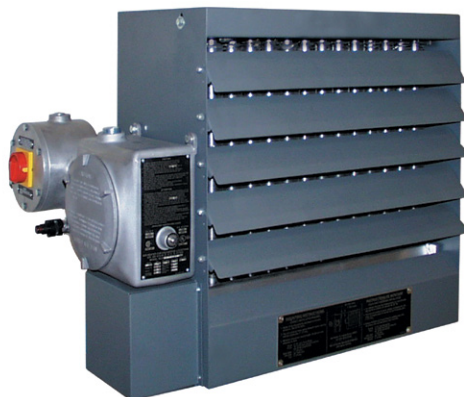


# HLA Series Hazardous Location Fan Forced Unit Heater

FAN-FORCED SUSPENDED UNIT HEATERS 3-25 KW FOR CLASS I, GROUP C & D,  
DIVISION 1 & 2 AND CLASS II, GROUPS E, F & G, DIVISIONS 1 & 2.



Shown with optional pilot light  
and disconnect switch



Manufactured in U.S.A.

- 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.
- Permanently sealed, liquid to air, finned tube heat exchanger core.
- Ethylene Glycol to water mixture used as a heat transfer fluid in the heater core, providing -45° C. (-49° F) freeze damage protection.
- High-performance electric motor driven fan blows air across finned tubes to effect uniform heat transfer and area heat distribution.
- Manual Reset capillary type limit provides high temperature regulation and is rated for 6,000 cycles of service.
- Stainless steel and aluminum pressure relief valve for overpressure.
- A back-up contactor is included for additional protection.
- 14 Gauge steel cabinet powder coated epoxy paint finish contains heater core, motor, and fan assembly.
- Narrow gap safety fan guard shields all moving parts.
- Adjustable louvers allow directional control of air.
- Copper conductor wires enclosed in rigid metal conduits carry all electrical power.
- Box lugs furnished for field connections within approved enclosure.
- ABS (America's Bureau of Shipping) type approved.

## Product Specifications

### Heat Exchanger and Elements:

Heavy walled, liquid filled heat exchanger with three-immersion type copper sheathed elements. The elements shall have the highest quality nickel-chromium resistance wire encased in a magnesium oxide dielectric and be hermetically sealed into the heat exchanger core. The heat transfer fluid is Ethylene-glycol solution for operation to -49 degrees F (-45 degrees C). Stainless steel and aluminum pressure relief valve for overpressure.

### Thermal Cutout High Limit Protection and Optional Pilot Light:

The capillary type manual reset thermal cutout shall be rated for 6000 cycles of service and mounted in the liquid filled heat exchanger. An optional pilot light to indicate manual reset tripped, if safe operating temperatures are exceeded, is located on control enclosure.

### Motor:

The motor shall be a permanent split capacitor type, permanently lubricated, ball bearing type. The motor shall be rated for hazardous location and operate at rated voltage of heater single phase, 60 Hz, 1725 RPM.

### Control Enclosure:

All controls shall be factory installed and wired in a hazardous location enclosure. Contactors and back-up contactors are heavy duty type and break all ungrounded conductors and be rated for 100,000 cycles at full load. Standard 24-Volt control circuit shall be supplied by internal class II transformer. An optional factory wired integral thermostat or standard terminal block for field wiring to optional remote wall thermostat are wired in control panel.

### Disconnect Switch:

Factory mounted and wired hazardous location disconnect switch is available as optional accessory.

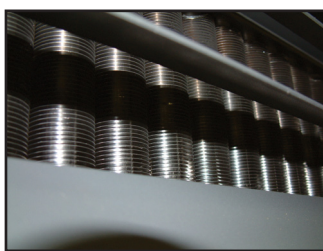
### Cabinet With Adjustable Louvers:

The Cabinet shall be 14 Gauge, cold rolled steel with powder coated epoxy finish. Plated fan guards with less than 1/4 inch spacing to cover motor and fan shall conform to OSHA Requirements.

### Note:

Before selecting a hazardous location electric heater refer to Article 500 or other applicable standard referenced in the National Electric Code.

