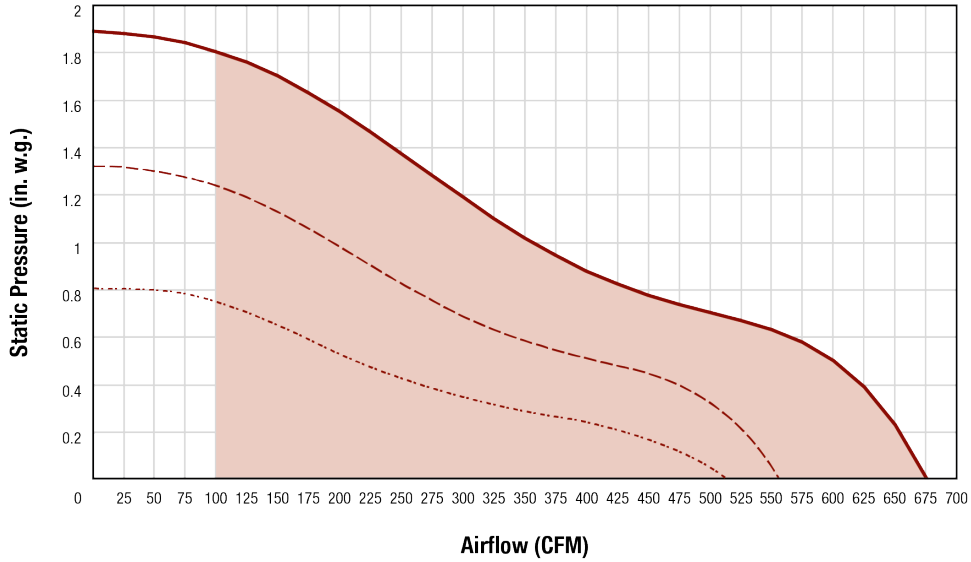


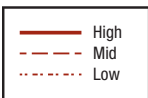
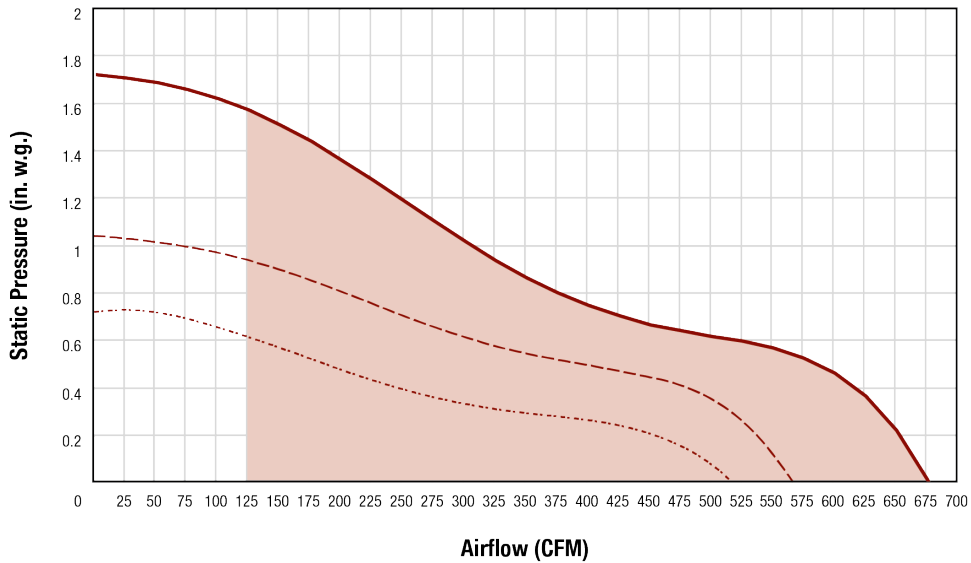
PERFORMANCE DATA

