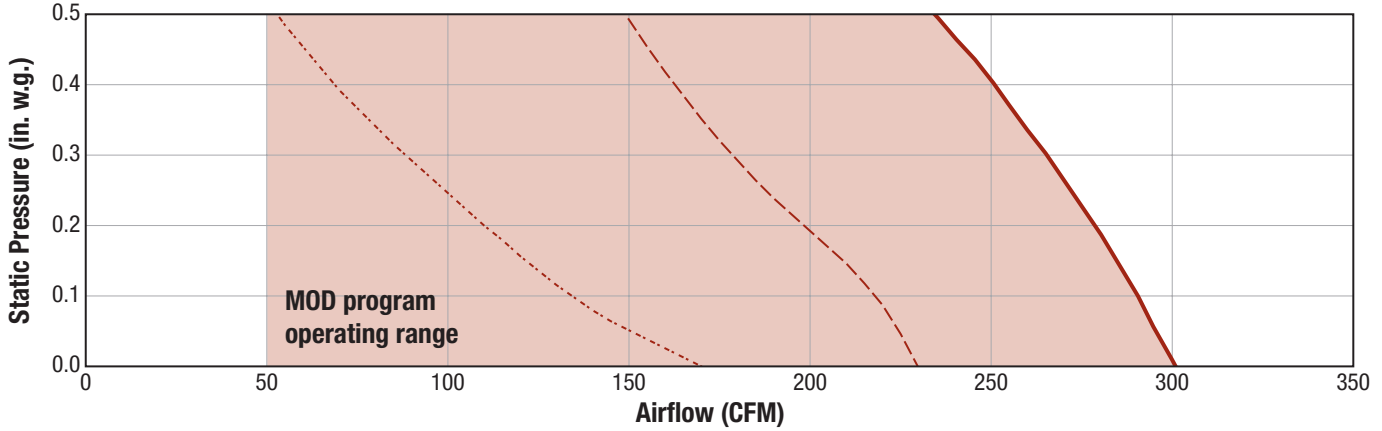


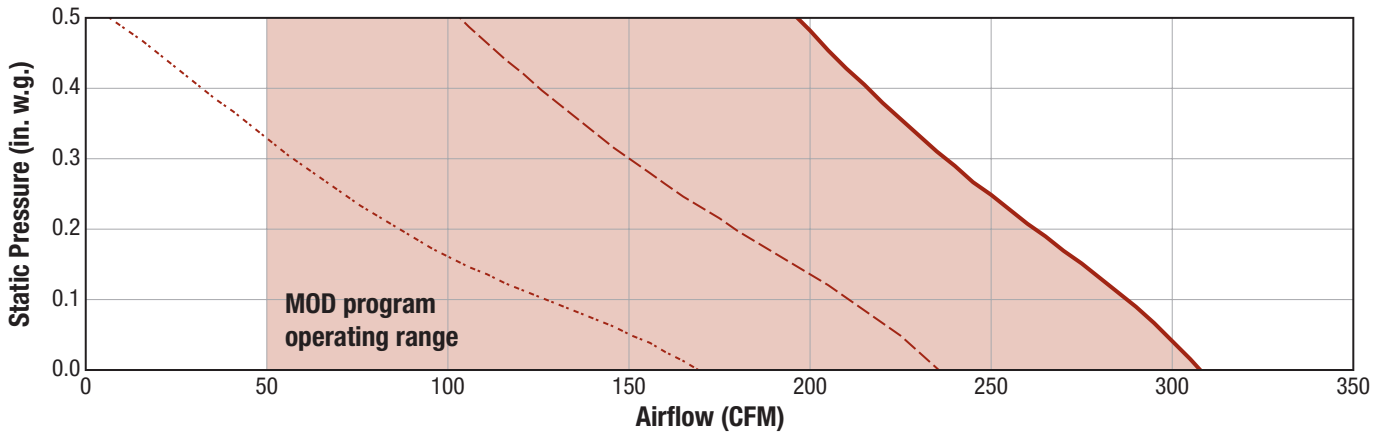
PERFORMANCE DATA

FCH - Fan Performance Curves - Unit size 02

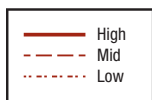
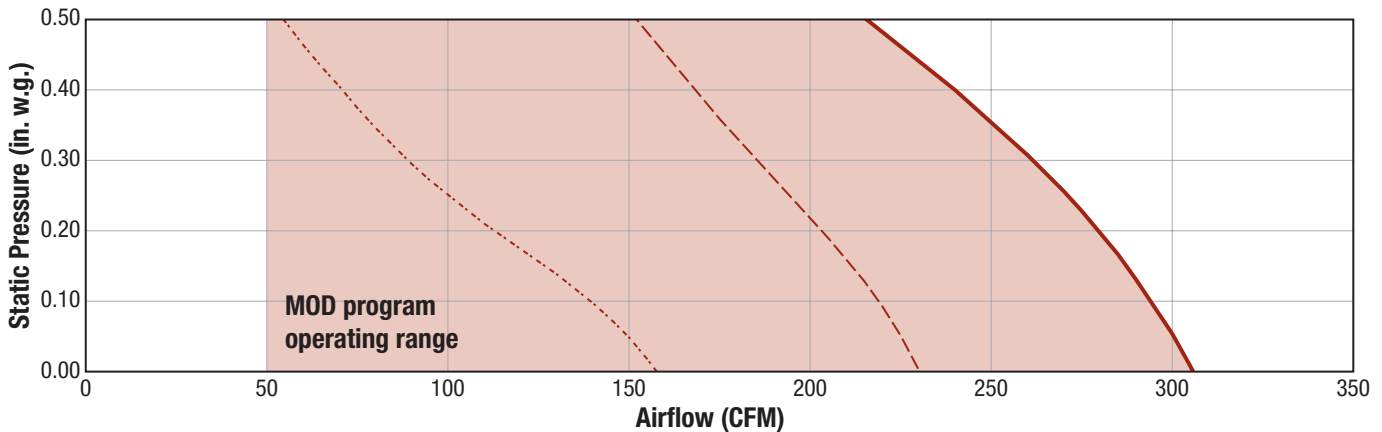
FCHP Size 2