# HLA Series Hazardous Location Fan Forced Unit Heater



Liquid-to-air heat exchanger



Optional built-in thermostat



Hazardous Location Rated Motor

## 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  $10^5$  OHM - Centimeter.

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

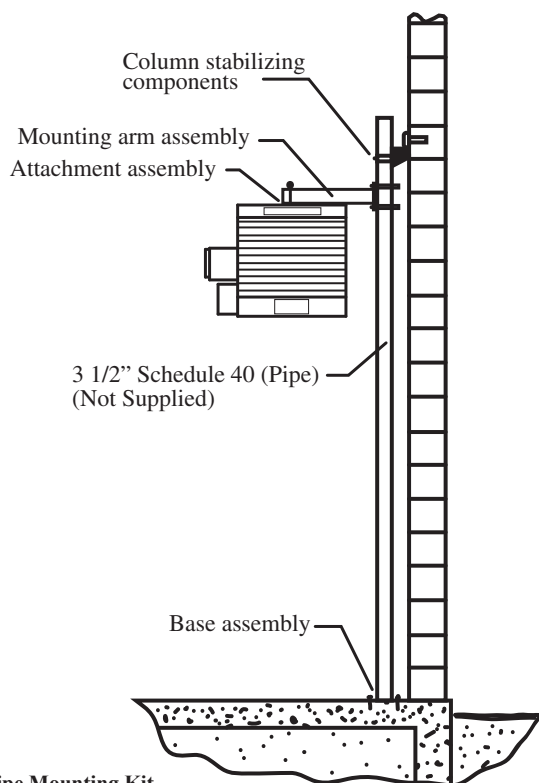
**GROUP G:** Atmospheres containing combustible dust having resistivity of  $10^5$  OHM-Centimeter or greater.

**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.

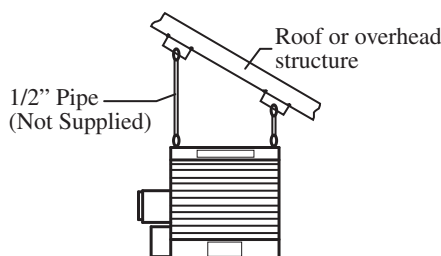
# HLA Series Hazardous Location Fan Forced Unit Heater

## Mounting Bracket Kits



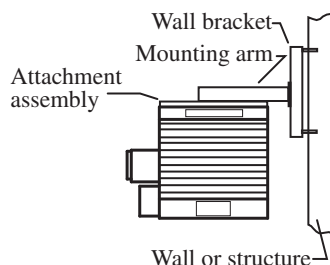
### HLPM Pipe Mounting Kit

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



### HLHM Hanging Mounting Kit

Simple and economical if adequate overhead structure exists. Requires 1/2" pipe, cut and threaded (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.

UPC#	NUMBER	USE WITH HEATERS	WT.
686334			
734288	HLPM37	3.0 KW - 7.5 KW	37 lbs.
734295	HLPM1015	10.0 KW	38 lbs.
734301	HLPM1525	15.0 KW - 25.0 KW	40 lbs.
734318	HLHM	ALL	5 lbs.
734325	HLWM37	3.0 KW - 7.5 KW	27 lbs.
734332	HLWM10	10.0 KW	28 lbs.
734349	HLWM1525	15.0 KW - 25.0 KW	29 lbs.

## EPET Series and HLT Series Hazardous Location Thermostats For Single Phase



HLT Series



### Features

- SPDT & DPDT Models
- Heat or cool compatible
- Celcius and Fahrenheit temperature scale
- Bi-Metal or capillary sensor
- Snap action switch
- Casting tapped top and bottom for 3/4" conduit
- 1/2" thick cast aluminum housing
- Dimension 5.75" x 6.375" x 5.57"

Motor Rating (full load): 3/4 HP @ 125V, 1 1/2 HP @250V  
Pilot Duty Rating 125VA @ 24VAC  
NEMA Class Seven Div. 1 Approved  
Class I Group C & D, Class II Group E, F, & G  
Not rated for Group B  
Range 50° - 90° F

