

HAZARDOUS LOCATION FAN FORCED UNIT HEATER

**FOR CLASS I, GROUP C & D, DIVISION 1 & 2 AND
CLASS II, GROUPS E, F & G, DIVISIONS 1 & 2.
TEMPERATURE CODE T3B 165°C (329°F)**

Designed for rugged industrial applications in hazardous locations where the possibility of explosion or fire exists due to the presence of certain flammable gases, vapors, powdered metals or dust.



Unit shown with optional disconnect, thermostat and pilot light



- Permanently sealed, liquid to air, finned tube heat exchanger core.
- Ethylene Glycol to water mixture uses a heat transfer fluid in the heater core, providing -49° F. (-45° C) freeze damage protection.
- Manual Reset capillary type high limit provides high temperature regulation and is rated for 6,000 cycles of service.
- 24v transformer and contactor
- Pressure relief valve with cindered metal mesh flame arrestor.
- 14 ga. steel cabinet with epoxy powder coated finish contains heater core, motor, and fan assembly.
- Narrow gap safety fan guard shields all moving parts.
- Adjustable louvers allow directional control of air flow.
- Box lugs furnished for field connections within an approved enclosure.
- Units can not be operated in room ambients exceeding 104° F (40° C).
- ABS Type Approved

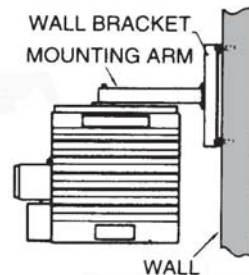
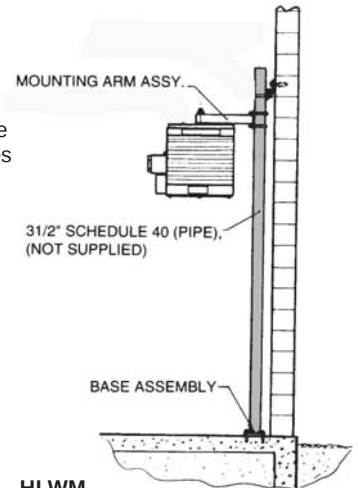
OPTIONAL MOUNTING BRACKET KITS

UPC 686334	MODEL	USE WITH HEATERS	WT. (LBS.)	LIST
734288	HLPM37	3.0 kW - 7.5 kW	37	422
734295	HLPM10	10.0 kW	38	
734301	HLPM1525	15.0 kW - 25.0 kW	40	
734318	HLHM	ALL	5	168
734325	HLWM37	3.0 kW - 7.5 kW	27	351
734332	HLWM10	10.0 kW	28	
734349	HLWM1525	15.0 kW - 25.0 kW	29	

HLPM

Pipe Mounting Kit

Particularly useful in buildings with insufficient strength to use other types of mounts. Requires 3 1/2" steel pipe 4" O.D. (not supplied).



HLWM

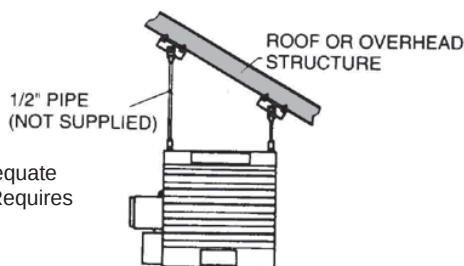
Wall Mounting Kit

Ideal for use in buildings that have substantial walls. Arm only can also be bolted directly to structural steel.

HLHM

Hanging Mounting Kit

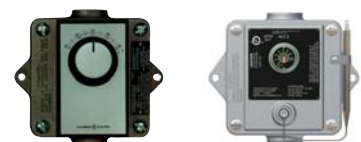
Simple and economical if adequate overhead structure exists. Requires 1/2" pipe, cut and threaded (not supplied).



FACTORY INSTALLED ACCESORIES

SUFFIX	DESCRIPTION	LIST ADDER
T	In-Built single pole thermostat 50° - 90° F	281
120	Control transformer w/ primary fusing (Delete 24 suffix - add 120)	201
208	208/240V Control available on 208/240V units (Delete 24 suffix and add 208 OR 240)	Subtract 61
240		
D	Disconnect Sw itch	1388
P	Pilot Light	778

HAZARDOUS LOCATION WALL THERMOSTATS (SEE PAGE 70)



HAZARDOUS LOCATION FAN FORCED UNIT HEATER

UPC 686334	MODEL	KW	BTU's	VOLTS	PH	AMPS	Control Voltage	Temp Rise °F	Air Throw	CFM	Recom'd Mounting Ht.	WT.	LIST			
734356	HLA 12-208160-3.0-24	3	10250	208	1	16.3	24	16.5	24'	580	8'	167 lb.	7935			
734004	HLA 12-208360-3.0-24			208	3	9.8										
734011	HLA 12-240160-3.0-24			240	1	14.8										
734028	HLA 12-240360-3.0-24			240	3	8.6										
734035	HLA 12-480360-3.0-24			480	3	4.3										
734363	HLA 12-208160-5.0-24	5	17100	208	1	26		27.6	24'	580	8'	167 lb.	8269			
734059	HLA 12-208360-5.0-24			208	3	15.4										
734066	HLA 12-240160-5.0-24			240	1	23.1										
734073	HLA 12-240360-5.0-24			240	3	13.4										
734080	HLA 12-480360-5.0-24			480	3	6.7										
734370	HLA 12-208160-7.5-24	7.5	25600	208	1	38		41.4			8'	167 lb.	8597			
734103	HLA 12-208360-7.5-24			208	3	22.3										
734110	HLA 12-240160-7.5-24			240	1	33.6										
734127	HLA 12-240360-7.5-24			240	3	19.4										
734134	HLA 12-480360-7.5-24			480	3	9.7										
734158	HLA 16-208360-10.0-24	10	34150	208	3	29.3		21.7	40'	1500	10'	193 lb.	9094			
734165	HLA 16-240160-10.0-24			240	1	44										
734172	HLA 16-240360-10.0-24			240	3	25.5										
734189	HLA 16-480360-10.0-24			480	3	12.7										
734202	HLA 20-208360-15.0-24	15	51200	208	3	43.5		19.2	43'	2450	13'	193 lb.	9488			
734219	HLA 20-240360-15.0-24			240	3	38.1										
734226	HLA 20-480360-15.0-24			480	3	19										
734233	HLA 20-600360-15.0-24			600	3	15.2										
734240	HLA 20-480360-20.0-24	20	68300	480	3	25.1		26.2	32.8		2450	13'	225 lb.	9855		
734257	HLA 20-600360-20.0-24			600	3	20										
734264	HLA 20-480360-25.0-24	25	85400	480	3	31.1								13'	225 lb.	10730
734271	HLA 20-600360-25.0-24			600	3	24.9										

NOTE: 600 Volt units CSA approved only

PHYSICAL DIMENSIONS

MODEL	A	B	C		D	E	F	G
			3 ph.	1 ph.				
HLA 12	17 3/4	22 3/8	19 3/4	20 5/8	16 1/4	10 1/2	14	3
HLA 16	20 3/4	26 3/8	20 3/4	21 5/8	20 1/4	11 1/2	18	4
HLA 20	24 3/4	30 3/8	22 1/2	N/A	24 1/4	12 1/2	22	4 1/2

