

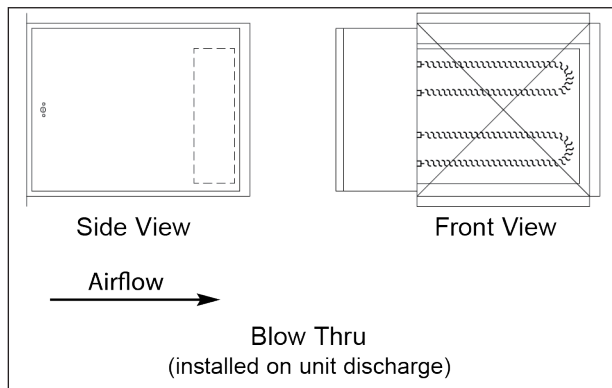
Electric Heat

Standard Features

- » G60 galvanized steel casing
- » Flanged construction for direct unit mounting, in blow-thru configuration
- » Listed for zero clearance installation
- » Meets National Electrical Code requirements
- » Ni-Chrome wire in ceramic insulators
- » Stainless steel element terminals and hardware
- » Element support brackets on maximum 3 1/2" centers
- » Solid cover with continuous full height hinge
- » Overtemperature protection
- » All internal wiring rated for 105°C minimum
- » Airov switch
- » Incoming line power distribution block
- » ETL Listed in compliance with UL/ANSI Standard 1995
- » Single point power connection
- » Heater factory mounted to unit with ETL listing as an assembly

Optional Features

- » Main incoming power disconnect (non-fused) (fused)
- » Fusing (main) (per stage)
- » Magnetic contactors wired for disconnecting operation
- » Solid state relay with 4-20 mA, thermistor 0-135 Ohm, 0-16 VDC, or 6-9 VDC control
- » Fan control package with heater interlock contacts (required for single point power connection)
- » De-rated elements (for longer life)



Heater Amp Calculation	
Voltage	Amps per KW
115/1	8.70
208/1	4.81
230/1	4.35
277/1	3.61
208/3	2.78
230/3	2.51
460/3	1.26
575/3	1.00



1. Non-Fused Door Interlock Disconnect Switch shall be sized according to MCA
2. Fused Door Interlock Disconnect Switch and Main Fusing shall be sized according to MOP
3. Heaters above 480v must utilize one time secondary limits only

ELECTRIC HEAT

Unit Voltage And Phase			Blow-Thru Electric Heat																	
			Unit Size																	
			2		3		4		6		8		10		12		14		17	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max		
Single Phase	115	kW	3	5	3	5	4	5												
		AMPs	26.1	43.5	26.1	43.5	34.8	43.5												
	208	kW	3	9	3	9	4	9	6	9	7	9								
		AMPs	14.4	43.3	14.4	43.3	19.2	43.3	28.8	43.3	33.7	43.3								
	230	kW	3	11	3	11	4	11	6	11	7	11	9	11						
		AMPs	13.0	47.8	13.0	47.8	17.4	47.8	26.1	47.8	30.4	47.8	39.1	47.8						
	277	kW	3	13	3	13	4	13	6	13	7	13	9	13						
		AMPs	10.8	46.9	10.8	46.9	14.4	46.9	21.7	46.9	25.3	46.9	32.5	46.9						
Three Phase	208	kW	3	13	3	16	4	16	4	16	7	16	9	16	12	16	14	16		
		AMPs	8.3	36.1	8.3	44.4	11.1	44.4	11.1	44.4	19.4	44.4	25.0	44.4	33.3	44.4	38.9	44.4		
	230	kW	3	13	3	18	4	18	4	18	7	18	9	18	12	18	14	18	16	18
		AMPs	7.5	32.6	7.5	45.2	7.5	45.2	10.0	45.2	10.0	45.2	17.6	45.2	30.1	45.2	35.1	45.2	40.2	45.2
	460	kW	3	13	3	20	4	26	4	26	7	38	9	38	12	38	14	38	16	38
		AMPs	3.8	16.3	3.8	25.1	5.0	32.6	5.0	32.6	8.8	47.7	11.3	47.7	15.1	47.7	17.6	47.7	20.1	47.7
	575	kW	3	13	3	20	4	26	4	26	7	46	9	46	12	46	14	46	16	46
		AMPs	3.0	13.1	3.0	20.1	4.0	26.1	4.0	26.1	7.0	46.2	9.0	46.2	12.0	46.2	14.1	46.2	16.1	46.2

Notes:

1. Blow-thru heaters can have a maximum of two stages
2. VFD controllers cannot be supplied with blow-thru heaters
3. Specific kW ratings are available within the ranges shown. Refer to selection program.
4. Heaters above 480v must utilize one time secondary limits only