FCHC Size 2



FCHE Size 2



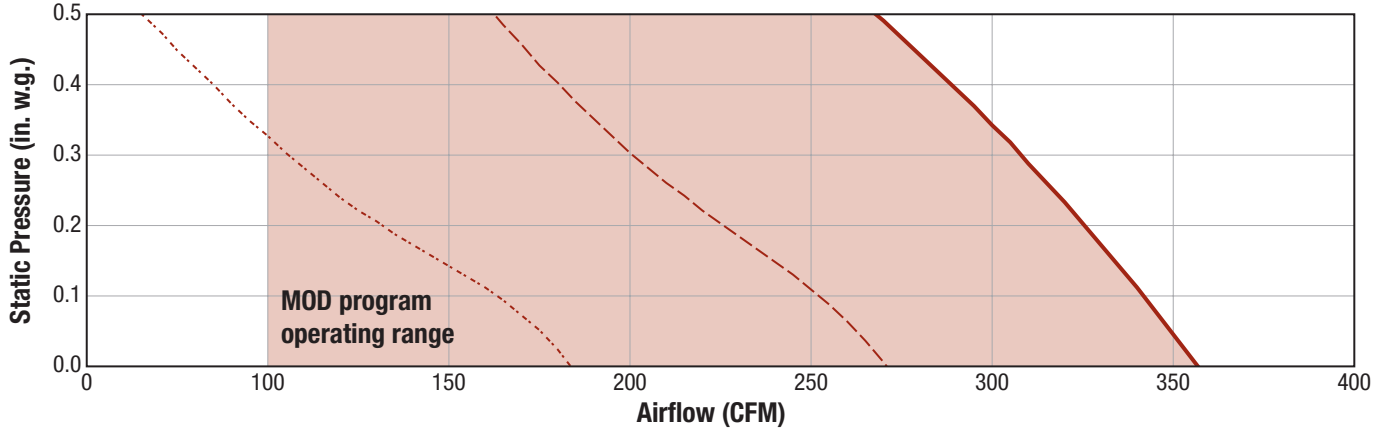
Note:

1. Airflows are based on dry coil conditions with 4 row coil.

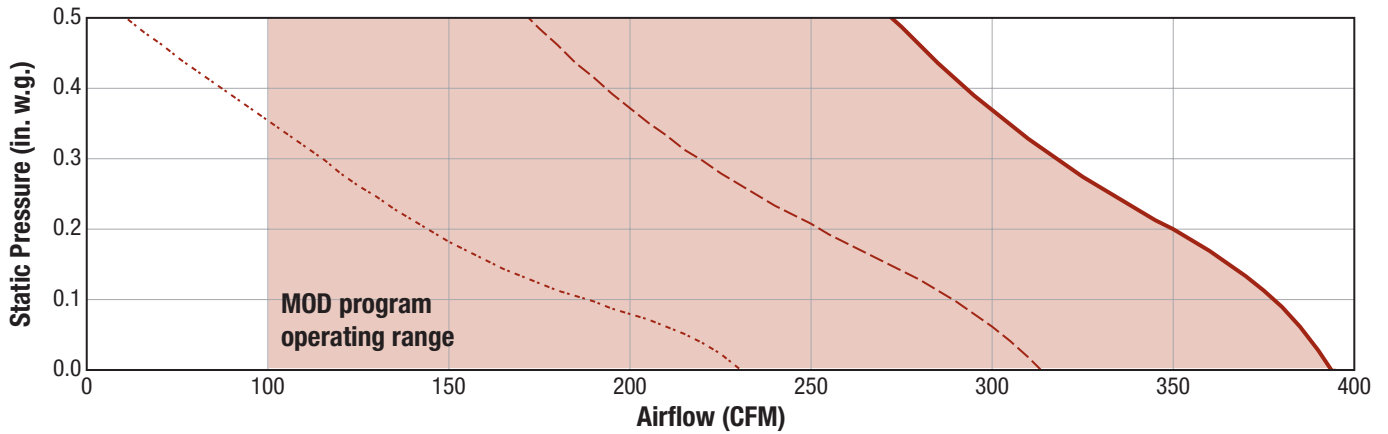
PERFORMANCE DATA

FCH - Fan Performance Curves - Unit size 03

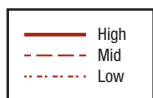
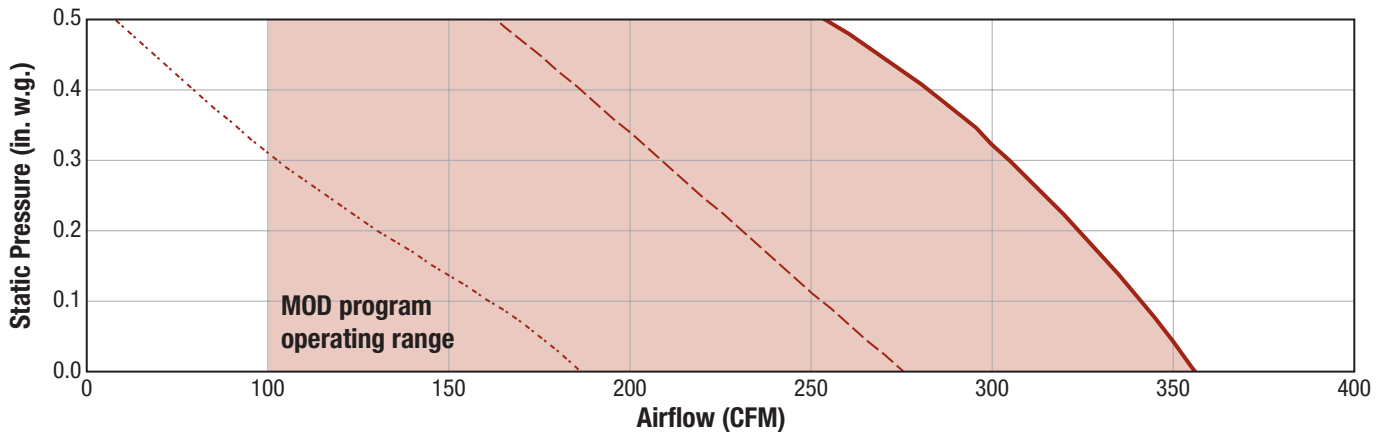
FCHP Size 3