UPC#	MODEL	DESCRIPTION	LOAD RATINGS	RANGE
686334				
538077	EPETD8D	DPDT - Bi-Metal	22A @120-277VAC	50-90°F
538107	EPETD8S	SPDT - Bi-Metal	22A @120-277VAC	50-90°F
528078	EPETP8D	DPDT - Bi-Metal	22A @120-480VAC	50-90°F
528061	EPETP8S	SPDT - Bi-Metal	22A @120-480VAC	50-90°F
523158	HLT-1	SPDT - Capillary	22A @120-277VAC	40-110°F
523165	HLT-2	DPDT - Capillary	22A @120-277VAC	40-110°F
Master ctn: 4 pcs, 24 lbs (varies slightly by model), 16" x 14.5" x 6"				
EPET Series incorporate plastic knob & Bi-Metal Sensor housing.				
HLT Series incorporates screwdriver temperature adjustment slot and all metal housing. External bulb and capillary sensor.				

# HLA Series Hazardous Location Fan Forced Unit Heater

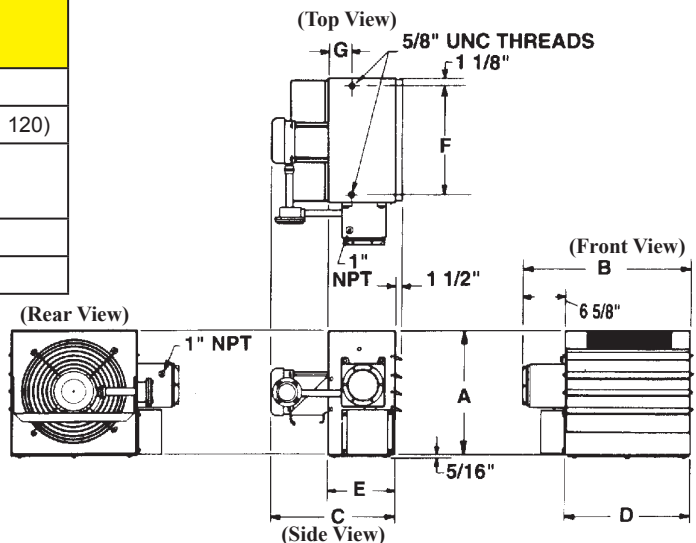
## Standard Hazardous Location Models

UPC# 686334	MODEL	KW	BTU's	VOLTS	PH	AMPS	Control Voltage	Temp Rise °F	Air Throw	CFM	Recom'd Mounting Ht.	WT.		
734356	HLA 12-208160-3.0-24	3	10250	208	1	16.3	24	16.5	24'	580	8'	167 lb.		
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.
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			24'	580	8'	167 lb.
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.		
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.		
734219	HLA 20-240360-15.0-24			240	3	38.1								
734226	HLA 20-480360-15.0-24			480	3	19								
734240	HLA 20-480360-20.0-24	20	68300	480	3	25.1		26.2			13'	225 lb.		
734264	HLA 20-480360-25.0-24	25	85400	480	3	31.1		32.8			13'	225 lb.		

## Factory Installed Accessories & Physical Dimensions

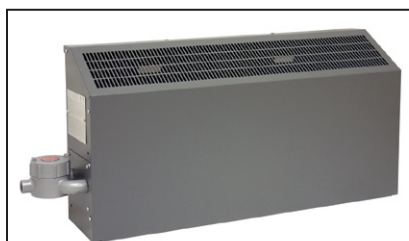
SUFFIX	DESCRIPTION
T	In-Built single pole thermostat 50° - 90° F
120	Control transformer w/ primary fusing (Delete 24 suffix - add 120)
208	208/240V Control available on 208/240V units (Delete 24 suffix and add 208 OR 240)
240	
D	Disconnect Switch
P	Pilot Light

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"





# FEP Series Single Phase Hazardous Location Wall Convectors



Standard Unit



Unit with optional control section containing disconnect, pilot light, and thermostat (Suffix C1-TDP)



Unit with in-built EPET line voltage thermostat (Suffix T1 or T2)

Manufactured in U.S.A.

