

EXPLOSION PROOF HEATER SYSTEM



PRODUCT APPLICATION

Specific Systems explosion proof heaters are available for all of our InPac HVAC units and allow heaters to be used in hazardous environments. The heaters are designed for use in an area containing potentially explosive substances, such as petrochemical facilities, paper mills, and sewage treatment plants, in an ambient temperature range from -40°F (-40°C) to 104°F (40°C).

PRODUCT DESCRIPTION

Explosion proof heaters are CSA and C/US approved for Class I, Division 1 & 2, Group C&D; Class II, Division 1 & 2, Groups E, F, & G hazardous areas, with T3B (165°C) temperature code with minimum airflow as indicated per order). The heaters are constructed of extruded copper-free aluminum, and use an explosion proof terminal housing containing element terminations and terminal blocks for field wiring of power supply and thermocouple leads. Heating elements are constructed using electroless nickel-plated, finned tubular carbon steel, and include one stainless steel sheath for connection to certified high limit controller(s) in the control panel.

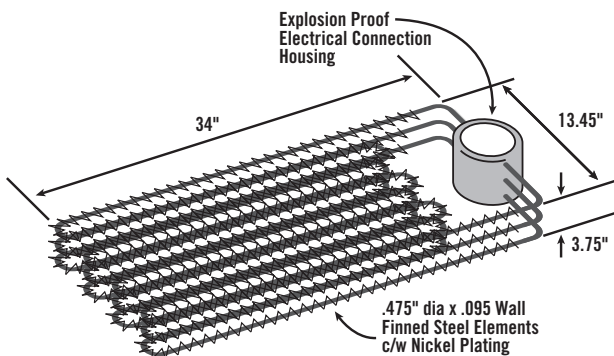
Wiring from the duct heater to control equipment is not provided, and must be performed in accordance with appropriate hazardous location standards.

AVAILABLE OPTIONS

- Multiple Available Voltage Configurations
 - Capacities ranging from 1.6KW – 40KW (See Table Below)
- Please contact Specific Systems about the other available options.



Standard Heat Availability – 460V, 3Ø



To determine Amps @ 240V, multiply given info by _____

To determine Amps @ 565V, multiply given info by _____

Series		1.6KW	5KW	10KW	20KW	30KW	40KW
60	Amps	3.1	5.4	—	—	—	—
	# of Elements	1	1	—	—	—	—
600	Amps	—	—	11.3	22.6	—	—
	# of Elements	—	—	1	2	—	—
6000	Amps	—	—	11.3	22.6	33.9	45.2
	# of Elements	—	—	1	2	3	4
8000	Amps	—	—	11.3	22.6	33.9	45.2
	# of Elements	—	—	1	2	3	4
12000	Amps	—	—	11.3	22.6	33.9	45.2
	# of Elements	—	—	1	2	3	4