FHP - Fan Performance Curves - Unit Size 06

FHPP Size 6



FHPE Size 6

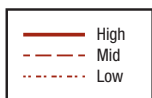
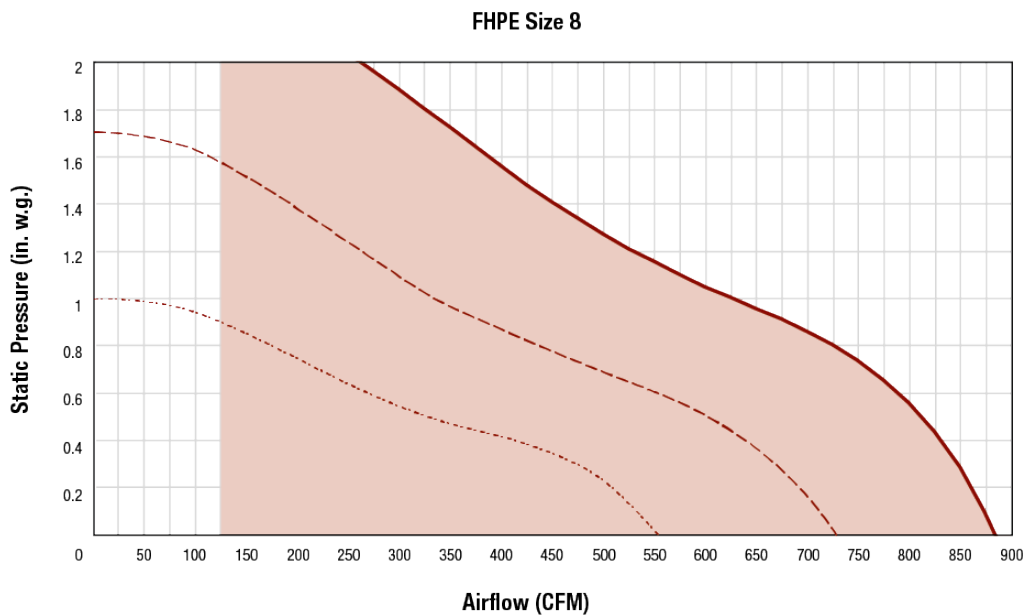
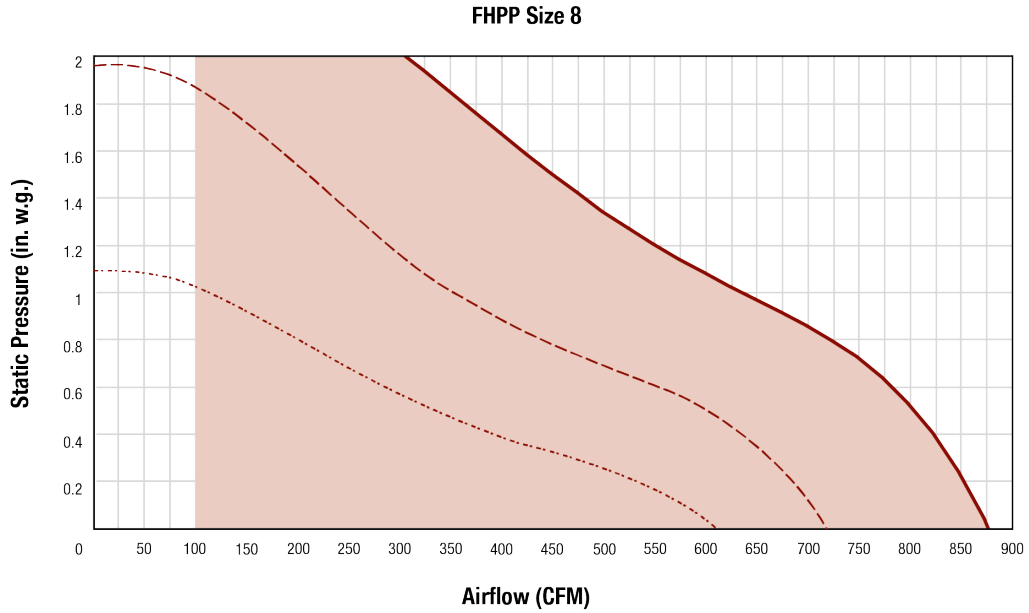


Note:

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

PERFORMANCE DATA

FHP - Fan Performance Curves - Unit size 08



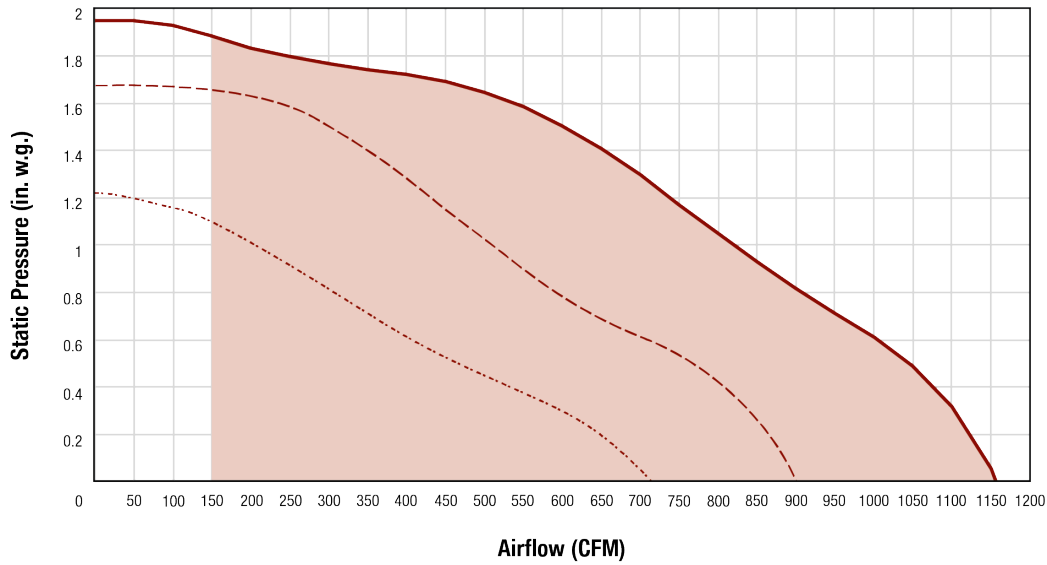
Note:

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

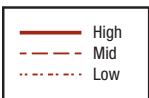
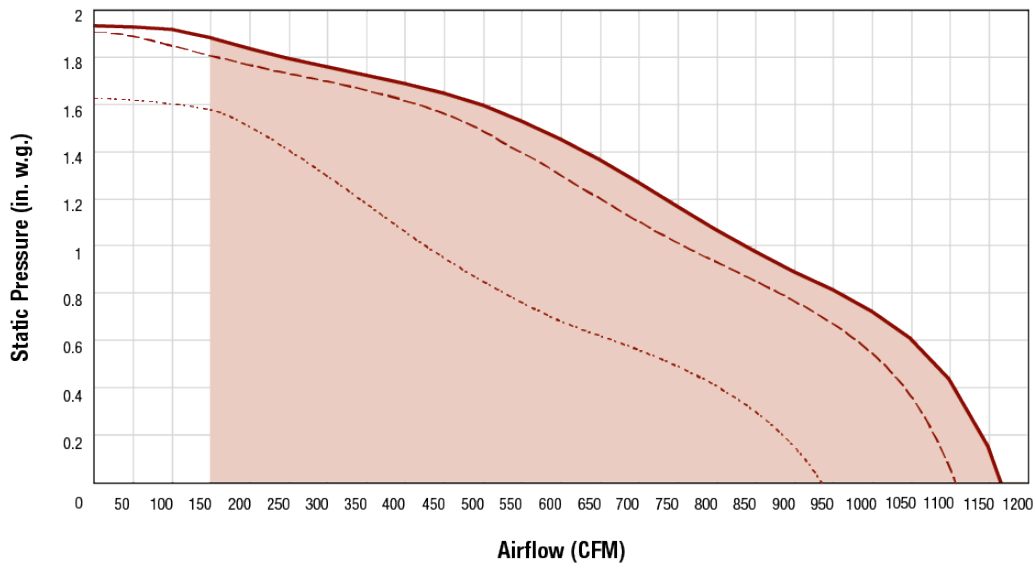
PERFORMANCE DATA

FHP - Fan Performance Curves - Unit size 10

FHPP Size 10



FHPE Size 10

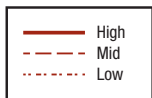
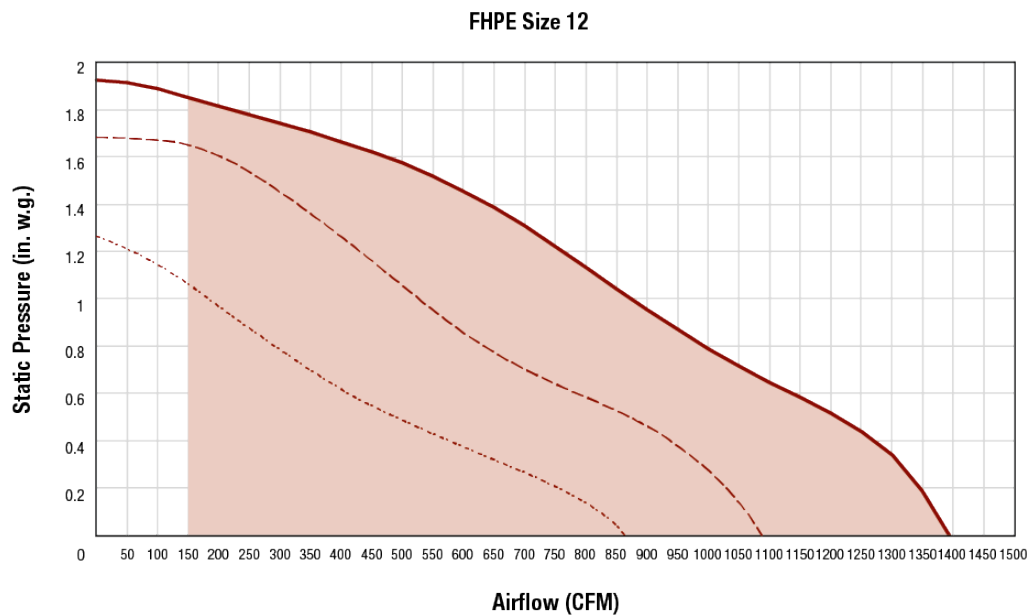
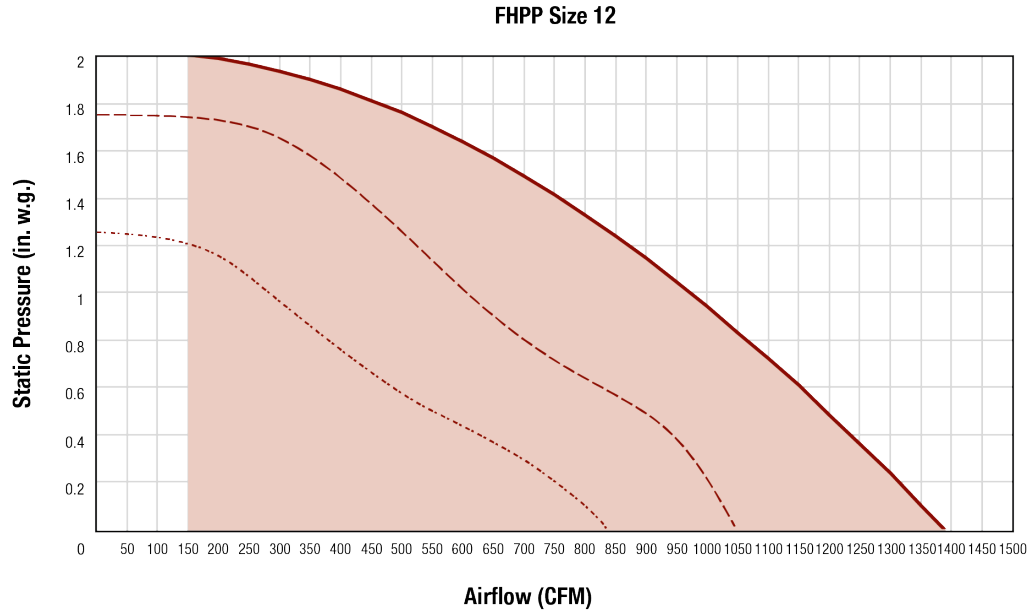


Note:

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

PERFORMANCE DATA

FHP - Fan Performance Curves - Unit size 12



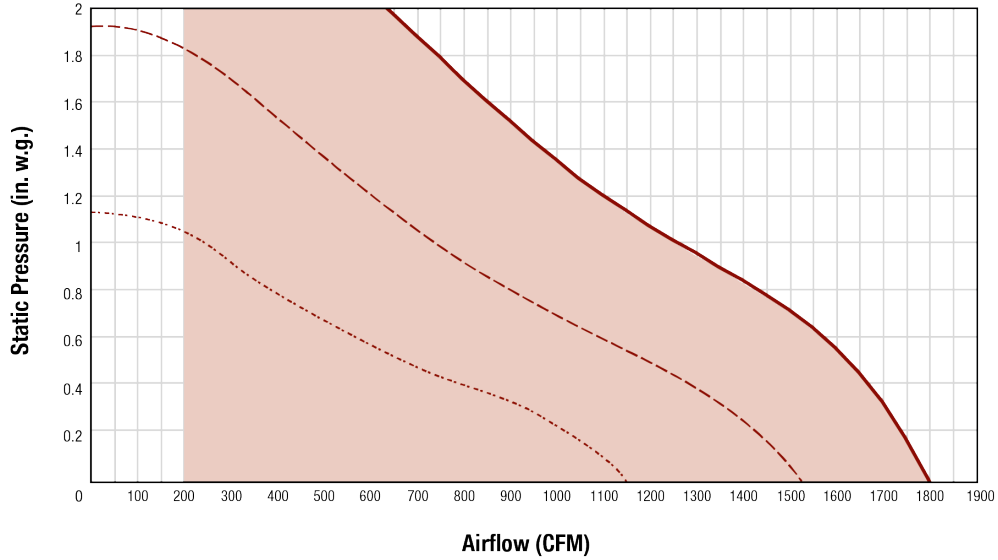
Note:

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

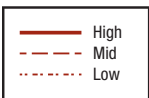
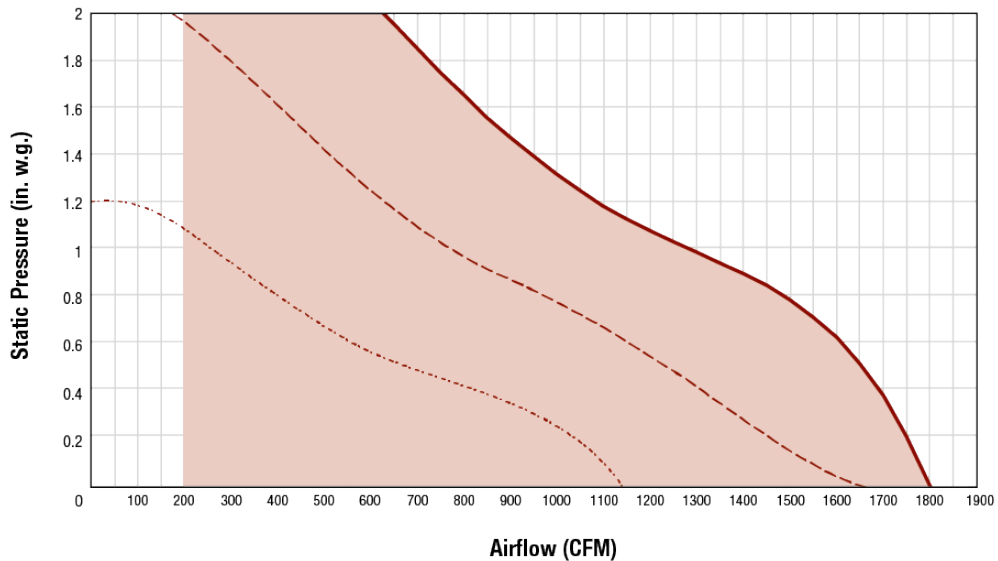
PERFORMANCE DATA

