Model Series 41V • Performance Data
Electrical Motor Characteristics

Unit Size	Voltage	No. of Fans/ Motors	3-Speed PSC Motor			3-Speed ECM			Proportional ECM		
			HP	FLA	Full Load Watts	HP	FLA	Full Load Watts	HP	FLA	Full Load Watts
3	120 208 230 277	1/1	1/15	1.0 0.5 0.5 0.5	109	1/8	1.1 0.7 0.7 0.7	75	1/4	1.1 0.7 0.7 0.7	50
4	120 208 230 277	2/1	1/15	1.1 0.8 0.5 0.9	125	1/8	1.0 0.7 0.7 0.7	72	1/4	1.0 0.7 0.7 0.7	65
6	120 208 230 277	2/1	1/6	1.9 1.0 1.0 1.0	223	1/4	1.8 1.3 1.3 1.3	135	1/4	1.8 1.3 1.3 1.3	80
8	120 208 230 277	2/1	1/6	2.0 1.0 1.1 1.1	227	1/4	2.2 1.5 1.4 1.3	141	1/4	2.2 1.5 1.4 1.3	120
10	120 208 230 277	3/2	1/6 & 1/15	3.2 1.9 2.0 1.7	378	1/8 & 1/4	2.6 1.8 1.7 1.7	207	2 @ 1/4	2.6 1.8 1.7 1.7	175
12	120 208 230 277	4/2	2 @ 1/6	3.5 1.8 1.9 1.8	418	2 @ 1/4	3.0 2.2 2.0 2.1	245	2 @ 1/4	3.0 2.2 2.0 2.1	200

The FLA and watts are shown at the maximum setting for selected motor type and unit size. Refer to SelectWorks selection software for application specific data.

Electric Heat Tables

120 Volt • Single Phase, One Stage

Unit Size	Kilowatt Range			
	1.0	1.5	2.0	3.0
3	X	X	—	—
4	X	X	X	—
6	X	X	X	X
8	X	X	X	X
10	X	X	X	X
12	X	X	X	X

208/240 and 277 Volt • Single Phase, One Stage

Unit Size	Kilowatt Range						
	1.0	1.5	2.0	3.0	4.0	5.0	6.0
3	X	X	—	—	—	—	—
4	X	X	X	—	—	—	—
6	X	X	X	X	—	—	—
8	X	X	X	X	X	—	—
10	X	X	X	X	X	X	—
12	X	X	X	X	X	X	X

Note:

1. Electric heat voltage must be the same as motor voltage.
2. A minimum airflow of 70 cfm per kW is required across the coil during heating. Available in the above kW's only. $\Delta T = \frac{kW \times 3160}{CFM}$

   Do not size heaters with leaving air temperature greater than 105°F.
3. Coils are wired to the control panel for a single point electrical connection.
4. The coils listed are restricted to a maximum of 48 amps (with motor) and do not require circuit fusing to meet NEC requirements.