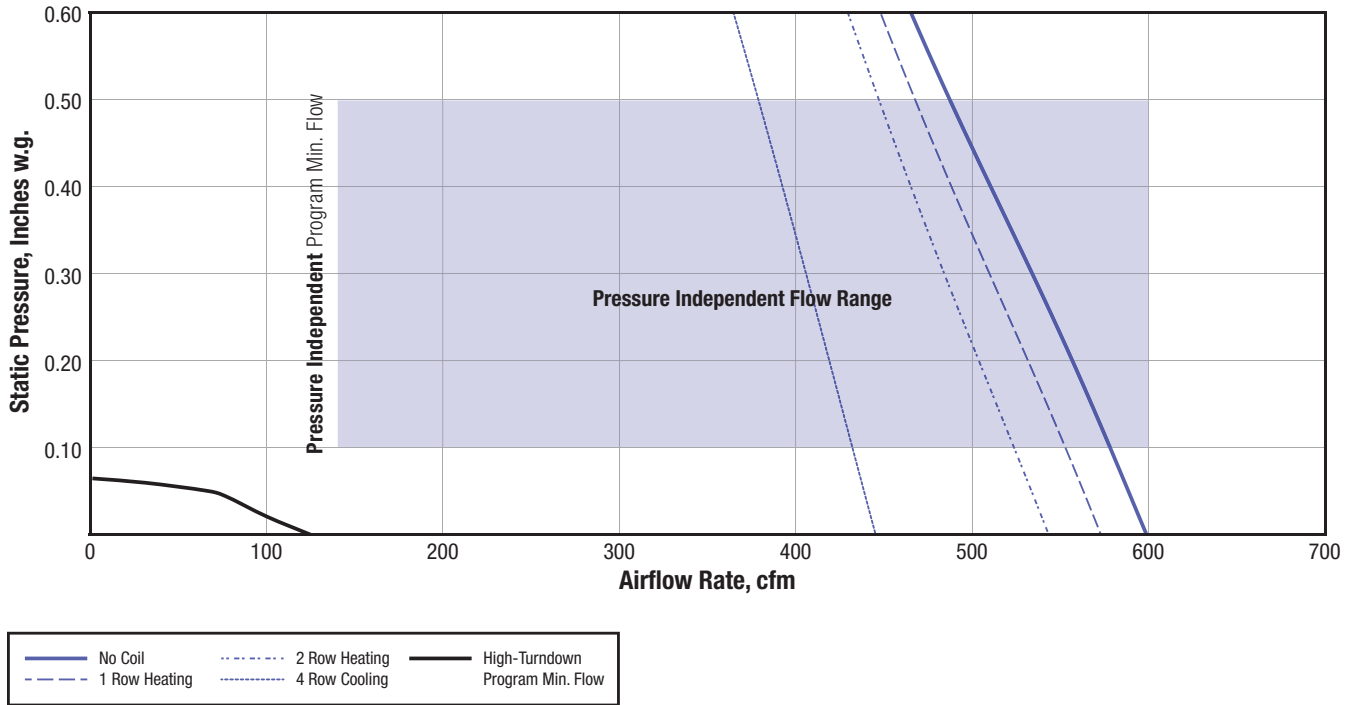
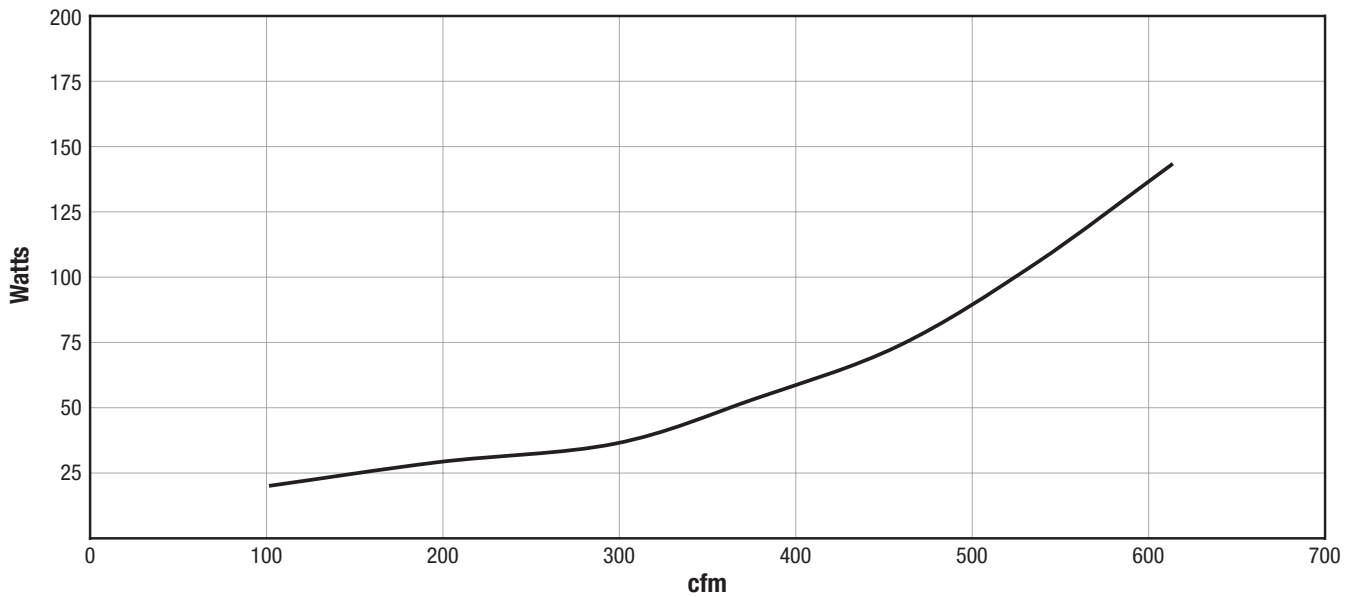