FCHC Size 3



FCHE Size 3



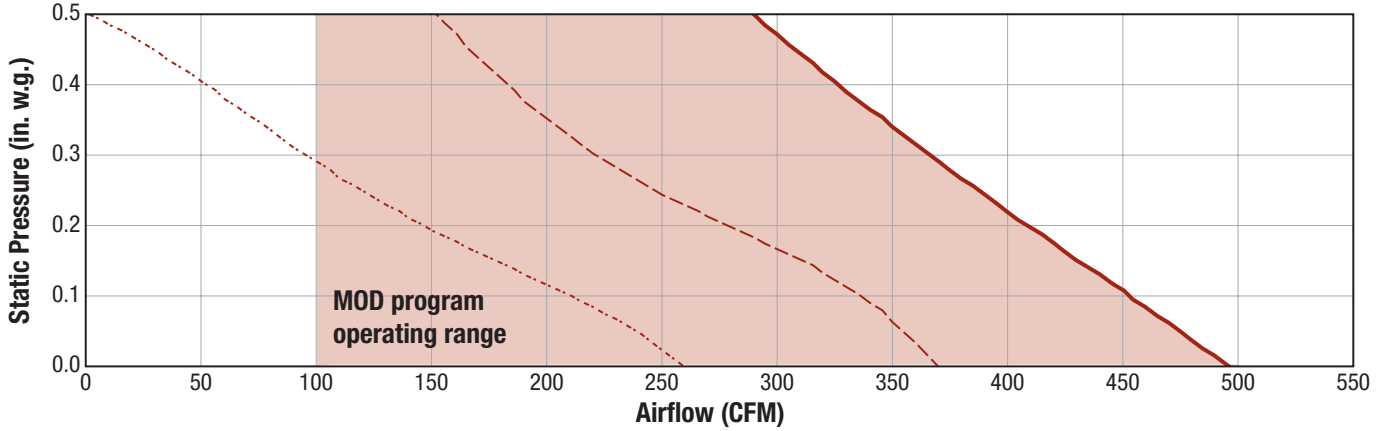
Note:

1. Airflows are based on dry coil conditions with 4 row coil.

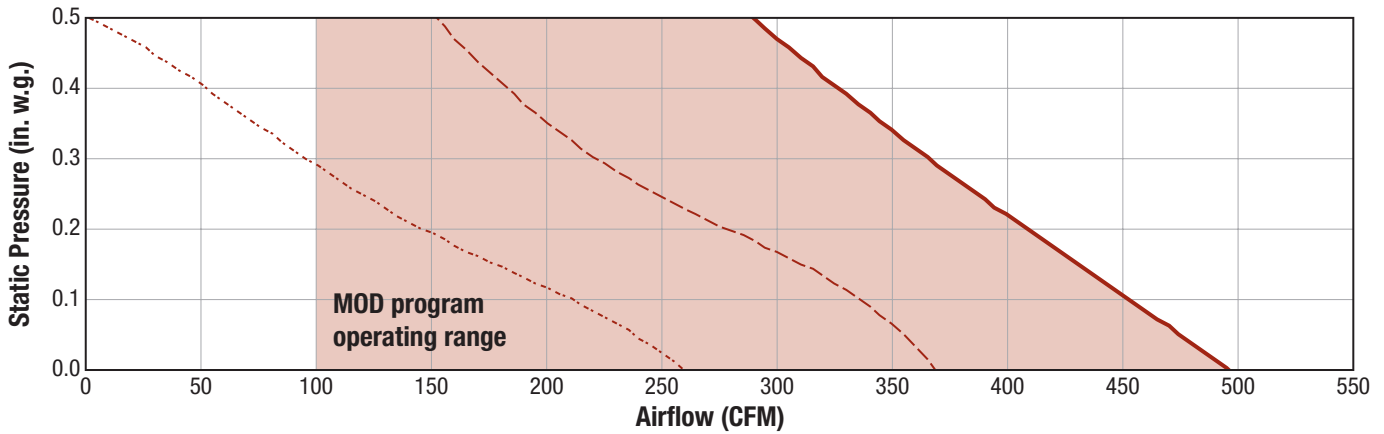
PERFORMANCE DATA

FCH - Fan Performance Curves - Unit size 04

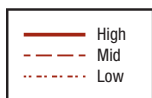
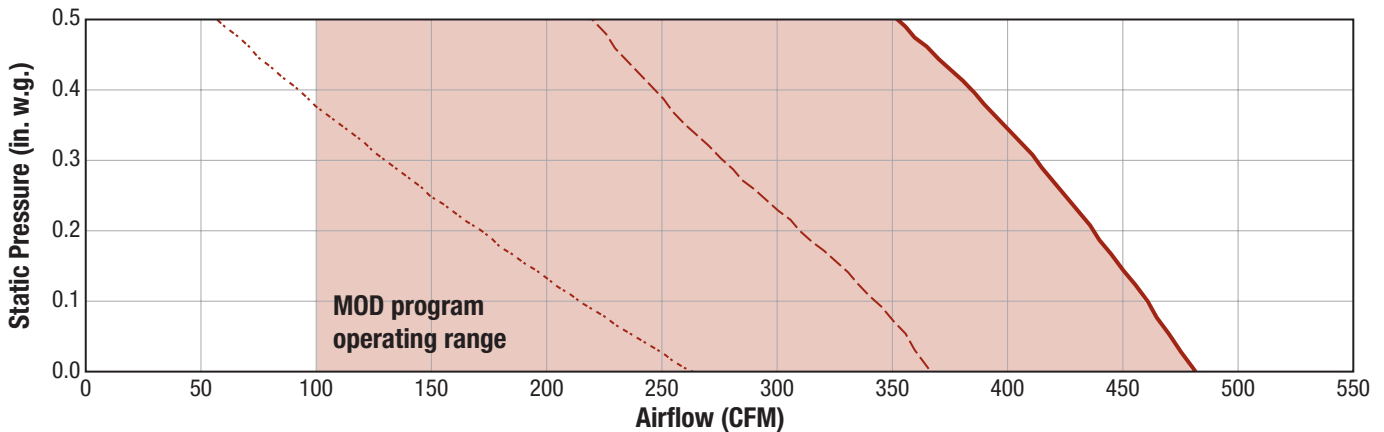
FCHC Size 4