FHP - Fan Performance Curves - Unit size 16

FHPP Size 16



FHPE Size 16

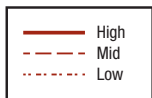
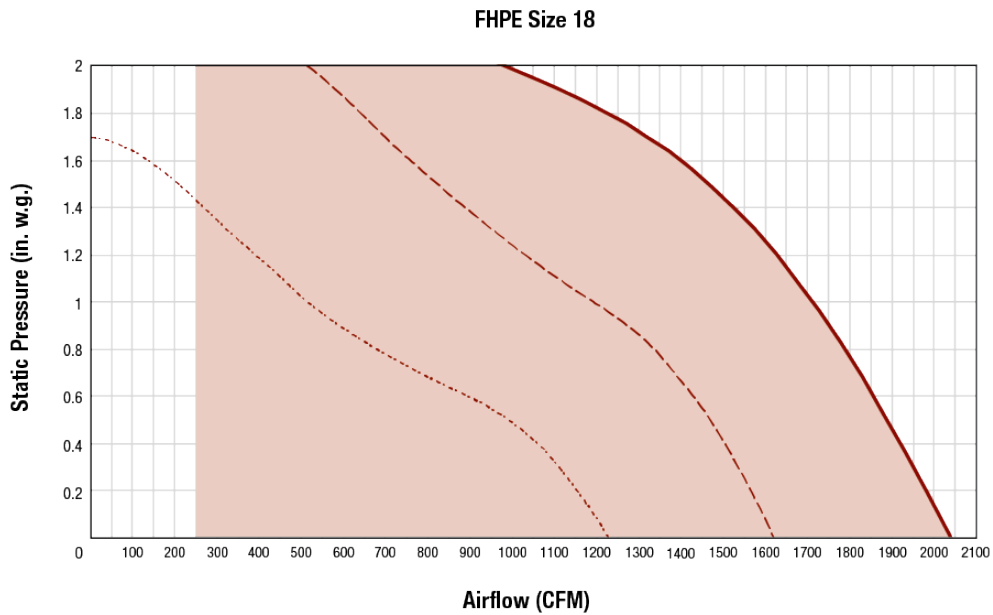
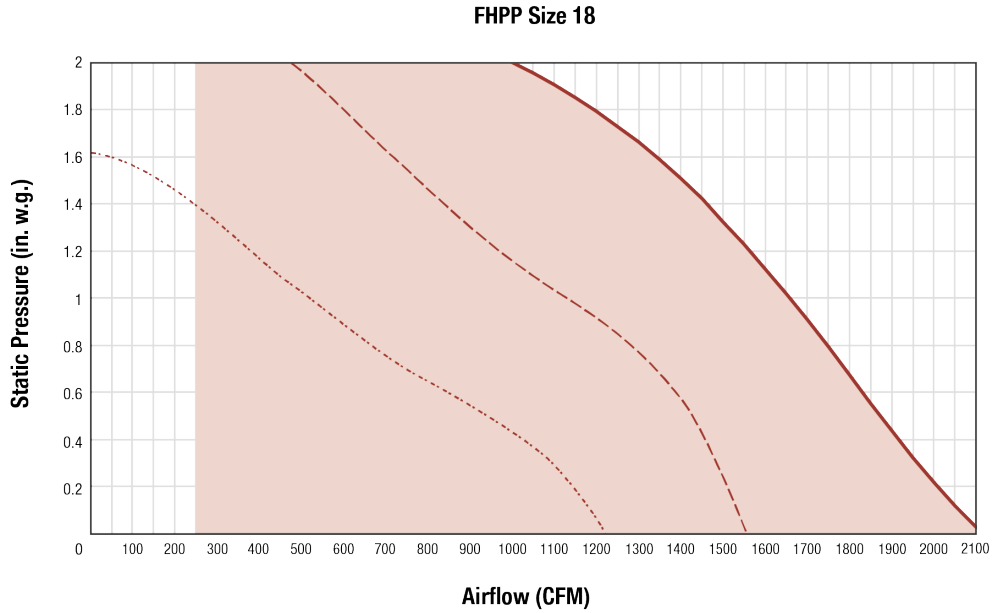


Note:

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

PERFORMANCE DATA

FHP - Fan Performance Curves - Unit size 18

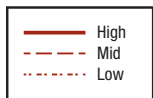
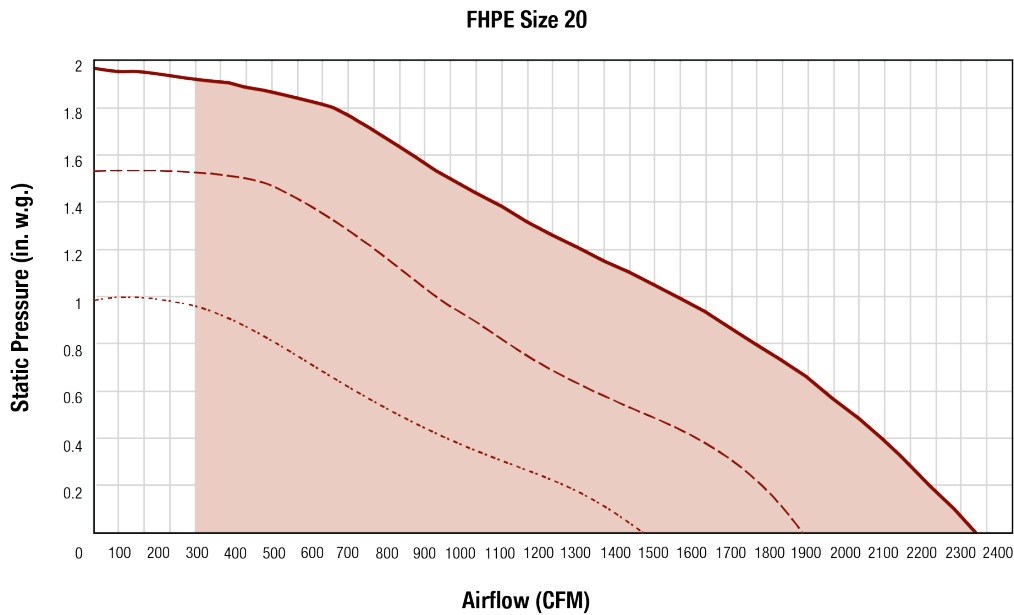
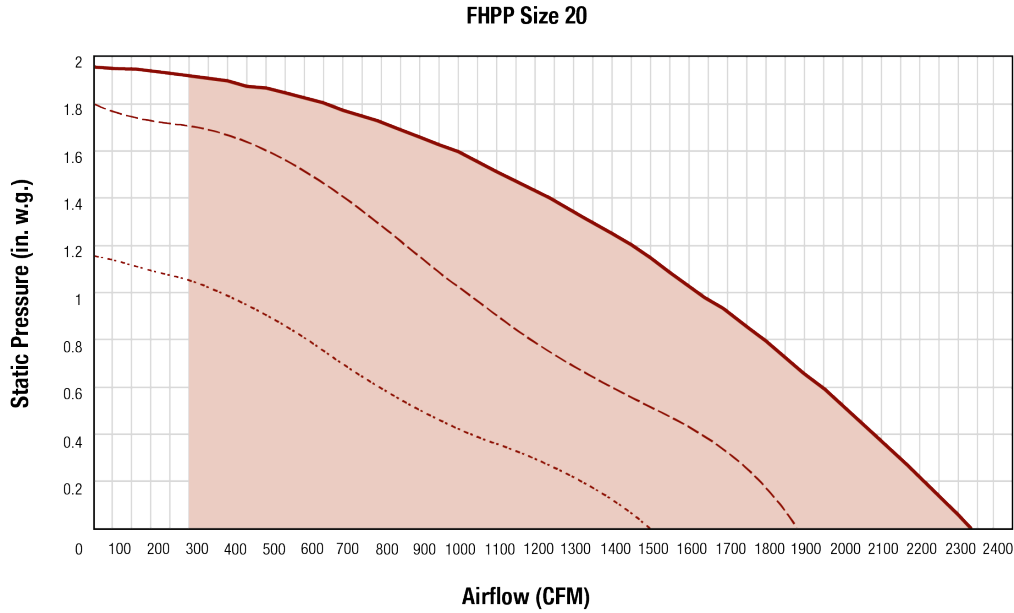