PERFORMANCE DATA

FDU Booster Size 10 ECM



FDU Booster Size 10 ECM – Power Consumption¹

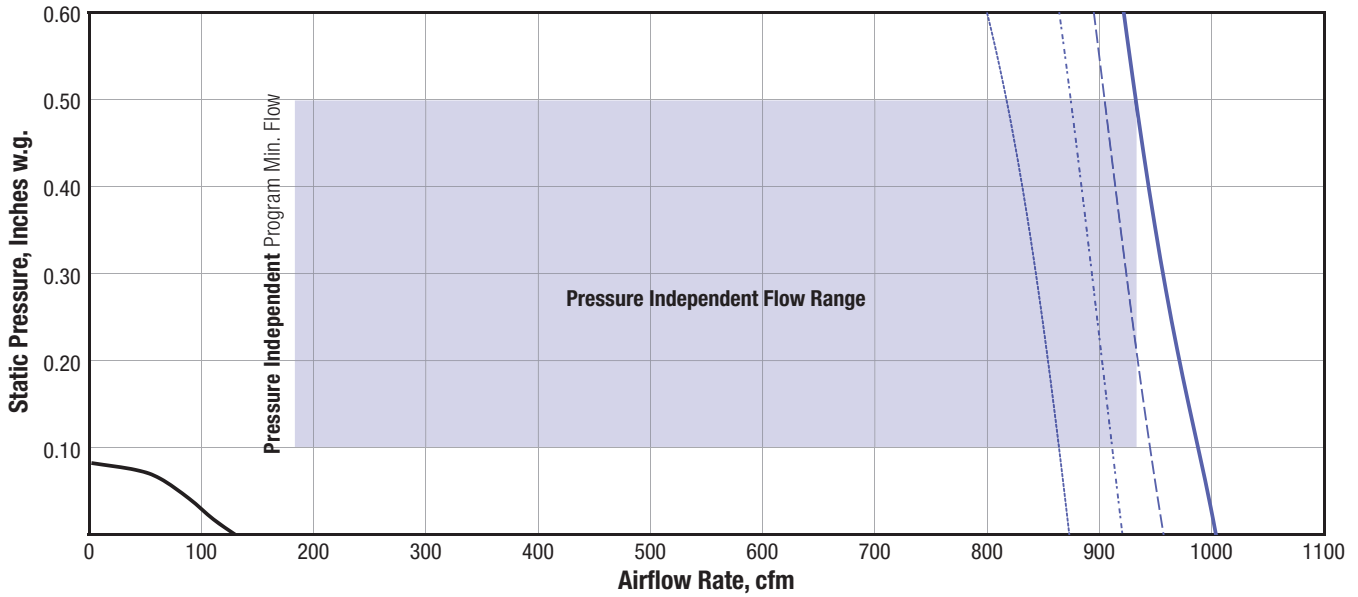


Note:

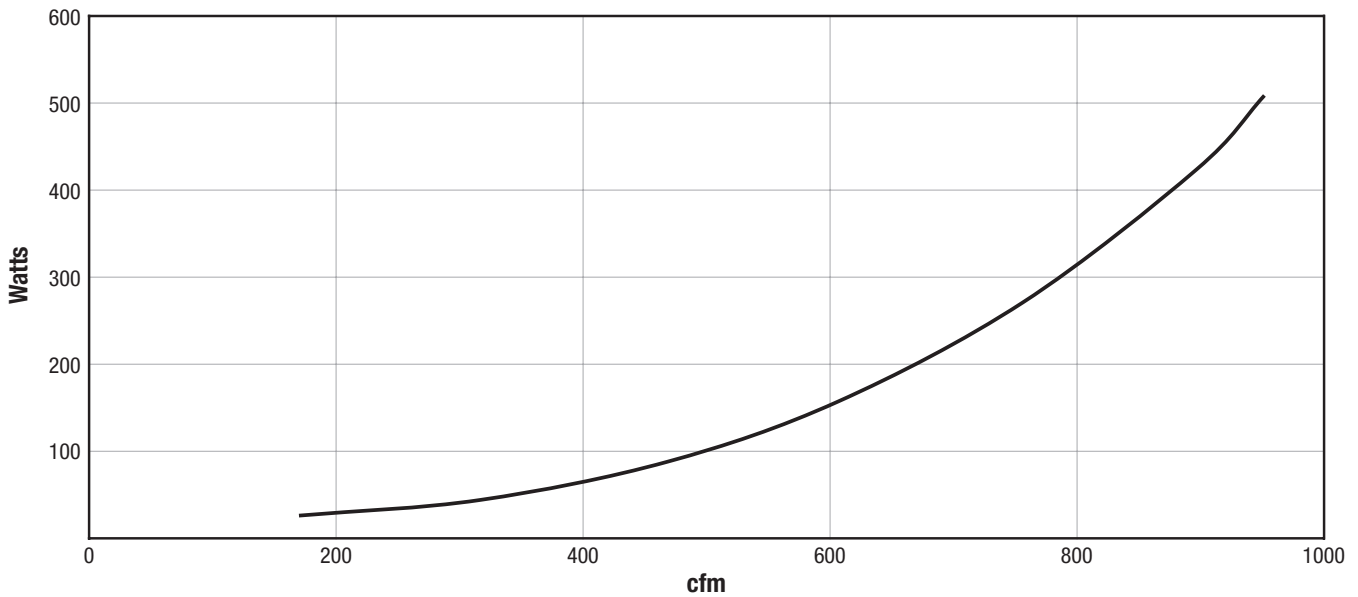
1. Power consumption curves tested at 0.25 in.w.g. and 277V input voltage.

PERFORMANCE DATA

FDU Booster Size 20 ECM



FDU Booster Size 20 ECM – Power Consumption¹

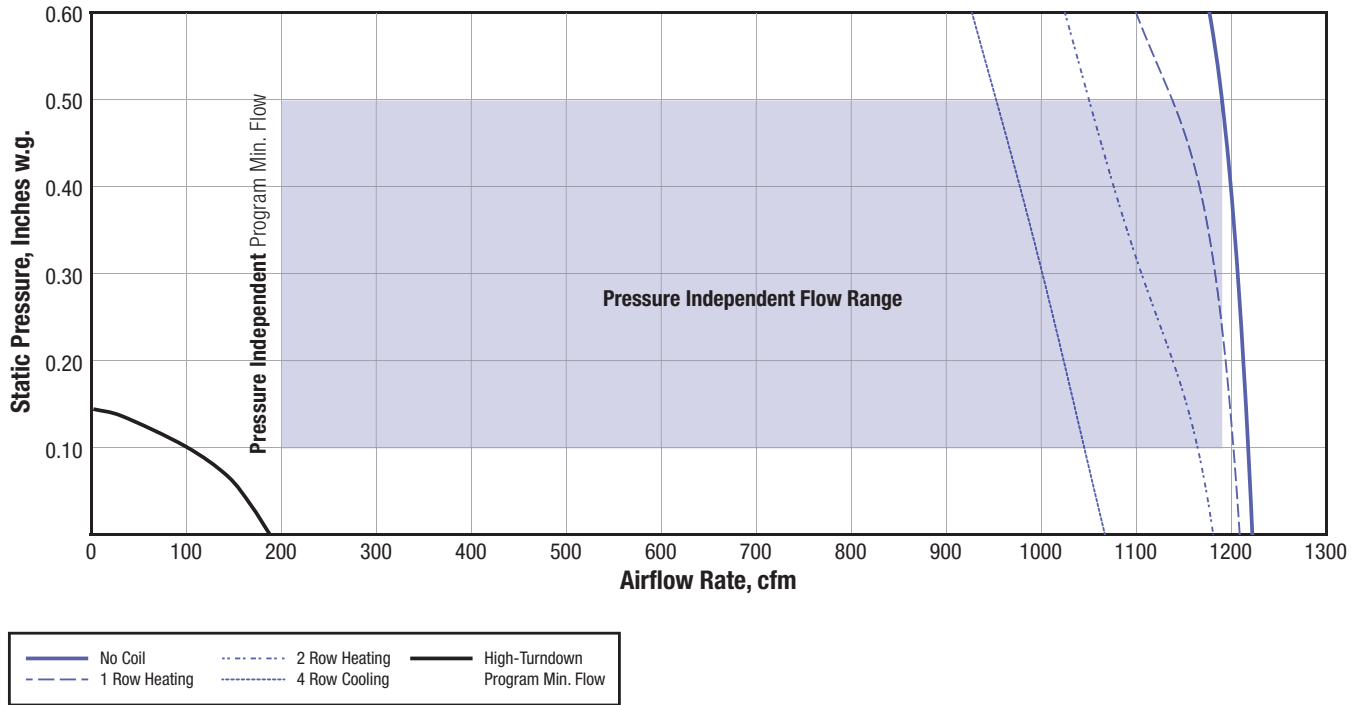


Note:

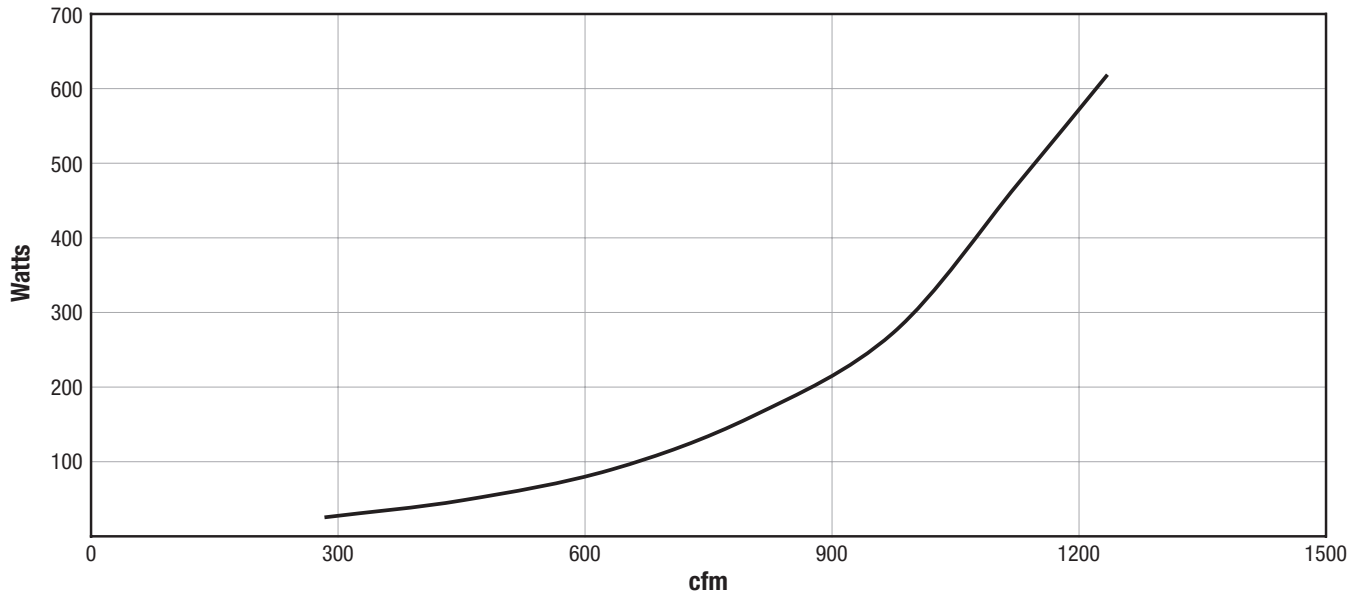
1. Power consumption curves tested at 0.25 in.w.g. and 277V input voltage.

PERFORMANCE DATA

FDU Booster Size 30 ECM



FDU Booster Size 30 ECM – Power Consumption¹

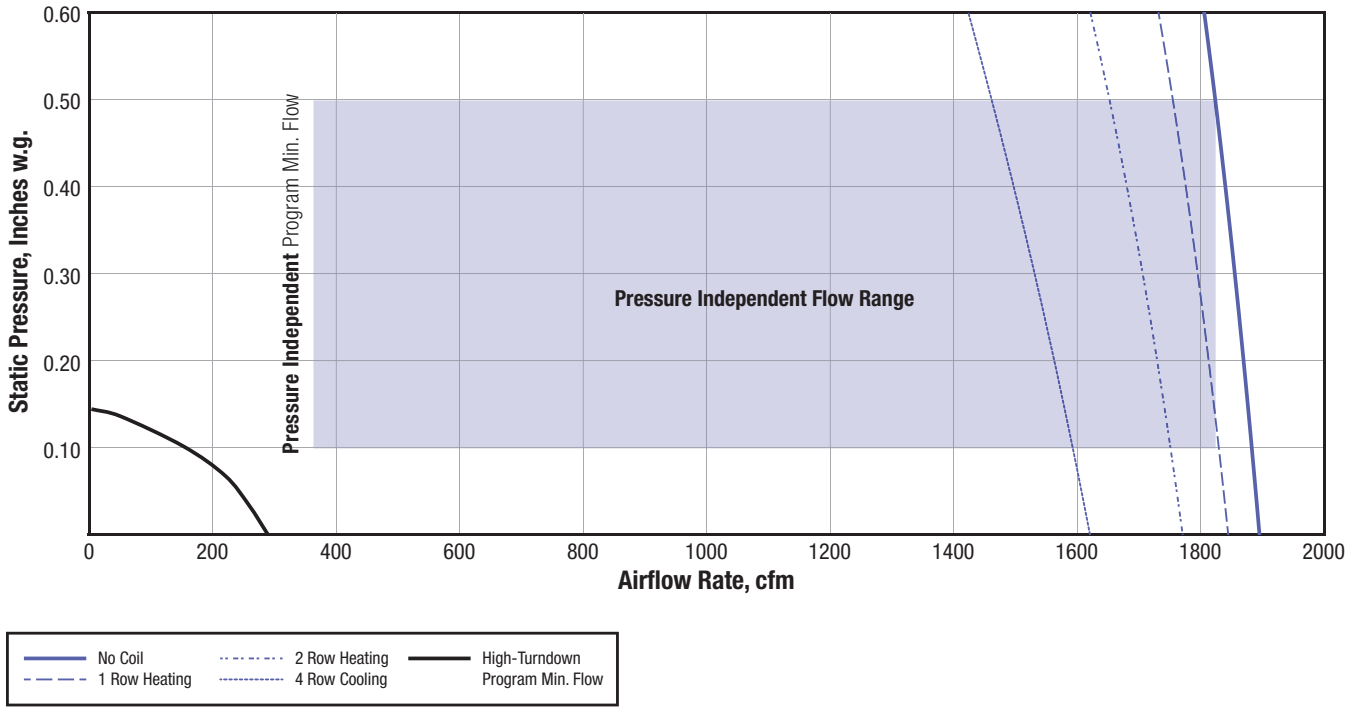


Note:

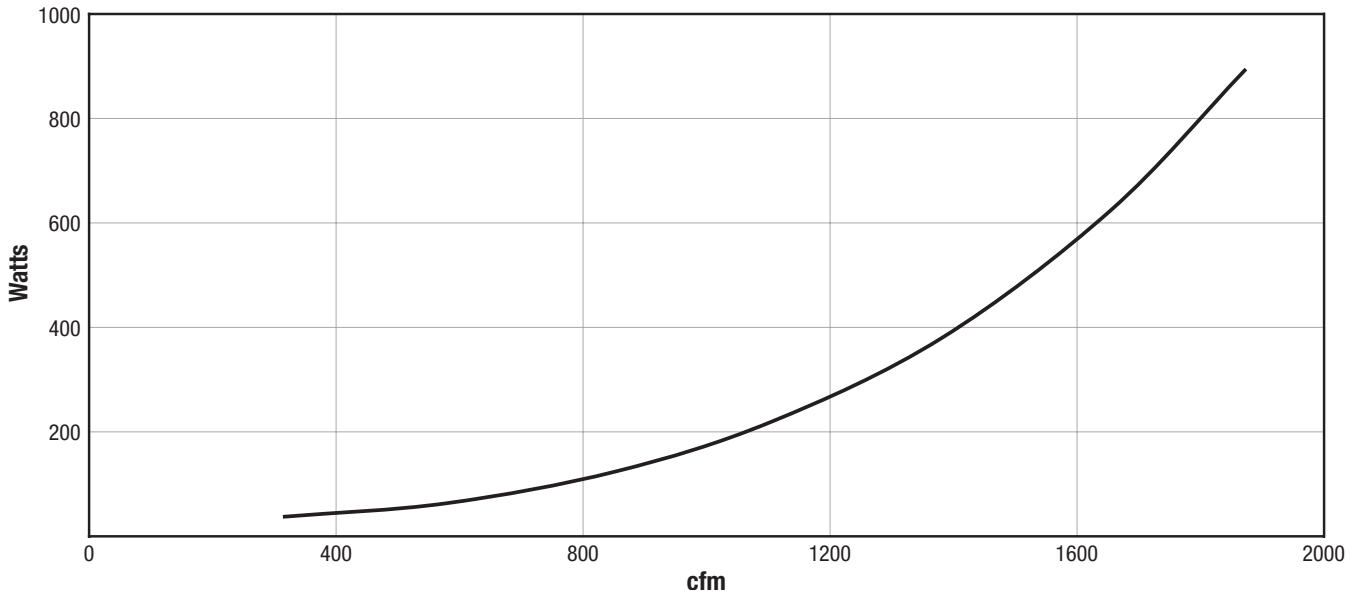
1. Power consumption curves tested at 0.25 in.w.g. and 277V input voltage.

PERFORMANCE DATA

FDU Booster Size 40 ECM



FDU Booster Size 40 ECM – Power Consumption¹

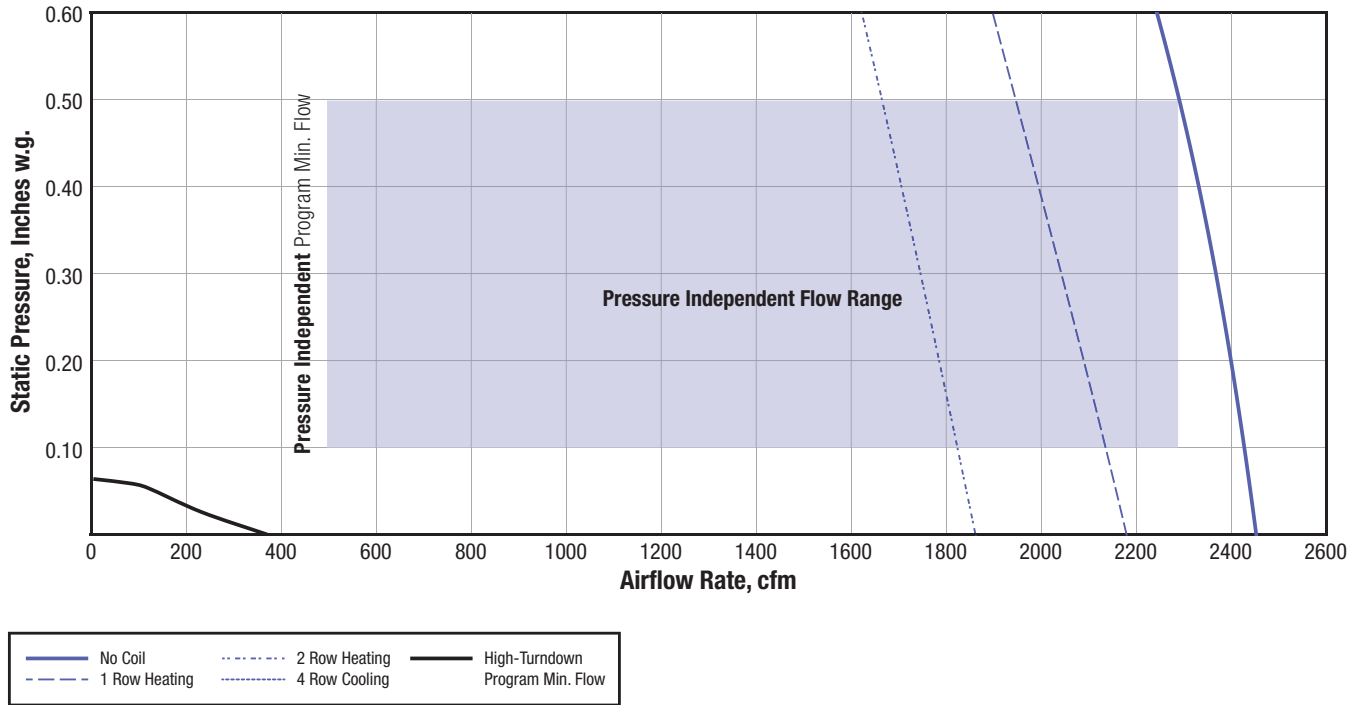


Note:

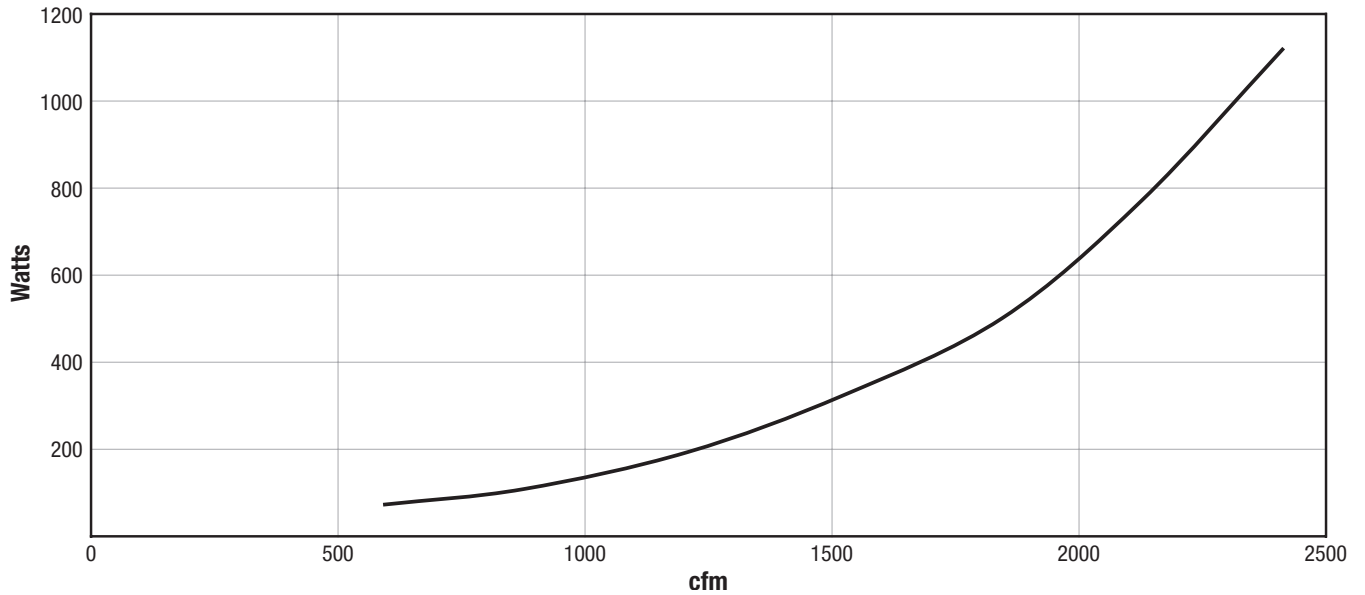
1. Power consumption curves tested at 0.25 in.w.g. and 277V input voltage.