FCHP Size 4



FCHE Size 4



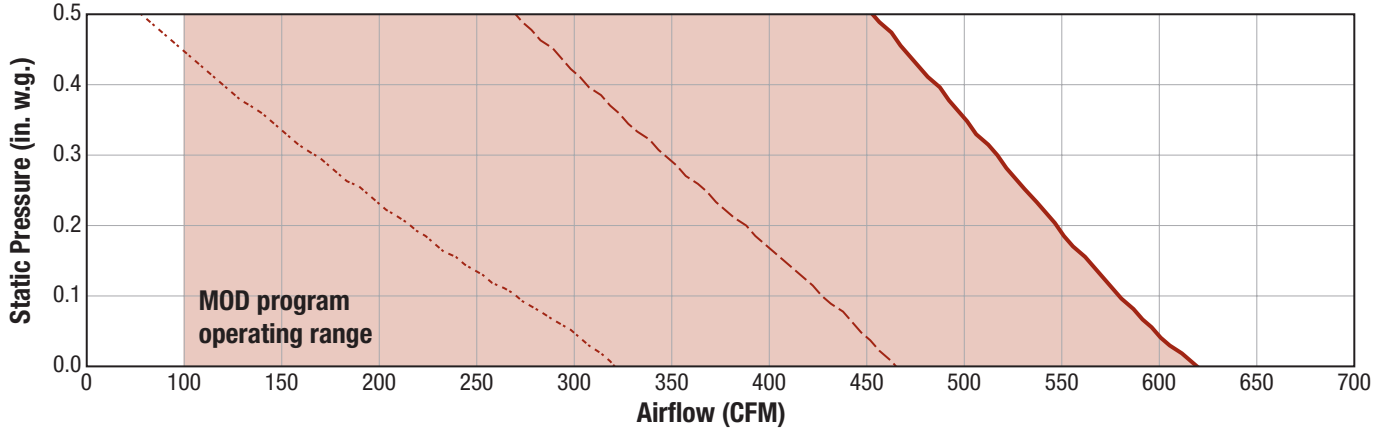
Note:

1. Airflows are based on dry coil conditions with 4 row coil.

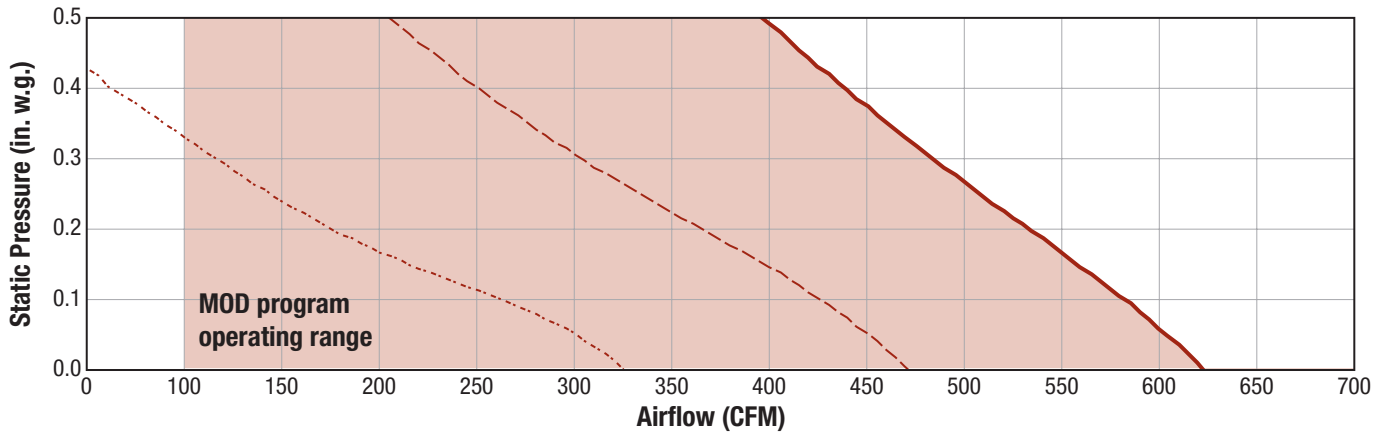
PERFORMANCE DATA

FCH - Fan Performance Curves - Unit size 06

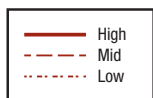
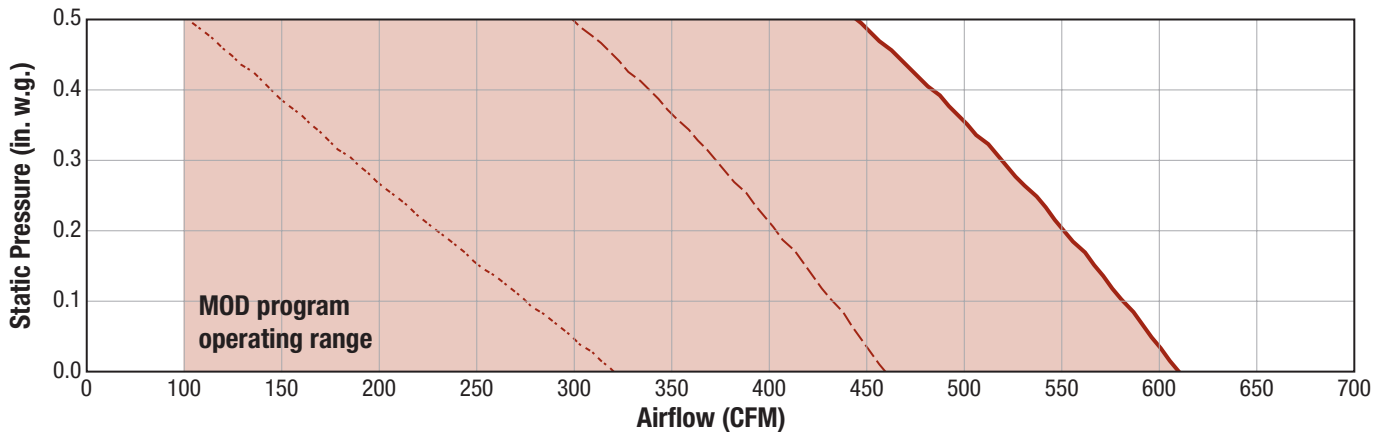
FCHP Size 6



FCHC Size 6



FCHE Size 6



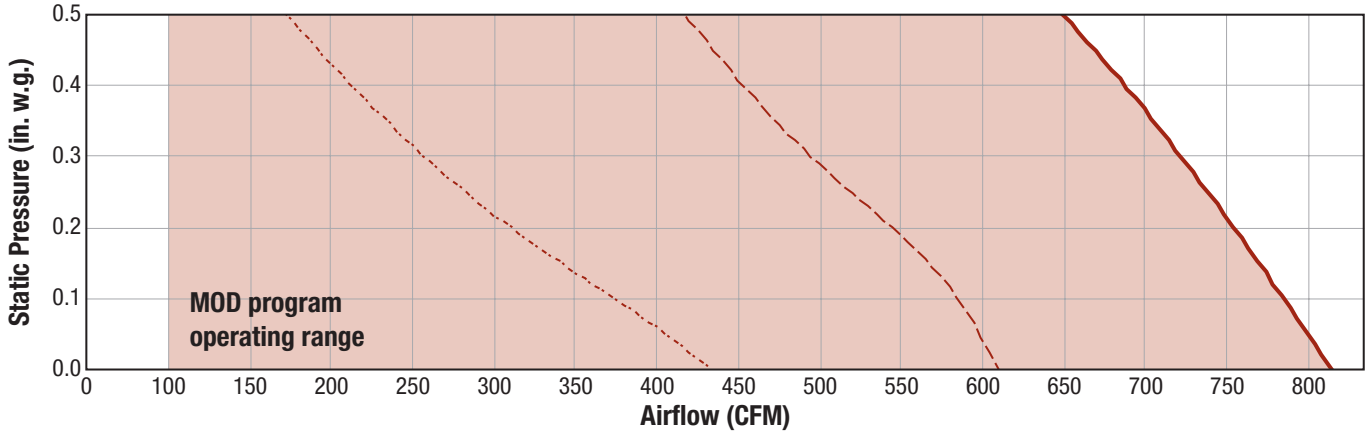
Note:

1. Airflows are based on dry coil conditions with 4 row coil.

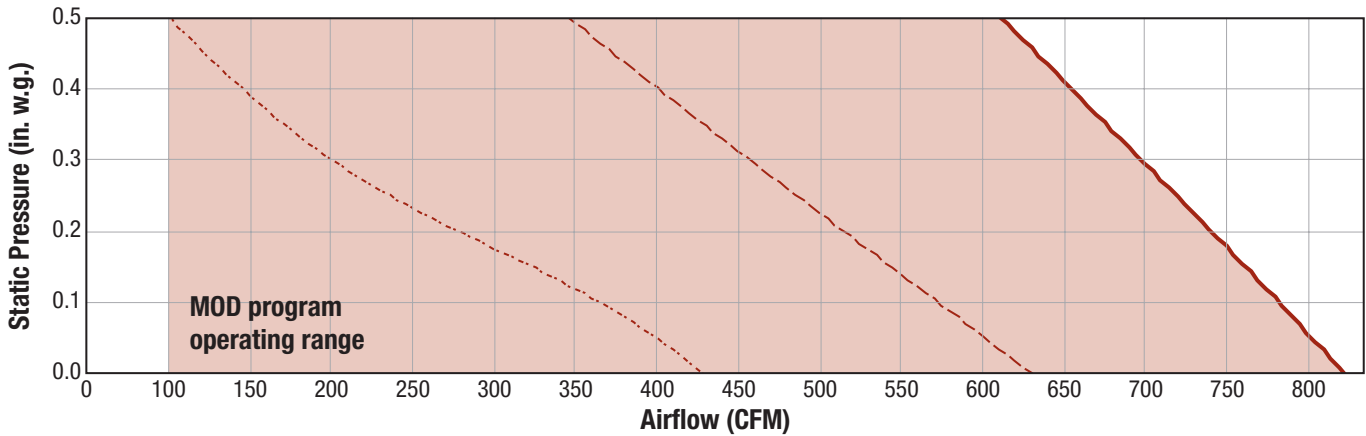
PERFORMANCE DATA

FCH - Fan Performance Curves - Unit size 08

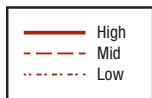
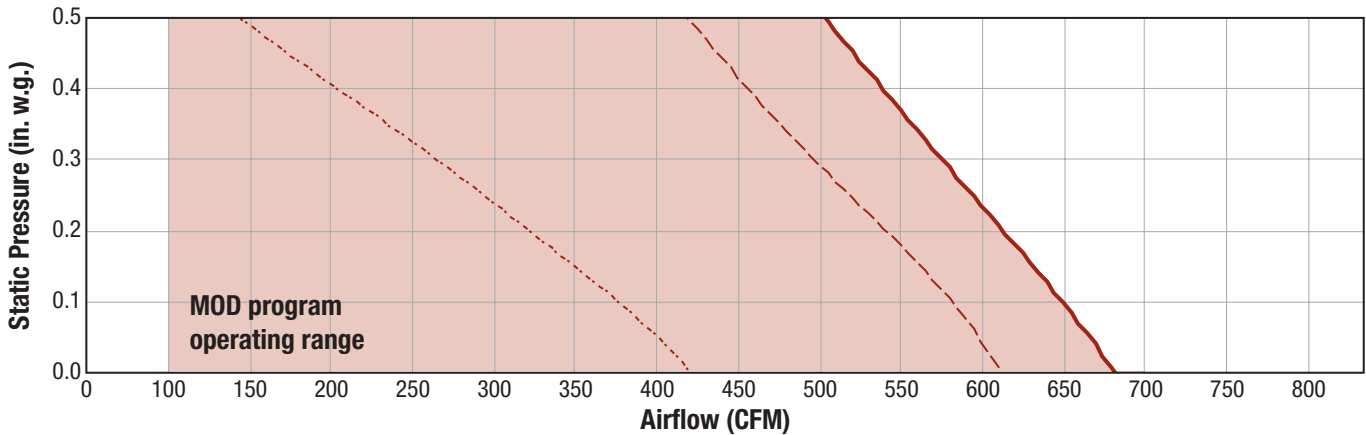
FCHP Size 8



FCHC Size 8



FCHE Size 8



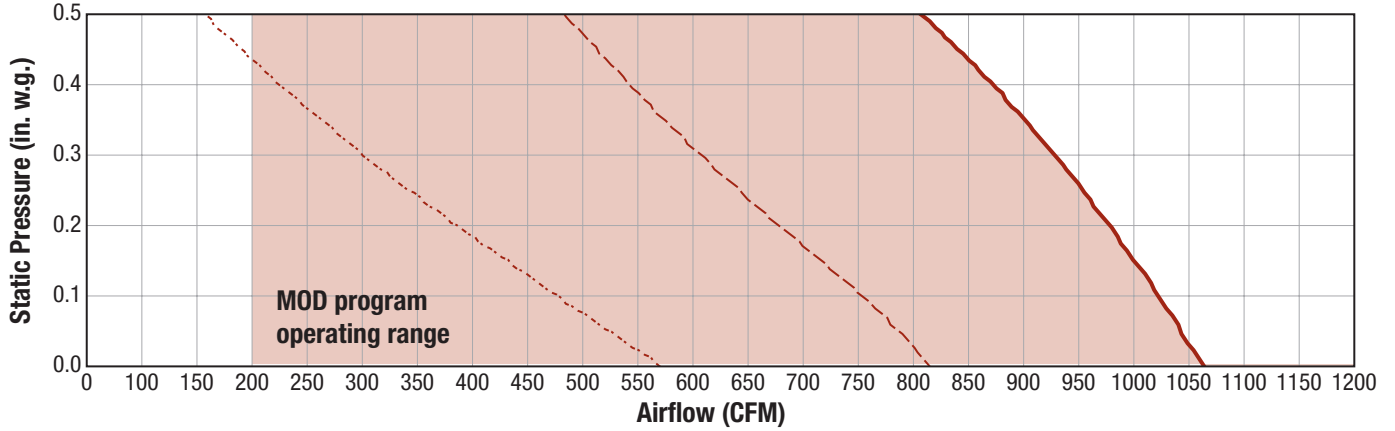
Note:

1. Airflows are based on dry coil conditions with 4 row coil.

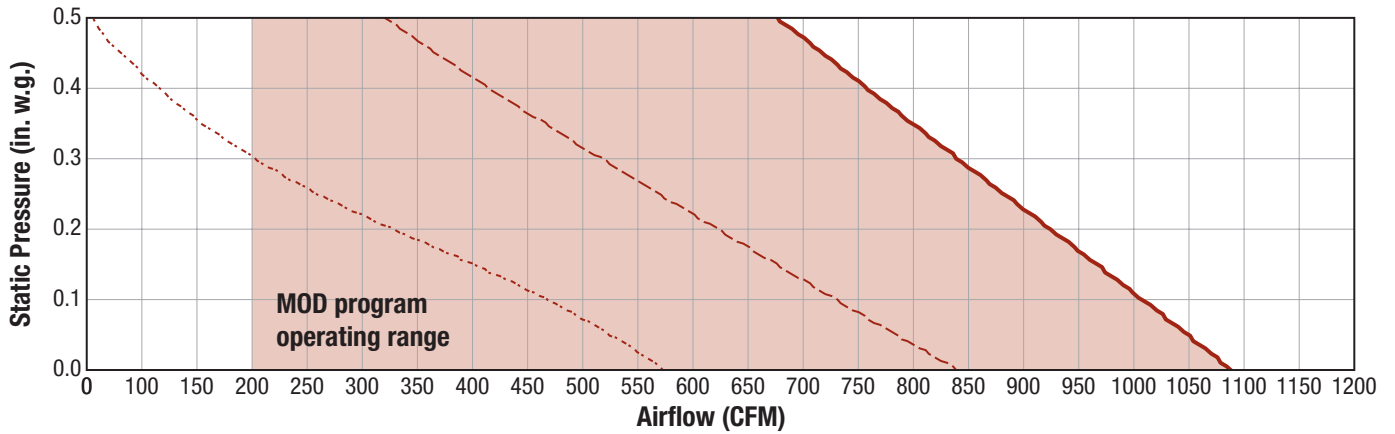
PERFORMANCE DATA

FCH - Fan Performance Curves - Unit size 10

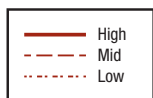
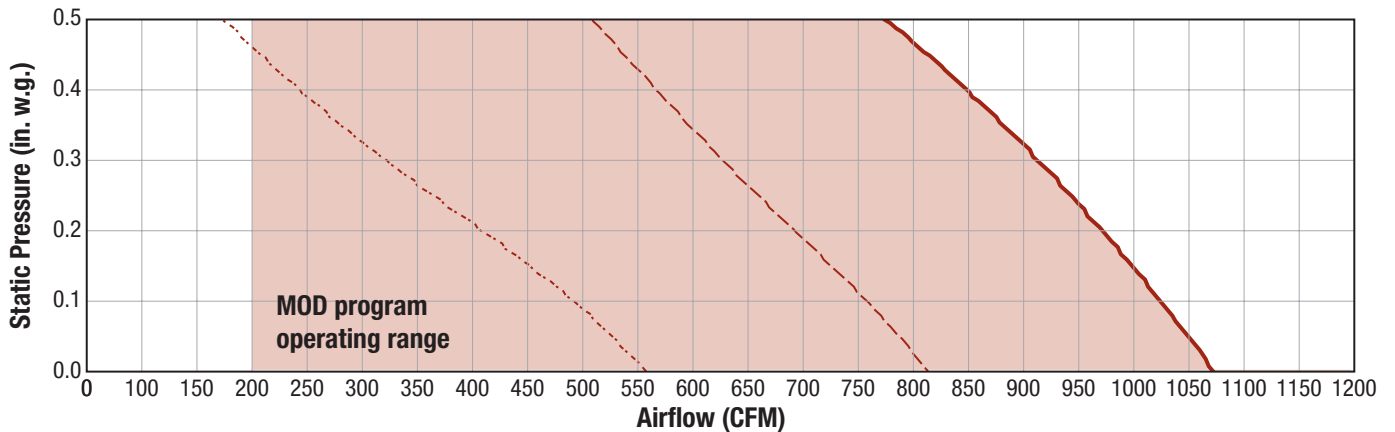
FCHP Size 10



FCHC Size 10



FCHE Size 10

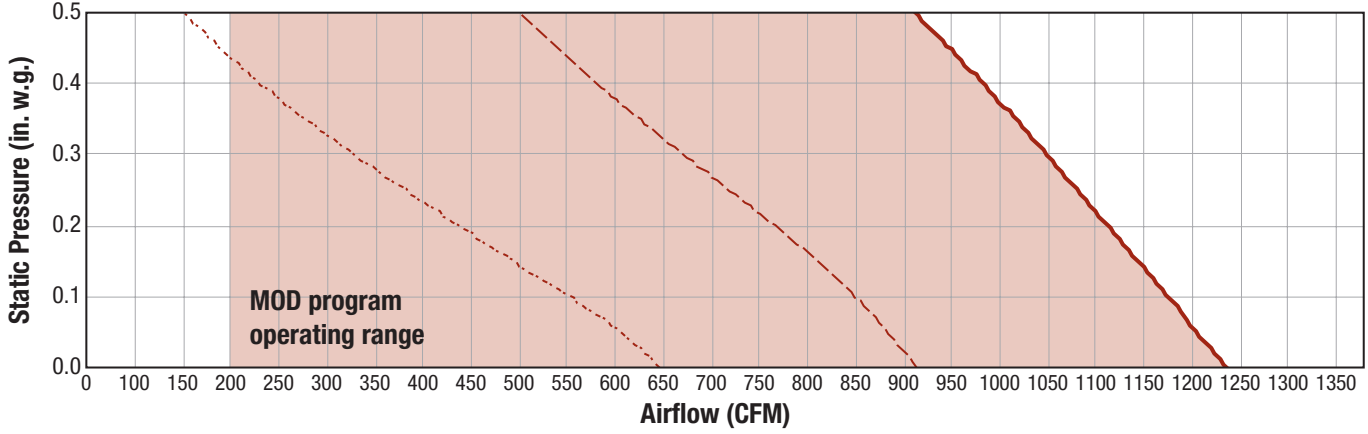


Note:
1. Airflows are based on dry coil conditions with 4 row coil.

