

EXPLOSION PROOF CONVECTORS



APPLICATIONS

ICG Series convector heaters are designed to heat areas classified as hazardous locations designated for Class I, Groups B, C, & D, Division 1 and 2 environments. Typical applications involve petroleum refineries and gasoline storage and dispensing areas, industrial firms that use flammable liquids in dip tanks for parts cleaning, petrochemical companies manufacturing chemicals, dry cleaning plants, utility and natural gas plants, aircraft hangars, fueling areas, and many other hazardous areas covered by these classifications.

FEATURES

- Easily mounted with integral mounting brackets provided for wall installation.
- Polyester powder coated heavy gauge steel that provides excellent corrosion resistance.
- High quality, long life tubular elements with high grade resistance wire embedded in MGO, centered in heavy gauge 1.25" diameter sheath with 3" x 3.25" fins.
- Explosion proof junction boxes included for conduit entry and ease of wiring.
- Sloped top cabinet prevents objects from being set on top which could restrict airflow. These convection heaters have been designed and manufactured to provide a rugged and corrosion resistant heat source for areas where volatile flammable liquids or gases and vapors are present.

SELECTION CHART

T2A Temperature Rating (536 deg. F)						
Catalog Number	Heater Volts	Watts (KW)	Phase	Amps	BTU	Ship Wt.
ICG18001	120	1.8	1	15.0	6,140	46 lbS
ICG18081	208	1.8	1	8.7	6,140	
ICG18083	208	1.8	3	5.0	6,140	
ICG18041	240	1.8	1	7.5	6,140	
ICG18043	240	1.8	3	4.4	6,140	
ICG18071	277	1.8	1	6.5	6,140	
ICG180481	480	1.8	1	3.8	6,140	
ICG180483	480	1.8	3	2.2	6,140	
ICG36081	208	3.6	1	17.3	2,300	
ICG36083	208	3.6	3	10.0	12,300	
ICG36041	240	3.6	1	15.0	2,300	
ICG36043	240	3.6	3	8.7	2,300	
ICG36071	277	3.6	1	13.0	2,300	
ICG360481	480	3.6	1	7.5	12,300	
ICG360483	480	3.6	3	4.3	12,300	
ICG36063	600	3.6	3	6.3	12,300	
ICG76081	208	7.6	1	36.5	25,930	94 lbs
ICG76083	208	7.6	3	21.1	25,930	
ICG76041	240	7.6	1	31.7	25,930	
ICG76043	240	7.6	3	18.3	25,930	
ICG76071	277	7.6	1	27.4	25,930	
ICG760481	480	7.6	1	15.8	25,930	
ICG760483	480	7.6	3	9.2	25,930	
ICG76063	600	7.6	3	9.2	25,930	
T3A Temperature Rating (356 deg. F)						
Catalog Number	Heater Volts	Watts (KW)	Phase	Amps	BTU	Ship Wt.
ICG16081	208	1.6	1	7.7	5500	84 lbs
ICG32081	208	3.2	1	15.4	11,000	
ICG32083	208	3.2	3	8.9	11,000	
ICG32041	240	3.2	1	13.3	11,000	
ICG32043	240	3.2	3	7.7	11,000	
ICG32071	277	3.2	1	11.6	11,000	
ICG320481	480	3.2	1	6.7	11,000	
ICG320483	480	3.2	3	3.8	11,000	
ICG32063	480	3.2	3	5.6	11,000	

Optional Built-In Controls

Class C&D Thermostat-50° - 90°F Range
24 Volt Control Circuit & Transformer
120 Volt control circuit, transformer and contactor
Class B, C, & D Thermostat-50° - 90°F Range
Consult factory for other models (9KW available)