PERFORMANCE DATA

FDU Booster Size 50 ECM



FDU Booster Size 50 ECM – Power Consumption¹

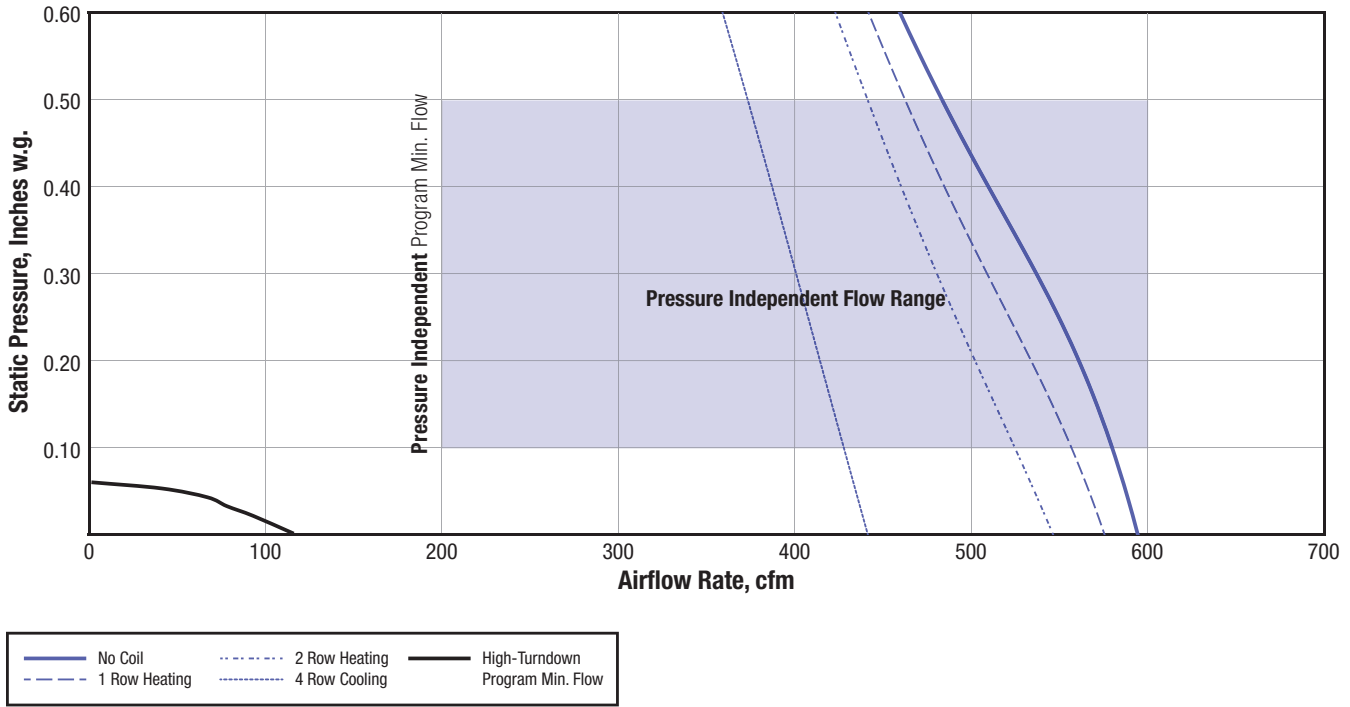


Note:

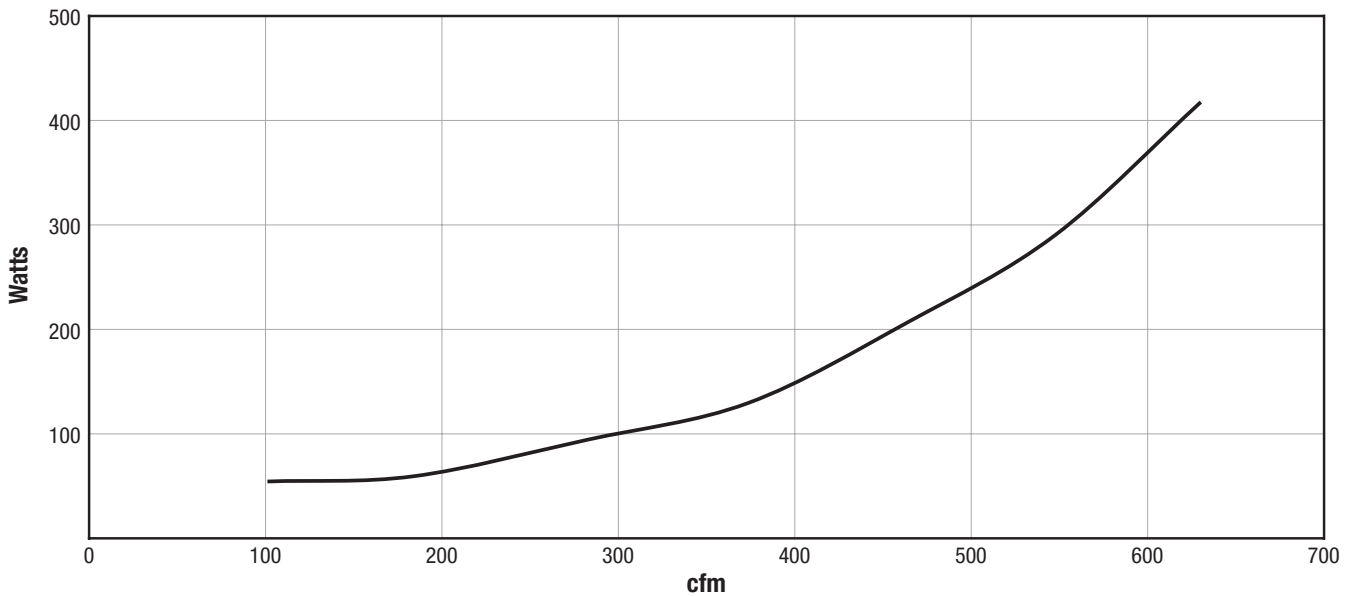
1. Power consumption curves tested at 0.25 in.w.g. and 277V input voltage.