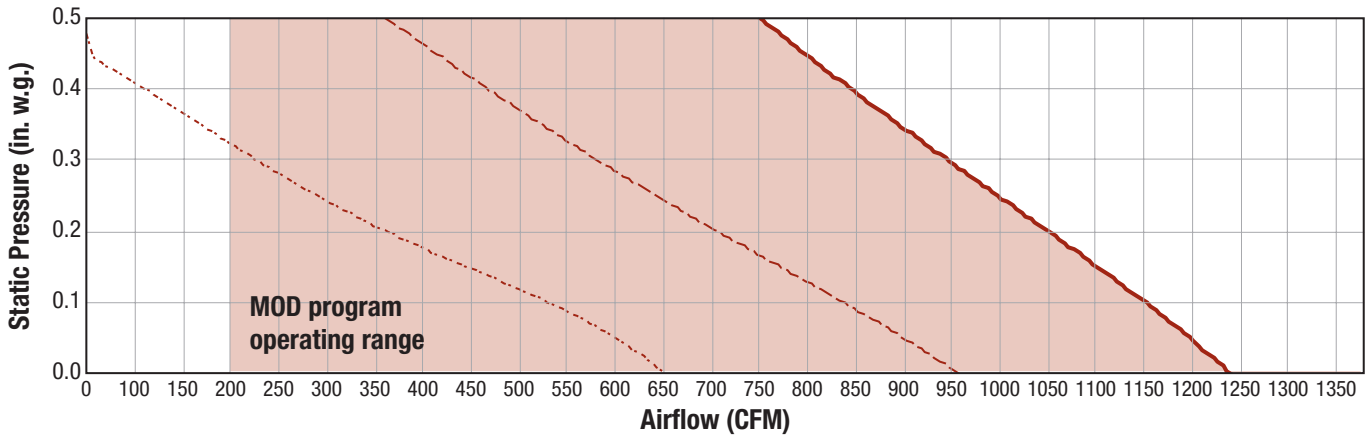
PERFORMANCE DATA

FCH - Fan Performance Curves - Unit size 12

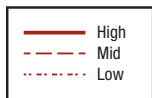
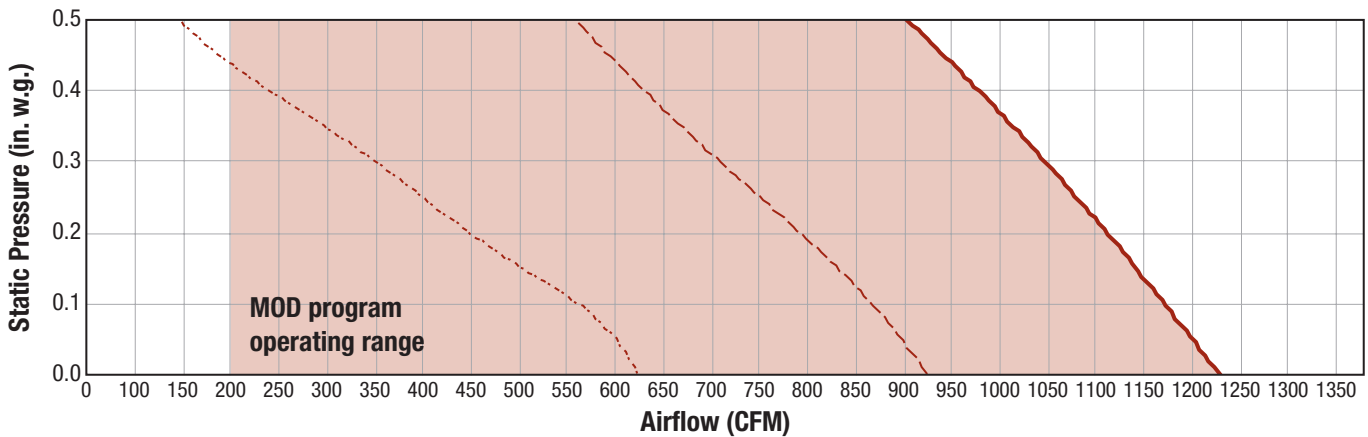
FCHP Size 12



FCHC Size 12



FCHE Size 12



Note:

1. Airflows are based on dry coil conditions with 4 row coil.

PERFORMANCE DATA

FCH - AHRI 440 Certified Standard Ratings Data

Model	Size	Coil		Airflow		Conditions		Cooling Capacity		Flow	WPD	Power Input
		Rows	FPI	Setting	cfm	DB(°F)	WB (°F)	MBH	MBH	gpm	ft w.g.	Watts
FCHC	02	4	10	High	300	80	67	9.83	6.99	2.0	20.9	50
	03				350			10.76	7.81	2.2	2.6	55
	04				475			15.12	10.88	3.0	4.9	63
	06				600			19.77	14.10	4.0	8.5	77
	08				800			24.67	18.00	4.9	4.8	150
	10				1050			33.31	24.15	6.7	9.3	135
	12				1200			34.18	25.41	6.8	2.8	154
FCHE	02	4	10	High	300	80	67	9.83	6.99	2.0	20.9	118
	03				350			10.76	7.81	2.2	2.6	127
	04				475			15.12	10.88	3.0	4.9	154
	06				600			19.77	14.10	4.0	8.5	220
	08				667			22.02	15.69	4.4	4.0	213
	10				1050			33.31	24.15	6.7	9.3	353
	12				1200			34.18	25.41	6.8	2.8	394
FCHP	02	4	10	High	300	80	67	9.83	6.99	2.0	20.9	80
	03				350			10.76	7.81	2.2	2.6	89
	04				475			15.12	10.88	3.0	4.9	106
	06				600			19.77	14.10	4.0	8.5	140
	08				800			24.67	18.00	4.9	4.8	204
	10				1050			33.31	24.15	6.7	9.3	246
	12				1200			34.18	25.41	6.8	2.8	286

Note:

1. Cooling Capacity based on 45°F EWT & 10°F temperature rise. Airflow under dry coil conditions.
2. Motor type is ECM and motor voltage is 115/1/60.
3. FCHC and FCHP tested at 0.05" external static pressure. FCHE tested at 0.0" external static pressure.

