

Model Series 35FH • Performance Data 2-pipe System • Cooling and Heating AHRI Standard Ratings

Unit Size	Airflow		Main Coil Rows	Cooling Capacity 1				Heating Capacity 2		PSC Motor (Watts)
	CFM	l/s		TMBH	kW	SMBH	kW	MBH	kW	
4	400	189	3	13.1	3.8	9.0	2.6	23.3	6.8	175
	390	184	4	14.8	4.3	9.8	2.9	25.2	7.4	170
	375	177	5	15.7	4.6	10.0	2.9	25.8	7.6	165
	375	177	6	16.6	4.9	10.5	3.1	26.7	7.8	165
6	680	321	3	18.1	5.3	13.3	3.9	34.3	10.1	280
	660	311	4	21.1	6.2	14.8	4.3	38.4	11.2	275
	650	307	5	23.4	6.9	15.8	4.6	41.2	12.1	270
	630	297	6	24.8	7.3	16.3	4.8	42.3	12.4	265
8	870	411	3	21.0	6.2	16.0	4.7	40.5	11.9	310
	830	392	4	24.5	7.2	17.7	5.2	45.6	13.4	305
	800	378	5	27.1	7.9	18.8	5.5	48.6	14.2	300
	770	363	6	28.7	8.4	19.3	5.7	50.0	14.7	295
10	1170	552	3	30.2	8.9	22.7	6.7	58.3	17.1	450
	1140	538	4	38.0	11.2	26.3	7.7	67.2	19.7	440
	1110	524	5	43.5	12.7	28.5	8.4	72.2	21.2	430
	1080	510	6	45.2	13.2	29.1	8.5	73.7	21.6	420
12	1280	604	3	31.9	9.3	24.2	7.1	62.1	ww18.2	500
	1250	590	4	40.3	11.8	28.1	8.2	72.1	21.1	490
	1220	576	5	46.5	13.6	30.8	9.0	77.9	22.8	475
	1190	562	6	48.4	14.2	31.5	9.2	80.0	23.5	460
14	1400	661	3	33.4	9.8	25.7	7.5	65.9	19.3	575
	1350	637	4	42.2	12.4	29.7	8.7	76.4	22.4	560
	1300	614	5	48.5	14.2	32.3	9.5	82.1	24.1	540
	1260	595	6	50.5	14.8	33.0	9.7	84.1	24.6	530
16 ³	1600	755	3	35.3	10.3	27.7	8.1	71.9	21.1	785
	1540	727	4	45.2	13.2	32.3	9.5	84.1	24.7	755
	1490	703	5	52.6	15.4	35.4	10.4	91.4	26.8	740
	1490	703	6	56.2	16.5	37.3	10.9	96.6	28.3	730
18 ⁴	1750	826	3	50.1	14.7	35.5	10.4	91.1	26.7	830
	1720	812	4	58.6	17.2	39.8	11.7	102.4	30.0	820
	1700	802	5	67.3	19.7	43.7	12.8	110.9	32.5	805
	1680	793	6	73.7	21.6	46.5	13.6	115.9	34.0	795
20 ⁴	1930	911	3	52.9	15.5	38.0	11.1	97.6	28.6	935
	1880	887	4	61.9	18.1	42.5	12.5	109.7	32.1	915
	1840	868	5	71.2	20.9	46.5	13.6	118.4	34.7	895
	1800	850	6	77.6	22.7	49.2	14.4	123.0	36.1	860
24 ⁴	2400	1133	3	60.1	17.6	44.7	13.1	113.2	33.2	1000
	2330	1100	4	71.1	20.8	50.3	14.7	128.6	37.7	980
	2230	1052	5	81.5	23.9	54.5	16.0	138.1	40.5	950
	2050	967	6	85.7	25.1	54.9	16.1	137.5	40.3	940

All performance based on actual airflow using PSC motors. Cooling performance is based on 80°F DB and 67°F WB (26.7/19.4C), 45°F (7.2°C) and a 10°F (5.6°C) temperature rise.

Heating performance is based on 70°F (21.1°C) entering air temperature, 140°F (60°C) entering hot water temperature performance unit.

1. Dissipated PSC motor heat taken into account within cooling capacity. Dissipated capacity for an ECM is less, providing you a higher cooling capacity.
2. For specific performance outside of AHRI condition request selection software SelectWorks, through your nearest sales representative or for a quick glance, go to coil performance curves on pages B26 through B33. PSC motor watts at full load.
3. Only the five (5) & six (6) row coils are certified to AHRI standard 440. The three (3) & four (4) row coil airflow/capacity falls outside the scope of the program.
4. Not AHRI certified to standard 440 as the unit airflow / capacity falls outside the program scope.

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