PERFORMANCE DATA

FDU Terminal Size 10 ECM



FDU Terminal Size 10 ECM – Power Consumption¹

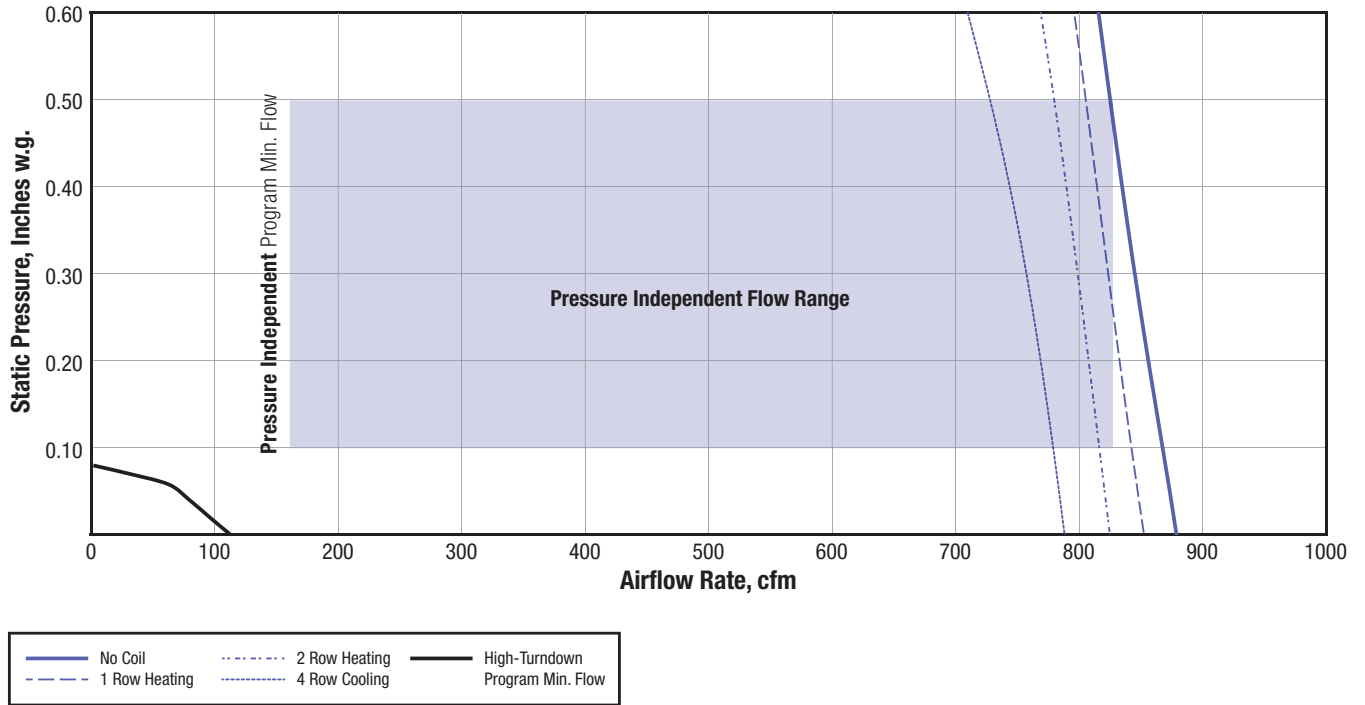


Note:

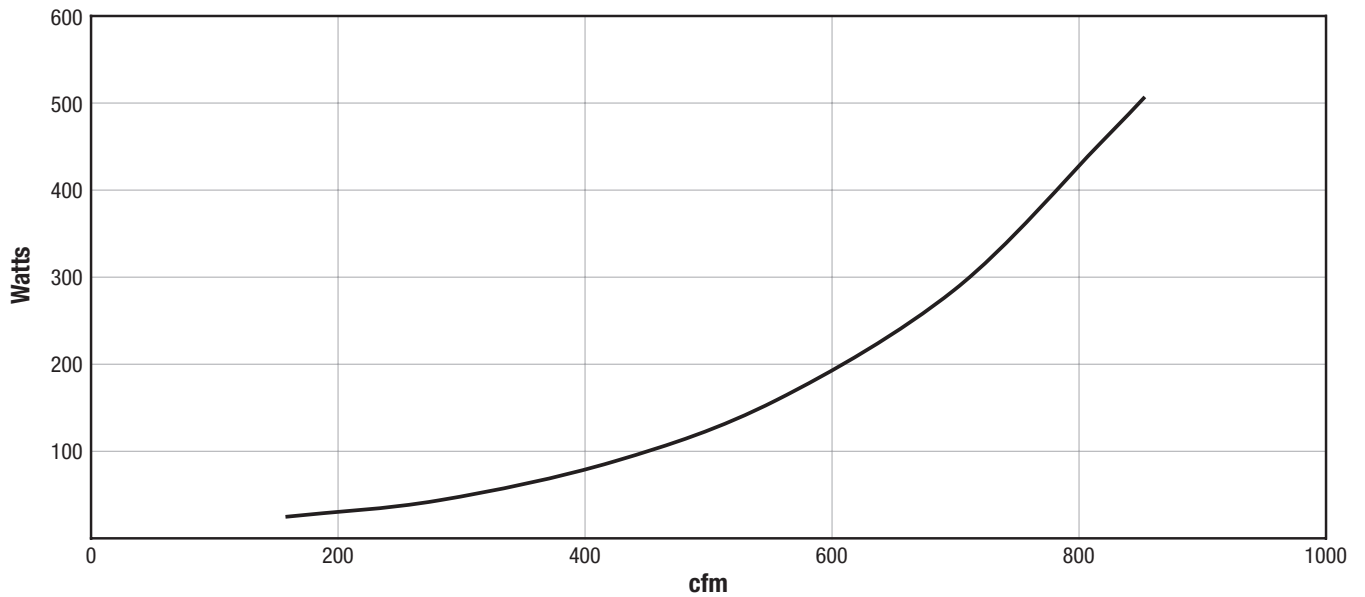
1. Power consumption curves tested at 0.25 in.w.g. and 277V input voltage.

