOTAL HEAT CAPACITY CS : SENSIBLE HEAT CAPABILITY

MODEL CFP CFF	CS CT	External Static Pressure (Pa)											
		0		10		20		30		40		50	
		CF	L/S	CF	L/S	CF	L/S	CF	L/S	CF	L/S	CF	L/S
300SS	CS	1.08	170	1.05	160	1.03	150	1.00	145	0.96	140	0.91	125
	CT	1.09		1.06		1.03		1.00		0.95		0.90	
400SS	CS	1.06	270	1.05	260	1.02	250	1.00	240	0.97	220	0.93	210
	CT	1.07		1.05		1.03		1.00		0.96		0.93	
600 SS	CS	1.05	340	1.04	330	1.02	320	1.00	300	0.97	290	0.93	270
	CT	1.06		1.05		1.03		1.00		0.97		0.92	
800SS	CS	1.05	400	1.04	390	1.02	380	1.00	370	0.97	350	0.93	320
	CT	1.06		1.04		1.02		1.00		0.97		0.92	
1000SS	CS	1.06	500	1.04	480	1.03	470	1.00	440	0.97	420	0.92	380
	CT	1.07		1.05		1.03		1.00		0.97		0.91	
1200SS	CS	1.06	640	1.04	620	1.02	590	1.00	570	0.97	540	0.94	510
	CT	1.06		1.04		1.02		1.00		0.97		0.93	
1400SS	CS	1.05	730	1.03	700	1.02	680	1.00	660	0.97	630	0.93	580
	CT	1.06		1.04		1.02		1.00		0.97		0.92	

FAN SPEED : **MEDIUM**

**CFP,CFF**-STANDARD MODEL (SS)

CF: CORRECTION FACTOR CT : TOTAL HEAT CAPACITY CS : SENSIBLE HEAT CAPABILITY

MODEL CFP CFF	CS CT	External Static Pressure (Pa)											
		0		10		20		30		40		50	
		CF	L/S	CF	L/S	CF	L/S	CF	L/S	CF	L/S	CF	L/S
300SS	CS	0.97	140	0.94	130	0.89	120	0.84	110	0.79	100	0.73	85
	CT	0.97		0.93		0.88		0.82		0.76		0.69	
400SS	CS	0.95	210	0.93	200	0.90	190	0.87	180	0.83	170	0.78	160
	CT	0.94		0.92		0.88		0.85		0.80		0.76	
600 SS	CS	0.92	260	0.91	250	0.88	240	0.85	230	0.81	210	0.76	190
	CT	0.91		0.89		0.87		0.83		0.79		0.73	
800SS	CS	0.92	320	0.91	310	0.89	300	0.87	280	0.83	270	0.80	250
	CT	0.91		0.90		0.88		0.85		0.81		0.77	
1000SS	CS	0.93	390	0.91	380	0.88	350	0.85	330	0.81	310	0.76	280
	CT	0.92		0.90		0.87		0.83		0.78		0.73	
1200SS	CS	0.93	500	0.91	480	0.89	470	0.86	440	0.83	420	0.79	380
	CT	0.92		0.90		0.88		0.85		0.81		0.77	
1400SS	CS	0.95	600	0.93	580	0.91	550	0.89	530	0.87	510	0.84	406
	CT	0.94		0.92		0.90		0.87		0.85		0.82	

## RATING CORRECTION BY ESP & L/S

**CF**

FAN SPEED : **HIGH**

**CFP**-HIGH STATIC MODEL (HS)

CF: CORRECTION FACTOR CT : TOTAL HEAT CAPACITY CS : SENSIBLE HEAT CAPABILITY

MODEL CFP	CS CT	External Static Pressure (Pa)											
		0		10		20		30		40		50	
		CF	L/S	CF	L/S	CF	L/S	CF	L/S	CF	L/S	CF	L/S
300SS	CS	1.16	210	1.12	190	1.08	170	1.01	150	0.91	125	0.80	100
	CT	1.18		1.13		1.09		1.01		0.9		0.77	
400SS	CS	1.14	320	1.1	290	1.06	260	1.00	240	0.92	200	0.79	160
	CT	1.16		1.12		1.06		1.00		0.91		0.77	
600 SS	CS	1.11	380	1.08	350	1.05	330	1.00	300	0.92	260	0.80	200
	CT	1.12		1.09		1.06		0.99		0.91		0.77	
800SS	CS	1.14	490	1.11	450	1.06	410	1.00	370	0.93	320	0.83	270
	CT	1.15		1.12		1.07		1.00		0.92		0.81	
1000SS	CS	1.12	570	1.09	540	1.06	500	1.01	450	0.92	380	0.78	290
	CT	1.14		1.11		1.07		1.01		0.91		0.75	
1200SS	CS	1.11	720	1.08	680	1.04	620	1.00	570	0.92	490	0.79	380
	CT	1.13		1.09		1.05		0.99		0.91		0.77	
1400SS	CS	1.13	870	1.09	800	1.05	740	1.00	670	0.93	580	0.84	490
	CT	1.15		1.10		1.06		1.01		0.93		0.82	

FAN SPEED : **MEDIUM**

**CFP**-HIGH STATIC MODEL (HS)

CF: CORRECTION FACTOR CT : TOTAL HEAT CAPACITY CS : SENSIBLE HEAT CAPABILITY

MODEL CFP	CS CT	External Static Pressure (Pa)											
		0		10		20		30		40		50	
		CF	L/S	CF	L/S	CF	L/S	CF	L/S	CF	L/S	CF	L/S
300SS	CS	1.08	170	1.03	160	0.96	140	0.87	110	0.76	90	0.62	70
	CT	1.09		1.03		0.95		0.85		0.72		0.56	
400SS	CS	1.06	270	1.02	250	0.97	220	0.90	190	0.79	160	0.63	110
	CT	1.07		1.03		0.96		0.88		0.77		0.58	
600 SS	CS	1.05	340	1.02	320	0.97	290	0.90	250	0.81	210	0.67	150
	CT	1.06		1.03		0.97		0.89		0.78		0.62	
800SS	CS	1.05	400	1.02	380	0.97	350	0.90	300	0.81	250	0.7	200
	CT	1.06		1.02		0.97		0.89		0.79		0.65	
1000SS	CS	1.06	500	1.03	470	0.97	420	0.89	360	0.81	300	0.67	230
	CT	1.07		1.03		0.96		0.88		0.78		0.62	
1200SS	CS	1.06	640	1.02	590	0.97	540	0.92	490	0.83	420	0.69	310
	CT	1.06		1.02		0.97		0.91		0.81		0.65	
1400SS	CS	1.05	730	1.02	680	0.97	630	0.93	580	0.87	520	0.76	410
	CT	1.06		1.02		0.97		0.93		0.85		0.72	