

# HLA Series Hazardous Location Fan Forced Unit Heater

## Rating Definitions

**CLASS I:** Equipment does not have surface operating temperature in excess of the ignition temperature of the specific gas or vapor.

Application Examples:

- Offshore and land based drilling rigs, petroleum exploration and testing facilities.
- Petroleum refineries, gasoline storage and dispensing areas.
- Industrial firms that use flammable liquids in dip tanks for parts cleaning or other operations.
- Petrochemical companies that manufacture chemicals from gas or oil.
- Dry cleaning facilities where vapors from cleaning fluids may be present.
- Aircraft hangers and fuel servicing areas.
- Utility gas plants and operations involving storage and handling of liquefied petroleum or natural gas.

**GROUP C:** Atmospheres such as but not limited to acetaldehyde, allyl alcohol, hydrogen sulfide, ethylene, carbon monoxide, or other gases or vapors of equivalent hazard.

**GROUP D:** Atmospheres such as but not limited to acetone, alcohol, gasoline, lacquer solvent vapors, natural gas, propane or other gases or vapors of equivalent hazard.

**CLASS II:** Equipment does not have surface temperature greater than the ignition temperature of the specified dust.

Application Examples:

- Coal preparation plants and other carbon handling or processing areas.
- Grain elevators, flour and feed mills.
- Plants which manufacture, use or store Magnesium or Aluminum powders.
- Plants that have chemical or metallurgical processes.
- Producers of starch products or candy.
- Spice grinding plants, sugar plants and cocoa plants.

**GROUP E:** Atmosphere containing combustible metal dust regardless of resistivity, or other combustible dust of similar hazard characteristics having resistivity of less than 10<sup>5</sup> OHM - Centimeter.

**GROUP F:** Atmosphere containing carbon black, charcoal, coal or coke dust.

**GROUP G:** Atmospheres containing combustible dust having resistivity of 10<sup>5</sup> OHM-Centimeter or greater.

**DIVISION I:** A location in which ignitable concentrations of flammable material exist under normal operating conditions.

**DIVISION II:** Locations in which flammable materials will normally be confined within closed containers and escape only in the case of accidental rupture, breakdown or during maintenance operations. Any equipment approved for Division I is automatically also approved for Division II.

## Standard Hazardous Location Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTUs	VOLTS	PH	AMPS	Control Voltage	Temp Rise °F	Air Throw	CFM	Recom'd Mounting Ht.	WT. (LBS)
07343502	HLA 12-208160-3.0-24	3	10250	208	1	16.3	24	16.5			8'	167
07340002	HLA 12-208360-3.0-24			208	3	9.8						
07340102	HLA 12-240160-3.0-24			240	1	14.8						
07340202	HLA 12-240360-3.0-24			240	3	8.6						
07340302	HLA 12-480360-3.0-24			480	3	4.3						
07343602	HLA 12-208160-5.0-24	5	17100	208	1	26		27.6	24'	580	8'	
07340502	HLA 12-208360-5.0-24			208	3	15.4						
07340602	HLA 12-240160-5.0-24			240	1	23.1						
07340702	HLA 12-240360-5.0-24			240	3	13.4						
07340802	HLA 12-480360-5.0-24			480	3	6.7						
07343702	HLA 12-208160-7.5-24	7.5	25600	208	1	38		41.4			8'	
07341002	HLA 12-208360-7.5-24			208	3	22.3						
07341102	HLA 12-240160-7.5-24			240	1	33.6						
07341202	HLA 12-240360-7.5-24			240	3	19.4						
07341302	HLA 12-480360-7.5-24			480	3	9.7						
07341502	HLA 16-208360-10.0-24	10	34150	208	3	29.3	21.7	40'	1500	10'		
07341602	HLA 16-240160-10.0-24			240	1	44						
07341702	HLA 16-240360-10.0-24			240	3	25.5						
07341802	HLA 16-480360-10.0-24			480	3	12.7						
07342002	HLA 20-208360-15.0-24			208	3	43.5						
07342102	HLA 20-240360-15.0-24	15	51200	240	3	38.1	19.2	43'	2450	13'		
07342202	HLA 20-480360-15.0-24			480	3	19						
07342302	HLA 20-600360-15.0-24			600	3	15.2						
07342402	HLA 20-480360-20.0-24			480	3	25.1						
07342502	HLA 20-600360-20.0-24			600	3	20						
07342602	HLA 20-480360-25.0-24	20	68300	480	3	31.1	26.2			13'		
07342702	HLA 20-600360-25.0-24			600	3	24.9						
07342602	HLA 20-480360-25.0-24	25	85400	480	3	31.1	32.8				225	
07342702	HLA 20-600360-25.0-24			600	3	24.9						

Note: Products listed in this section are custom built and subject to 100% cancellation/restock charges.