Note:

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

PERFORMANCE DATA

FHP - Fan Performance Curves - Unit size 20

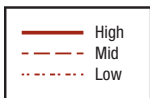
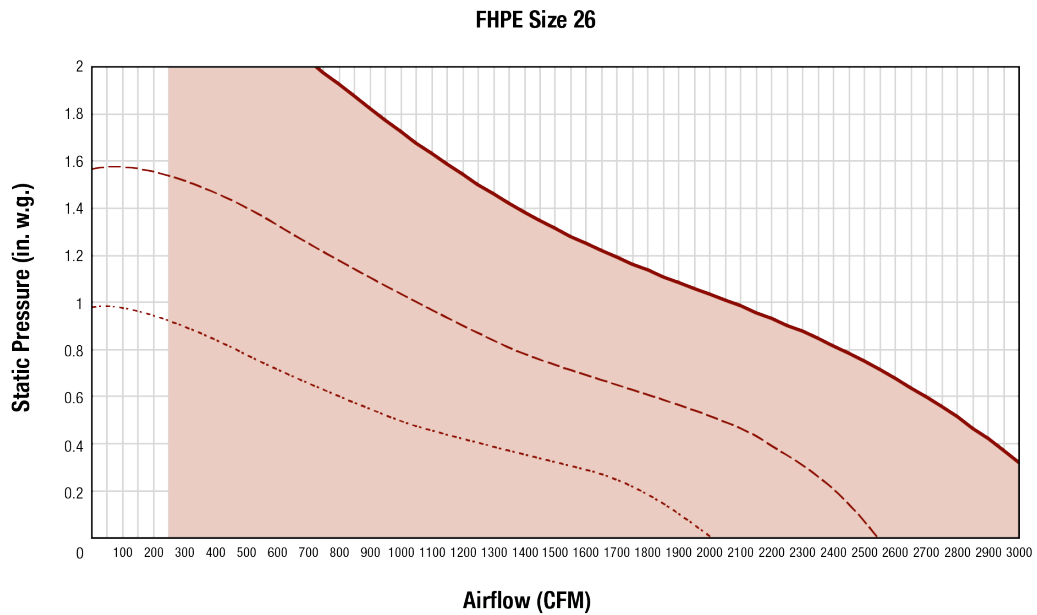
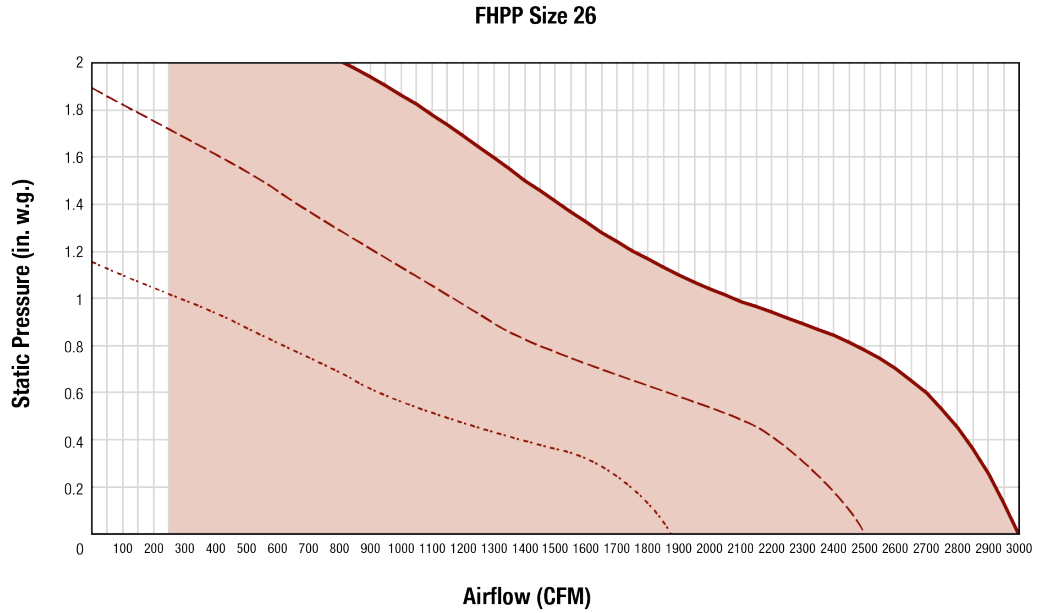


