

ELECTRIC, HAZARDOUS LOCATIONS UNIT HEATERS

- Rated for 100,000 Cycles of Service • UL Listed • Sealed Heat-Exchanger Core • Ethylene Glycol for Heat Transfer Fluid • Protected, Explosion-Proof Electric Motor • Two-Piece Fan-Guard



MODEL HEX

Modine's HEX electric unit heaters are designed for hazardous industrial locations where potential for explosion exists due to the presence of flammable gases, vapors, powdered-metals or dusts.

HEX electric unit heaters are UL-listed for Class I, Divisions 1 & 2, Groups C & D; Class II, Division 1, Groups E, F and G and Class II, Division 2, Groups F and G. UL temperature code shall be T3B 329°F (165°C) for Class I and II, indicating maximum operating-surface temperatures.

Standard features include:

- Liquid to air, finned tube heat exchanger core.
- Ethylene glycol water mixture used as heat-transfer fluid in the heater core, providing -49°F (-45°C) freeze damage protection.
- Thermally protected, automatic reset, explosion-proof, motor driven fan moves air across finned tubes for even heat distribution.
- Automatically reset, bimetal high-limit provides over temperature protection and is rated for 100,000 cycles of service.
- Pressure relief valve provides over-pressure protection.
- Epoxy coated, 14 gauge steel cabinet contains heater core, motor, and fan assembly.
- Narrow-gap, two-piece fan-guard shields all moving parts.
- Adjustable extruded aluminum louvers allow directional control of air.
- Copper conductor wires enclosed in steel conduits carry all electrical power.

Performance Data

kW	Model	Volts	Phase	Heater amps	Btu/Hr	Air Temp. Rise (°F)	Max. Mounting Height (Ft.)	Heat Throw (Ft)
3.0	HEX412-208160-3.0	208	1	15.3	10,250	19.0	7	15
	HEX412-208360-3.0	208	3	8.9	10,250	19.0		
	HEX412-240160-3.0	240	1	13.5	10,250	19.0		
	HEX412-240360-3.0	240	3	7.2	10,250	19.0		
	HEX412-480360-3.0	480	3	3.9	10,250	19.0		
5.0	HEX412-208160-5.0	208	1	24.9	17,050	31.6	7	15
	HEX412-208360-5.0	208	3	14.4	17,050	31.6		
	HEX412-240160-5.0	240	1	21.9	17,050	31.6		
	HEX412-240360-5.0	240	3	12.7	17,050	31.6		
7.5	HEX412-480360-5.0	480	3	6.4	17,050	31.6	10	30
	HEX412-208160-7.5	208	1	36.9	25,600	27.9		
	HEX412-208360-7.5	208	3	21.4	25,600	27.9		
	HEX412-240160-7.5	240	1	32.3	25,600	27.9		
	HEX412-240360-7.5	240	3	18.7	25,600	27.9		
10.0	HEX412-480360-7.5	480	3	9.4	25,600	27.9	10	30
	HEX412-208360-10.0	208	3	28.3	34,100	37.2		
	HEX412-240160-10.0	240	1	42.7	34,100	37.2		
	HEX412-240360-10.0	240	3	24.7	34,100	37.2		
15.0	HEX412-480360-10.0	480	3	12.4	34,100	37.2	10	40
	HEX416-208360-15.0	208	3	41.4	51,200	27.1		
	HEX416-240360-15.0	240	3	36.0	51,200	27.1		
20.0	HEX416-480360-15.0	480	3	18.0	51,200	27.1	10	40
25.0	HEX416-480360-20.0	480	3	24.0	68,300	36.1	10	40
25.0	HEX420-480360-25.0	480	3	30.1	85,400	21.9	20	70
30.0	HEX420-480360-30.0	480	3	36.1	102,500	26.3	20	70
35.0	HEX420-480360-35.0	480	3	42.1	119,450	28.0	20	70



Request Catalog 2-116 For Complete Technical Information and Specifications.