PERFORMANCE DATA

FCH - Electrical Performance Data

Model	Size	EC Motor		Fans	Amps			
		HP	Qty	Qty	115/1/60	208/1/60	230/1/60	277/1/60
FCHC	02	1/4	1	1	1.3	0.9	0.9	0.8
	03	1/4	1	1	1.4	1.0	1.0	0.9
	04	1/4	1	2	1.5	1.1	1.1	1.0
	06	1/4	1	2	2.0	1.4	1.4	1.2
	08	1/4	1	2	3.5	2.3	2.3	2.3
	10	1/4	2	4	3.6	2.5	2.5	2.0
	12	1/4	2	4	4.2	2.6	2.6	2.2
FCHE	02	1/4	1	1	2.1	1.7	1.7	1.7
	03	1/4	1	1	2.4	1.9	1.9	1.9
	04	1/4	1	2	2.7	1.8	1.8	1.7
	06	1/4	1	2	3.5	2.3	2.3	2.3
	08	1/4	1	2	3.5	2.3	2.3	2.3
	10	1/4	2	4	6.0	3.9	3.9	3.7
	12	1/4	2	4	7.0	4.6	4.6	4.6
FCHP	02	1/4	1	1	1.5	1.1	1.1	1.1
	03	1/4	1	1	1.6	1.2	1.2	1.1
	04	1/4	1	2	2.0	1.4	1.4	1.3
	06	1/4	1	2	2.8	2.0	2.0	1.7
	08	1/4	1	2	3.5	2.3	2.3	2.3
	10	1/4	2	4	4.8	3.4	3.4	2.8
	12	1/4	2	4	5.6	3.6	3.6	3.1

Note:

1. Test data obtained in accordance with ANSI/AHRI Standard 350-2015.
2. Sound Power levels expressed in decibels (dB) re 10⁻¹² watts.
3. Sound power levels based on FCHE with 115/1/60 volt EC motor, 4 row coil, 1" MERV 8 filter, and 0.0" ESP.

PERFORMANCE DATA

FCH - Heating Coil Capacity

Rows	Size	Airflow	Connection Size	Heating Capacity MBH	LAT	Water	
						GPM	Fluid PD
1	02	300	5/8"	6.6	90.1	0.3	0.1
	03	350	5/8"	8.1	91.1	0.4	0.2
	04	475	5/8"	11.1	91.3	0.6	0.3
	06	600	5/8"	14.1	91.6	0.7	0.6
	08	800	5/8"	19.6	92.5	1.0	1.1
	10	1050	5/8"	26.9	93.6	1.4	2.3
2	12	1200	5/8"	31.6	94.3	1.6	3.2
	02	300	5/8"	15.6	117.6	0.8	1.2
	03	350	5/8"	18.8	119.3	0.9	1.7
	04	475	5/8"	26.4	121.2	1.4	0.4
	06	600	5/8"	34.1	122.4	1.8	0.7
	08	800	5/8"	45.8	122.8	2.4	1.3
	10	1050	5/8"	62.5	124.9	3.2	2.6
12	1200	5/8"	73.4	126.5	3.8	3.8	

Note:

1. Heating Capacity based on 180°F EWT, 40°F water temperature drop, 70°F EAT, and nominal high airflow.

PERFORMANCE DATA

FCHP - Ducted Discharge Sound Power Levels

Unit Size	Fan Speed	cfm	Sound Power Levels, Lw, dB re 10 ⁻¹² Watts							
			Fan Only Octave Band							
			2	3	4	5	6	7	8	
2	High	290	66	58	57	54	51	44	37	
	Medium	240	63	55	54	50	46	40	33	
	Low	190	58	51	50	45	41	34	27	
3	High	350	62	57	56	54	51	45	38	
	Medium	260	57	52	51	48	45	38	32	
	Low	170	51	46	45	41	37	28	26	
4	High	485	65	60	61	58	55	48	41	
	Medium	350	59	54	55	51	47	40	32	
	Low	230	52	48	49	44	39	30	21	
6	High	630	64	60	59	57	55	48	41	
	Medium	420	58	53	53	49	46	38	31	
	Low	240	50	46	45	40	35	26	18	
8	High	800	65	62	62	59	57	51	45	
	Medium	540	59	56	56	52	49	42	35	
	Low	270	51	48	47	43	38	29	20	
10	High	1030	64	63	63	61	59	53	48	
	Medium	750	59	57	57	55	52	45	39	
	Low	460	52	50	50	46	42	34	27	
12	High	1250	64	61	62	59	56	50	43	
	Medium	900	57	55	56	52	48	41	33	
	Low	520	49	47	47	42	37	27	19	

Performance Notes:

1. Test data obtained in accordance with ANSI/AHRI Standard 260-2012.
2. Sound power levels expressed in decibels (dB) re 10⁻¹² watts.
3. Sound power levels based on FCH-CP with 115/160 volt ECM motor, 4 row coils, 0.05 in. ESP.
4. No duct end correction.

PERFORMANCE DATA

FCHP - Casing Radiated Free Inlet Sound Power Levels

Unit Size	Fan Speed	cfm	Sound Power Levels, Lw, dB re 10 ⁻¹² Watts						
			Fan Only Octave Band						
			2	3	4	5	6	7	8
2	High	290	59	57	57	53	48	40	33
	Medium	240	55	54	54	49	43	35	30
	Low	190	51	50	50	45	38	29	26
3	High	350	56	57	56	52	47	40	36
	Medium	260	51	52	52	48	41	34	32
	Low	170	46	47	47	41	33	26	27
4	High	485	61	58	59	55	49	41	36
	Medium	350	55	53	54	49	42	34	28
	Low	230	48	47	49	43	34	26	19
6	High	630	61	59	60	55	49	43	38
	Medium	420	55	53	53	47	41	34	29
	Low	240	47	45	46	38	31	24	18
8	High	800	65	63	61	57	53	48	43
	Medium	540	59	57	56	50	44	38	33
	Low	270	50	48	48	40	33	25	19
10	High	1030	64	63	63	58	54	49	44
	Medium	750	59	57	58	52	47	40	37
	Low	460	51	50	51	44	37	29	27
12	High	1250	63	62	62	57	53	46	42
	Medium	900	57	56	56	51	45	38	33
	Low	520	48	48	48	41	34	25	18

Performance Notes:

1. Test data obtained in accordance with ANSI/AHRI Standard 260-2012.
2. Sound power levels expressed in decibels (dB) re 10⁻¹² watts.
3. Sound power levels based on FCH-CP with 115/160 volt ECM motor, 4 row coils, 0.05 in. ESP.
4. No duct end correction.