- Cabinet size 18" high, 9" wide.
- Bottom In - Front Out air flow.
- Wall mounting bracket supplied.
- Units cannot be operated in room ambients exceeding 104°F (40°C).
- Heavy duty 16 Gauge steel with gray epoxy textured powder coated finish.
- 9" minimum clearance from bottom of heater to floor required.
- Stainless steel cartridge element inserted into aluminum finned copper sheath.
- Standard unit (without EPET thermostat or control section) is NEMA 4 rated.



T-2A SERIES SINGLE PHASE Class 1, Group B, C & D Division 1 & 2 280° C / 536° F							
UPC 686334	MODEL	WATTS	BTU's	VOLTS	AMPS	CABINET LENGTH	WT. (LBS.)
445146	FEP-1812-1RA	1800	6143	120	15.0	34"	50
445153	FEP-1820-1RA			208	8.7		
445160	FEP-1824-1RA			240	7.5		
445177	FEP-1827-1RA			277	6.5		
445184	FEP-1848-1RA			480	3.8		
445191	FEP-3620-1RA	3600	12286	208	17.3	34"	54
445207	FEP-3624-1RA			240	15.0		
445214	FEP-3627-1RA			277	13.0		
445221	FEP-3648-1RA			480	7.5		
445238	FEP-3657-1RA			600	6.0		
445245	FEP-3820-1RA	3800	12969	208	18.3	58"	80
445252	FEP-3824-1RA			240	15.8		
445269	FEP-38271-RA			277	13.7		
445276	FEP-3848-1RA			480	7.9		
445283	FEP-7620-1RA	7600	25938	208	36.5	58"	85
445290	FEP-7624-1RA			240	31.7		
445306	FEP-7627-1RA			277	27.4		
445313	FEP-7648-1RA			480	15.8		
445320	FEP-7657-1RA			600	12.7		



T-3A SERIES SINGLE PHASE Class 1, Group B, C & D Division 1 & 2 180° C / 356° F							
445337	FEP-0812-1RA	800	2730	120	6.7	34"	50
445344	FEP-0820-1RA			208	3.8		
445351	FEP-0824-1RA			240	3.3		
445368	FEP-0827-1RA			277	2.9		
445375	FEP-0848-1RA			480	1.7		
445382	FEP-1612-1RA	1600	5460	120	13.3	34"	54
445399	FEP-1620-1RA			208	7.7		
445405	FEP-1624-1RA			240	6.7		
445412	FEP-1627-1RA			277	5.8		
445429	FEP-1648-1RA			480	3.3		
445436	FEP-1657-1RA	1700	5802	600	2.7	58"	80
445443	FEP-1712-1RA			120	14.2		
445450	FEP-1720-1RA			208	8.2		
445467	FEP-1724-1RA			240	7.1		
445474	FEP-1727-1RA			277	6.1		
445481	FEP-1748-1RA	3400	11604	480	3.5	58"	85
445498	FEP-3420-1RA			208	16.3		
445504	FEP-3424-1RA			240	14.2		
445511	FEP-3427-1RA			277	12.3		
445528	FEP-3448-1RA			480	7.1		
445535	FEP-3457-1RA			600	5.7		

## Factory Installed Control Options

SUFFIX*	DESCRIPTION	SUFFIX**	DESCRIPTION
T1	EPETD8S single pole thermostat factory mounted to 120V - 480V units	C1-TD	Control section with transformer, 24V contactor, SP thermostat (40°F - 90°F) and disconnect switch (all units)
T2	EPETD8D double pole thermostat factory mounted to 120V - 480V units	C1-TDP	Control section with transformer, 24V contactor, SP thermostat (40°F - 90°F), disconnect switch & pilot light (all units)

\*Remove - RA suffix and add new suffix. \*\*Remove - RA suffix and add new suffix (Not NEMA washdown rated or rated for Group B atmospheres)