PERFORMANCE DATA

FDU Terminal Size 20 ECM



FDU Terminal Size 20 ECM – Power Consumption¹

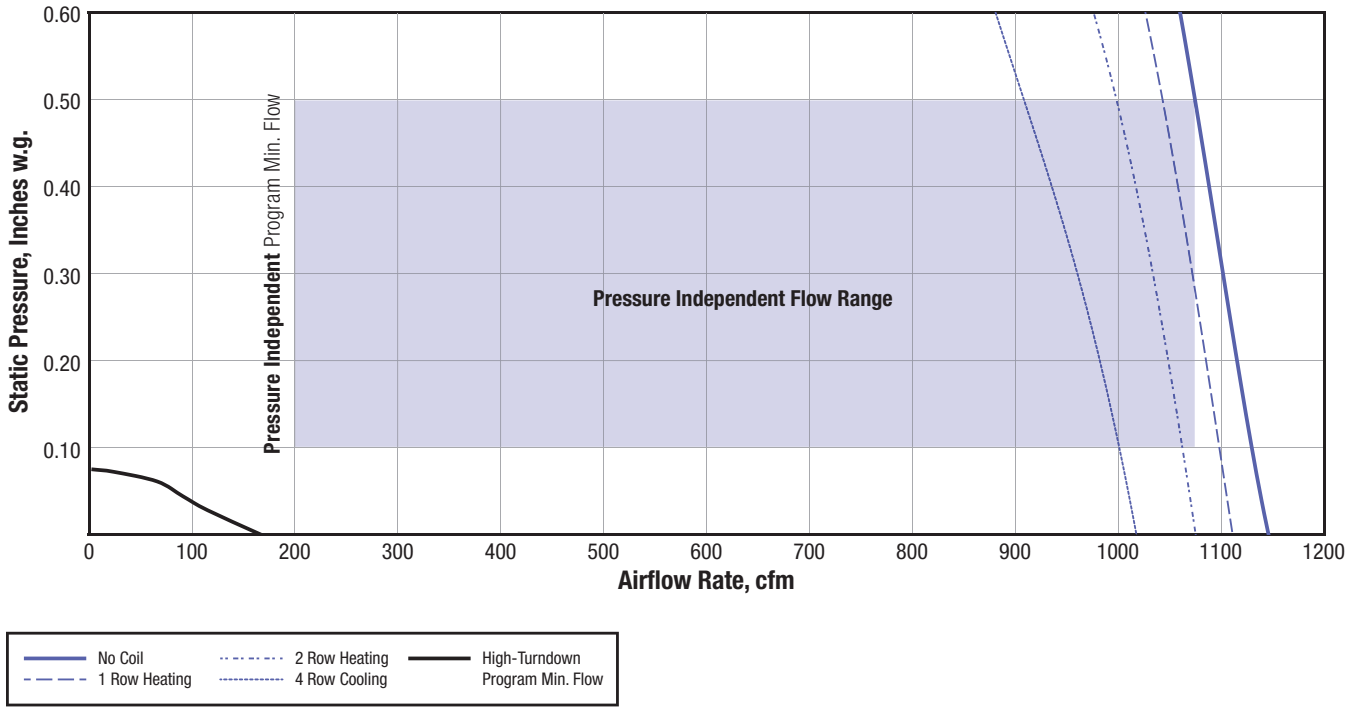


Note:

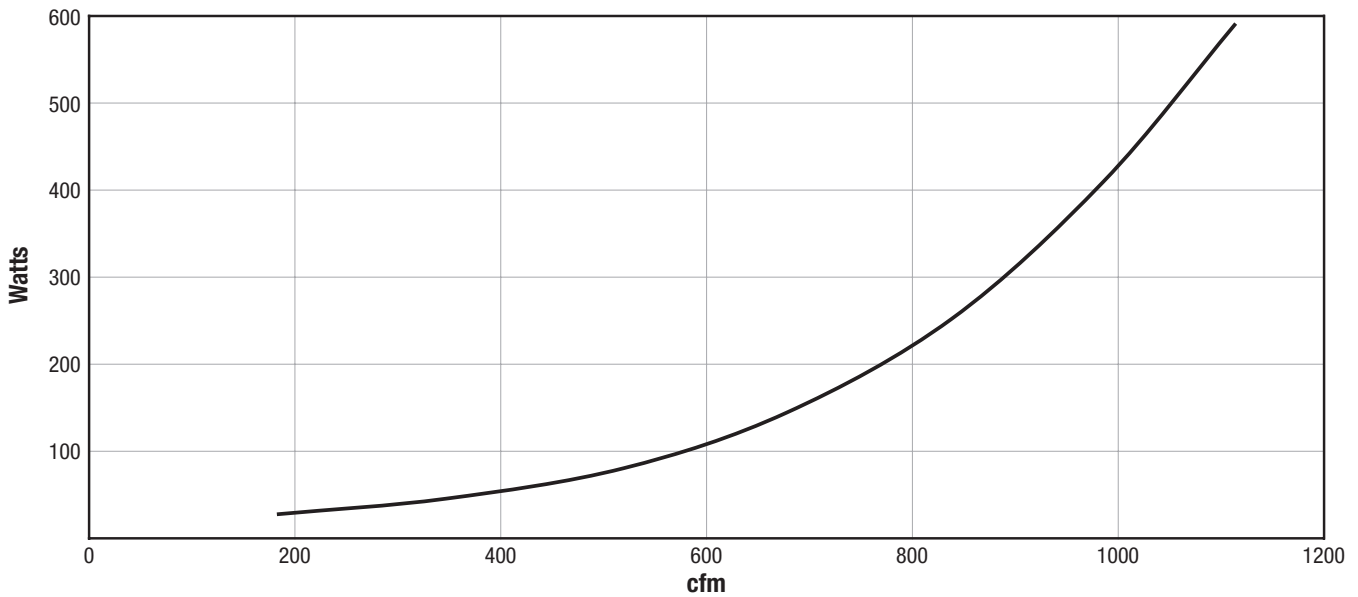
1. Power consumption curves tested at 0.25 in.w.g. and 277V input voltage.

PERFORMANCE DATA

FDU Terminal Size 30 ECM



FDU Terminal Size 30 ECM – Power Consumption¹

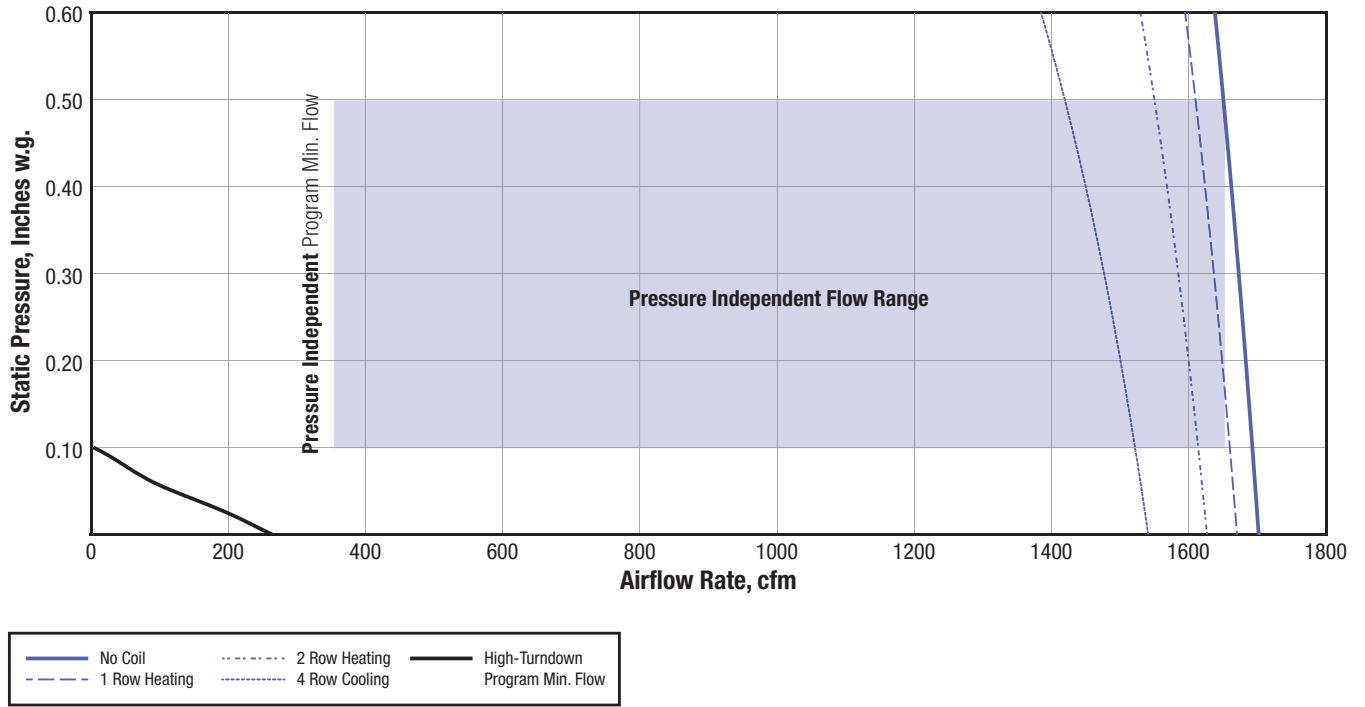


Note:

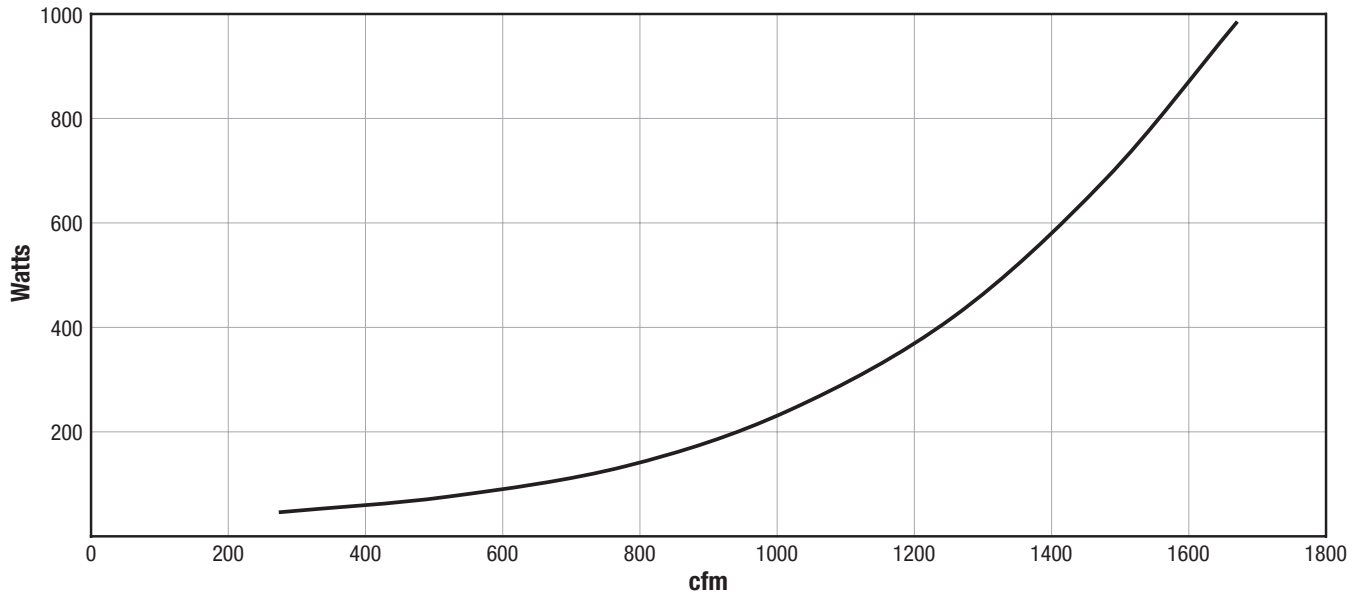
1. Power consumption curves tested at 0.25 in.w.g. and 277V input voltage.

PERFORMANCE DATA

FDU Terminal Size 40 ECM



FDU Terminal Size 40 ECM – Power Consumption¹



Note:

1. Power consumption curves tested at 0.25 in.w.g. and 277V input voltage.

PERFORMANCE DATA

FDU Booster Configuration

ECM Capacities

Unit Size	Fan Airflow (CFM)		Motor HP	Full Load Amps (FLA)			
	Minimum ²	Maximum ³		115V	208V	240V	277V
10	125	600	1/3	2.85	1.87	1.65	1.47
20	130	995	1/3	6.7	4.23	3.73	3.52
30	185	1230	1/2	7.55	5.2	4.59	4.2
40	275	1880	3/4	10.97	7	6.18	5.85
50	375	2400	2 X 1/2	13.33	9.2	8.12	7.49

EC Max KW⁴ – Single Point Power

Unit Size	1 Phase Voltage					3 Phase Voltage		
	120	208	240	277	480	208	480	600 ⁵
10	5.4	8.5	8.5	8.5	8.5	8.5	8.5	DP
20	4.9	9.1	10.6	12	12.5	13.2	13.2	DP
30	4.8	8.9	10.4	12.1	17.1	15.4	17.1	DP
40	4.4	8.5	10	11.7	20.2	14.7	23.7	DP
50	4.1	8	9.5	11.2	19.4	13.9	32.9	DP

EC Max KW⁴ – Dual Point Power

Unit Size	1 Phase Voltage					3 Phase Voltage		
	120	208	240	277	480	208	480	600 ⁵
10	5.7	8.5	8.5	8.5	8.5	8.5	8.5	8.5
20	5.7	9.9	11.5	12	12.5	13.2	13.2	13.2
30	5.7	9.9	11.5	13.2	17.1	17.1	17.1	17.1
40	5.7	9.9	11.5	13.2	23	17.2	25.9	25.9
50	5.7	9.9	11.5	13.2	23	17.2	32.9	32.9

FDU Terminal Configuration

ECM Capacities

Unit Size	Inlet Size	Primary Airflow (CFM)		Fan Airflow (CFM)		Motor HP	Full Load Amps (FLA)			
		Minimum	Maximum	Minimum ²	Maximum ³		115V	208V	240V	277V
10	4"	50	400	115	600	1/3	2.92	1.88	1.66	1.59
	5"	63	500							
	6"	66	550							
20	4"	50	400	110	880	1/3	6.74	4.26	3.76	3.57
	5"	63	500							
	6"	66	550							
30	5"	63	500	165	1150	1/2	7.39	4.72	4.17	4.04
	6"	66	550							
	8"	132	1100							
40	6"	66	550	265	1700	3/4	11.08	7.06	6.23	5.74
	8"	132	1100							
	10"	221	1700 ¹							

EC Max KW⁴ – Single Point Power

Unit Size	1 Phase Voltage					3 Phase Voltage		
	120	208	240	277	480	208	480	600
10	5.4	8.5	8.5	8.5	8.5	8.5	8.5	DP
20	4.9	9	10.6	11.8	11.8	11.8	11.8	DP
30	4.8	9	10.5	12.1	15	15	15	DP
40	4.4	8.5	10	11.7	20.2	14.7	23.7	DP

EC Max KW⁴ – Dual Point Power

Unit Size	1 Phase Voltage					3 Phase Voltage		
	120	208	240	277	480	208	480	600 ⁵
10	5.7	8.5	8.5	8.5	8.5	8.5	8.5	8.5
20	5.7	9.9	11.5	11.8	11.8	11.8	11.8	11.8
30	5.7	9.9	11.5	13.2	15	15	15	15
40	5.7	9.9	11.5	13.2	23	17.2	23.7	23.7

Performance Notes:

1. Maximum primary airflow is limited by maximum fan airflow.
2. Minimum fan airflow is with High Turndown Flow (HTF) motor program
3. Maximum fan airflow values is with base assembly (no coil, no filter) and downstream static pressure of 0.1 in. w.g
4. EC max kW shown is for 1 stage. Up to 3 stage EC is also available.
5. DP means that voltage only offered with dual point power.