Note:

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

PERFORMANCE DATA

FHP - Fan Performance Curves - Unit size 26



Note:

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

PERFORMANCE DATA

FHP - AHRI 440 Certified Standard Ratings Data

Model	Size	Coil		Airflow, cfm		High/80/67				High/75/63				Power, Watts	
		Rows	FPI	High	Medium	TMBH	SMBH	Flow (GPM)	WPD (ft. w.g.)	TMBH	SMBH	Flow (GPM)	WPD (ft. w.g.)	High	Medium
FHPP	6	4	10	600	480	17908	13094	3.58	9.43	12365	10721	2.47	4.89	117	73
	8			800	640	25004	18047	4.99	18.14	17338	14803	3.47	9.52	186	102
	10			1000	800	28843	21841	5.75	3.92	20893	18405	4.16	2.21	247	139
	12			1200	960	39714	29024	7.93	16.31	27580	23811	5.51	8.55	291	160
	16			1600	1280	50810	38605	10.13	13.04	35442	31744	7.09	6.92	345	207
	18			1800	1440	47122	38635	9.43	13.63	32948	31728	6.57	7.19	561	301
	20			2000	1600	60842	45618	12.14	7.65	42407	37537	8.47	4.04	465	271
	26			2600	2075	67750	56258	13.51	7.07	47567	46404	9.51	3.80	668	371
FHPE	6	4	10	600	480	17980	13094	3.58	9.43	12365	10721	2.47	4.89	128	81
	8			800	640	25004	18047	4.99	18.14	17338	14803	3.47	9.52	204	113
	10			1000	800	28843	21841	5.75	3.92	20893	18405	4.16	2.21	236	135
	12			1200	960	39714	29024	7.93	16.31	27580	23811	5.51	8.55	319	180
	16			1600	1280	50810	38605	10.13	13.04	35442	31744	7.09	6.92	379	230
	18			1800	1440	47122	38635	9.43	13.63	32948	31728	6.57	7.19	660	348
	20			2000	1600	60842	45618	12.14	7.65	42407	37537	8.47	4.04	510	304
	26			2600	2075	67750	56258	13.51	7.07	47567	46404	9.51	3.80	698	381

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. FHPP and FHPE tested at 0.05" external static pressure.

FHP

Horizontal High Performance Fan Coil

PERFORMANCE DATA

FHP - Electrical Performance Data

Model	Size	EC Motor		Fans	Amps			
		HP	Qty	Qty	115/1/60	208/1/60	240/1/60	277/1/60
FHPP	06	1/3	1	1	3.7	2.0	2.0	1.9
	08	1/3	1	1	5.0	2.8	2.8	2.6
	10	1/2	1	1	5.4	3.0	3.0	2.9
	12	1/2	1	1	6.6	3.7	3.7	3.5
	16	1/3	2	2	10.0	5.6	5.6	5.2
	18	3/4	1	1	9.6	6.8	6.8	5.5
	20	1/2	2	2	10.3	5.8	5.8	5.5
	26	3/4	2	2	13.6	9.6	9.6	7.8
FHPE	06	1/3	1	1	5.0	2.8	2.8	2.6
	08	1/3	1	1	5.0	2.8	2.8	2.6
	10	1/2	1	1	5.3	2.9	2.9	2.8
	12	1/2	1	1	6.9	3.9	3.9	3.7
	16	1/3	2	2	10.0	5.3	5.3	5.2
	18	3/4	1	1	9.6	6.8	6.8	5.5
	20	1/2	2	2	11.3	6.3	6.3	6.0
	26	3/4	2	2	12.2	8.7	8.7	7.0

FHP

Horizontal High Performance Fan Coil

PERFORMANCE DATA

FHP - Heating Coil Capacity

Rows	Size	Airflow	Connection Size	Heating Capacity (MBH)	LAT	Water	
						GPM	Fluid PD
1	6	600	0.875	11.1	86.9	0.57	0.07
	8	800	0.875	15.0	87.2	0.77	0.13
	10	1000	0.875	17.2	89.8	0.88	0.18
	12	1200	0.875	24.2	88.5	1.24	0.37
	16	1600	0.875	30.9	87.8	1.59	0.63
	18	1800	0.875	25.0	82.8	1.29	0.51
	20	2000	0.875	39.1	88.0	2.01	1.06
2	26	2600	0.875	39.9	84.2	2.05	1.42
	6	600	0.875	28.0	113.0	1.44	0.69
	8	800	0.875	37.3	113.0	1.92	1.24
	10	1000	0.875	41.7	118.1	2.14	1.62
	12	1200	0.875	59.3	115.6	3.05	3.45
	16	1600	0.875	76.6	114.2	3.94	6.11
	18	1800	0.875	69.4	105.6	3.57	2.10
	20	2000	0.875	96.3	114.4	4.96	10.18
26	2600	0.875	108.3	108.5	5.58	5.70	

Note:

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

PERFORMANCE DATA

FHPP - Ducted Discharge Sound Power Levels

Unit Size	Fan Speed	cfm	Sound Power Levels, Lw, dB re 10 ⁻¹² Watts							
			Fan Only Octave Band							
			63	125	250	500	1000	2000	4000	8000
			1	2	3	4	5	6	7	8
6	High	600	71	67	65	61	61	57	52	42
	Medium	450	67	63	60	57	56	52	45	36
	Low	360	65	59	57	53	52	47	40	32
8	High	800	72	69	67	63	62	59	55	44
	Medium	640	68	65	63	59	59	55	50	39
	Low	480	65	61	59	55	54	50	43	34
10	High	1000	73	71	69	64	64	61	57	46
	Medium	800	69	67	65	60	60	57	52	41
	Low	600	65	62	60	56	55	51	45	35
12	High	1200	71	70	70	65	66	62	59	50
	Medium	960	69	66	65	61	61	58	54	43
	Low	720	66	63	61	57	56	52	46	36
16	High	1600	69	70	70	66	67	63	59	49
	Medium	1280	67	68	66	63	63	59	54	43
	Low	960	65	65	61	59	58	54	47	36
18	High	1800	74	77	72	67	69	65	63	56
	Medium	1440	72	73	68	63	65	61	58	49
	Low	1080	70	69	62	59	60	56	52	42
20	High	2000	75	71	71	67	67	64	60	51
	Medium	1600	72	69	67	63	63	60	55	44
	Low	1200	69	66	63	59	57	54	49	37
26	High	2600	73	74	69	65	66	63	59	49
	Medium	2080	70	69	65	62	62	58	54	42
	Low	1560	66	64	60	57	56	52	47	36

Performance Notes:

1. Test data obtained in accordance with ANSI/AHRI Standard 260-2017.
2. Sound power levels expressed in decibels (dB) re 10⁻¹² watts.
3. Sound power levels based on FHPP with 277/1/60 volt ECM motor, 4 row coils, Merv8 filter, and 0.05 in. ESP.

PERFORMANCE DATA

FHPP - Inlet Sound Power Levels

Unit Size	Fan Speed	cfm	Sound Power Levels, Lw, dB re 10 ⁻¹² Watts							
			Fan Only Octave Band							
			63	125	250	500	1000	2000	4000	8000
			1	2	3	4	5	6	7	8
6	High	600	69	69	66	63	62	54	45	39
	Medium	450	67	65	62	60	57	49	39	33
	Low	360	66	62	59	57	54	45	34	29
8	High	800	68	70	68	64	63	56	48	42
	Medium	640	66	67	64	62	60	52	43	37
	Low	480	66	63	60	58	55	47	37	31
10	High	1000	71	72	67	63	62	57	49	43
	Medium	800	67	68	63	60	58	53	44	38
	Low	600	64	63	59	56	54	47	37	32
12	High	1200	70	72	69	62	61	56	50	44
	Medium	960	68	68	64	58	57	51	45	39
	Low	720	65	63	59	54	51	46	38	33
16	High	1600	67	71	68	65	65	59	51	45
	Medium	1280	65	67	64	63	62	55	46	39
	Low	960	62	63	60	60	57	50	39	33
18	High	1800	75	77	71	64	65	61	55	50
	Medium	1440	73	74	67	61	62	58	50	45
	Low	1080	71	69	62	57	58	52	44	38
20	High	2000	71	74	70	64	63	58	51	45
	Medium	1600	67	70	65	61	59	54	46	39
	Low	1200	64	65	60	57	54	48	39	33
26	High	2600	71	73	67	63	63	58	50	44
	Medium	2080	68	69	63	59	59	54	44	39
	Low	1560	65	64	58	55	54	48	38	34

Performance Notes:

1. Test data obtained in accordance with ANSI/AHRI Standard 260-2017.
2. Sound power levels expressed in decibels (dB) re 10⁻¹² watts.
3. Sound power level based on FHPP with 277/1/60 volt ECM motor, 4 row coils, Merv8 filter, and 0.05 in. ESP.

PERFORMANCE DATA

FHPP - Casing Radiated Sound Power Levels

Unit Size	Fan Speed	cfm	Sound Power Levels, Lw, dB re 10 ⁻¹² Watts							
			Fan Only Octave Band							
			63	125	250	500	1000	2000	4000	8000
			1	2	3	4	5	6	7	8
6	High	600	66	62	56	55	52	46	39	34
	Medium	450	62	57	52	52	47	41	33	29
	Low	360	59	54	49	48	44	37	29	26
8	High	800	62	64	59	60	57	50	41	34
	Medium	640	60	61	55	57	53	45	36	30
	Low	480	58	57	51	53	47	39	31	26
10	High	1000	68	65	60	57	55	49	42	36
	Medium	800	65	61	56	54	51	45	37	32
	Low	600	60	56	51	50	46	39	31	27
12	High	1200	66	64	61	58	57	51	44	36
	Medium	960	64	60	57	55	53	45	38	32
	Low	720	61	56	52	51	47	39	32	27
16	High	1600	68	66	62	58	56	50	42	35
	Medium	1280	64	62	58	55	52	46	38	31
	Low	960	61	57	53	51	47	40	31	26
18	High	1800	66	67	63	56	55	50	42	34
	Medium	1440	65	64	59	53	52	46	38	30
	Low	1080	63	60	54	49	47	41	32	26
20	High	2000	72	67	63	59	57	52	44	37
	Medium	1600	69	64	59	56	53	47	39	33
	Low	1200	65	60	55	53	48	42	33	28
26	High	2600	68	67	64	59	57	51	43	34
	Medium	2080	64	63	60	55	53	46	38	30
	Low	1560	60	58	55	51	47	40	31	25

Performance Notes:

1. Test data obtained in accordance with ANSI/AHRI Standard 260-2017.
2. Sound power levels expressed in decibels (dB) re 10⁻¹² watts.
3. Sound power levels based on FHPP with 277/1/60 volt ECM motor, 4 row coils, Merv8 filter, and 0.05 in. ESP.



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