# FEP Series Three Phase Hazardous Location Wall Convectors

- Cabinet size 18" high, 9" wide.
- Bottom In - Top Out air flow.
- Wall mounting bracket supplied.
- Units can not be operated in room ambients exceeding 104°F (40°C).
- Heavy duty 16 Gauge steel with gray epoxy textured powder coated finish.
- 9" minimum clearance from bottom of heater to floor required.
- Stainless steel cartridge element inserted into aluminum finned copper sheath.
- Standard unit (without EPET thermostat or control section) is NEMA 4 rated.
- ABS (American Bureau of Shipping) type approved.

T-2A SERIES THREE PHASE Class 1, Group B, C, & D Divisions 1 & 2 280° C / 536° F							
UPC 686334	MODEL	WATTS	BTU's	VOLTS	AMPS	CABINET LENGTH	WT. (LBS.)
483056	FEP-1820-3RA	1800	6143	208	5.0	34"	50
483063	FEP-1824-3RA			240	4.3		
486224	FEP-1848-3RA			480	2.2		
483070	FEP-3620-3RA	3600	12286	208	10.0	34"	54
483087	FEP-3624-3RA			240	8.7		
486231	FEP-3648-3RA			480	4.3		
483094	FEP-3820-3RA	3800	12969	208	10.5	58"	80
483100	FEP-3824-3RA			240	9.1		
486248	FEP3848-3RA			480	4.6		
483117	FEP-7620-3RA	7600	25938	208	21.1	58"	85
483124	FEP-7624-3RA			240	18.3		
486255	FEP-7648-3RA			480	9.2		

T-3A SERIES THREE PHASE Class 1, Group B, C & D Division 1 & 2 180° C / 356° F							
483131	FEP-0820-3RA	800	2730	208	2.2	34"	50
483148	FEP-0824-3RA			240	1.9		
486262	FEP-0848-3RA			480	0.9		
483155	FEP-1620-3RA	1600	5460	208	4.4	34"	54
483162	FEP-1624-3RA			240	3.8		
486279	FEP-1648-3RA			480	1.9		
483179	FEP-1720-3RA	1700	5802	208	4.7	58"	80
483186	FEP-1724-3RA			240	4.1		
486286	FEP-1748-3RA			480	2.0		
483193	FEP-3420-3RA	3400	11604	208	9.4	58"	85
483209	FEP-3424-3RA			240	8.2		
486293	FEP-3448-3RA			480	4.1		



Standard Unit



Unit with optional control section containing disconnect, pilot light, and thermostat (Suffix C1-TDP)



Unit with in-built EPET line voltage thermostat (Suffix T1 or T2)

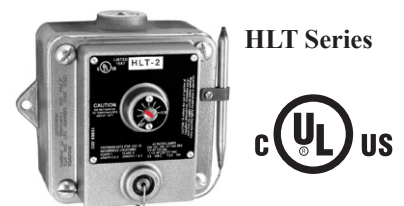


## Factory Installed Control Options

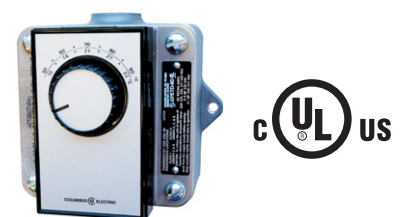
SUFFIX**	DESCRIPTION
C1-TD	Control section with transformer, 24V contactor, SP thermostat (40°F - 90°F) and disconnect switch (all units)
C1-TDP	Control section with transformer, 24V contactor, SP thermostat (40°F - 90°F), disconnect switch & pilot light (all units)

\*\*Remove - RA suffix and add new suffix (Not NEMA washdown rated or rated for Group B atmospheres)

## Remote Mounted Hazardous Location Thermostats For Single Or Three Phase FEP Series



HLT Series



UPC# 686334	MODEL	DESCRIPTION	LOAD RATINGS	RANGE
538077	EPETD8D	DPDT - Bi-Metal	22A @120-277VAC	50-90°F
538107	EPETD8S	SPDT - Bi-Metal	22A @120-277VAC	50-90°F
528078	EPETP8D	DPDT - Bi-Metal	22A @120-480VAC	50-90°F
528061	EPETP8S	SPDT - Bi-Metal	22A @120-480VAC	50-90°F
523158	HLT-1	SPDT - Capillary	22A @120-277VAC	40-110°F
523165	HLT-2	DPDT - Capillary	22A @120-277VAC	40-110°F
Master ctn: 4 pcs, 24 lbs (varies slightly by model), 16" x 14.5" x 6"				
EPET Series incorporates plastic knob & Bi-Metal Sensor housing.				
HLT Series incorporates screwdriver temperature adjustment slot and all metal housing. External bulb and capillary sensor.				

## EPET Series Parameters

Dimensions: Height 5 5/8", Width 6 3/8", Depth 4 1/2"  
 Finish: Silver-Gray  
 Type: Single or Double Pole

Range: 50° - 90° F  
 Motor Rating: (full load) 1 1/2 HP @ 250V  
 Rating: 22A @ 125-277VAC; 125VA @ 24VAC  
 Rated: Class I Group C & D, Class II Group E, F, G  
 Thermostat is not rated for use in Group B environments.

5500 Series Washdown Fan Forced Unit Heater



Manufactured in U.S.A.



Rear View



Control Panel

The Washdown Series unit heaters are electric unit heaters constructed for use in areas that require washing or hosing of equipment due to dirty or dusty industrial environments in non-hazardous locations. The totally enclosed water-tight construction made with corrosion-resistant material make this series ideal for industrial heating applications. The Washdown Series is constructed with all built-in controls and safety temperature controls wired in a non-metallic Nema 4x control panel with single-point power connections.

- Heavy-duty 304 16 Gauge stainless steel shroud.
- 316 stainless construction available.
- Nema 4x non-metallic control panel.
- 24-Volt transformer and control panel.
- 3-position switch (off-heat-fan).
- Capillary thermostat with stainless steel sensor.
- Automatic reset thermal cutout.
- Totally enclosed U.L. listed motor.
- Pilot light (power on indicator).

- Stainless steel finned tubular element. Constructed of 304 or 316 stainless rod and fins.
- Control panel on bottom of unit for ease of installation and service.
- Disconnect switch with enclosure door interlock.
- Front grill rotates to direct airflow.
- Single-point power connection.
- Fan Blade Epoxy coated Aluminum.
- Epoxy painted cold roll steel model available - consult factory.
- Meets all U.L., NEC, and OSHA requirements (when installed as directed).
- Corrosion-resistant in high humidity and water-saturated areas (for areas where corrosion resistance is needed in non-explosive areas, contact factory for heater applications and optional materials).
- ABS (American Bureau of Shipping) type approved.



Mounting Bracket Kits & Product Dimensions

SIZE KW	UPC# 686334	STAINLESS STEEL COMBINATION BRACKET	UPC# 686334	WALL MTG. BRACKET *	UPC# 686334	HANGING BRACKET *	UPC# 686334	PIPE MTG. BRACKET *
3.3-15	713672	A5520/UHB	709002	W5520/WMK	713702	H5520/HMK	713689	P5520/PMK
20-48		----	713733	W5550/WMK	713719	H5550/HMK	713696	P5550/PMK

\* Material: Heavy Duty Epoxy Powder Coat Finish.

**A5520**

3-15 Kw ONLY

WALL BRACKET

MOUNTING ARM

WALL OR STRUCTURE

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

**W5550**

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

ROOF OR OVERHEAD STRUCTURE

1/2" PIPE (NOT SUPPLIED)

**H5550**

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

3 1/2" SCHEDULE 40 PIPE (NOT SUPPLIED)

**P5550**

COLUMN STABILIZING COMPONENTS

MOUNTING ARM ASSY.

BASE ASSEMBLY

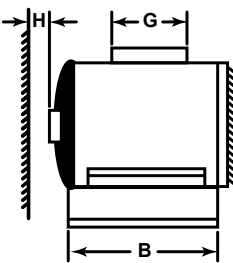


FIG. 1

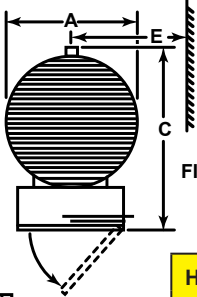


FIG. 2

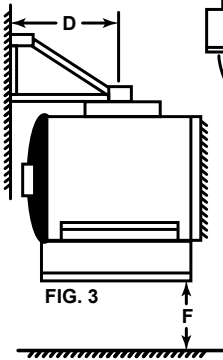


FIG. 3

Heater KW	Heater Dimension in Inches unless otherwise stated.							
	A	B	C	D	E	F	G	H
3-7.5	12.00	18.00	19.75	15.25	16.25	6 ft.	8.00	6.00
10-15	14.00	19.00	21.75	15.25	18.00		8.00	6.00
20-30	16.00	27.00	28.75	19.50	17.50		15.50	4.50
40-48	18.00	31.00	30.75	19.50	19.50		21.75	2.75

# 5500 Series Washdown Fan Forced Unit Heater

## Product Specifications & Standard Washdown Models

**Enclosure and Motor:** Element housing shall be 16 Gauge 304 or 316 stainless steel shroud. The outlet grill and louver assembly shall be 304 stainless steel and rotate for direction of discharge air. The heater shall have a 304/316 stainless steel inlet grill and fan guard. The motor shall be totally enclosed, permanently lubricated and designed to resist moisture and corrosion. The fan blade shall be aluminum with a powder coated epoxy finish.

**Element:** The heating element shall be 304 or 316 stainless steel tube with 304 stainless steel fin material helically attached to the tube for even heat transfer. The element designed with the highest quality nickel-chromium resistance wire embedded in compacted efficient dielectric to ensure proper heat transfer.

**Control Panel:** The control enclosure shall be non-metallic Nema 4X control panel water-tight and dust-tight. The enclosure and elements are attached to the control panel with stainless steel fasteners. Standard control components are factory mounted and wired with access through control panel door on bottom of heater assembly. A standard door interlock disconnect switch shall be factory mounted and wired for safety.

**Controls:** All controls shall be factory mounted and wired in Nema 4X panel. Terminal block, 24 Volt transformer, high temperature limits, contactor and fusing if required by NEC are mounted and wired in control panel. A three-position switch (Off-Heat-Fan) shall be mounted on side of control panel for access from outside of panel. A pilot light to indicate power is on for safety shall be located on side of control panel. A wall mounted Nema 4X thermostat is an optional accessory.

**Mounting Bracket:** A formed 304 stainless steel bracket shall be used on 3.3 thru 15 KW units. A cast iron epoxy painted bracket shall be used on 20 thru 48 KW units. Above brackets shall be combination wall/ceiling type. Optional mounting brackets are available.

UPC# 686334	MODEL	KW	BTU's	VOLTS	PH	AMPS	CONTROL VOLTAGE	TEMP RISE °F	AIR THROW	CFM	WT (LBS)						
713047	F1F5503T	3	11200	208	1	16	24	26	20'	400	58						
713054	F3F5503T			208	3	9											
713061	H1H5503T			240	1	14											
713078	H3H5503T			240	3	8											
713085	G1G5503T			277	1	12											
713092	P3P5503T			480	3	4											
713115	F1F5505T	5	17100	208	1	24		40				20'	400	58			
713122	F3F5505T			208	3	14											
713139	H1H5505T			240	1	21											
713146	H3H5505T			240	3	12											
713153	G1G5505T			277	1	18											
713160	P3P5505T			480	3	6											
713184	F1F5507T	7.5	25600	208	1	36		60	28'	700	64						
713191	F3F5507T			208	3	21											
713207	H1H5507T			240	1	31											
713214	H3H5507T			240	3	13											
713221	G1G5507T			277	1	27											
713238	P3P5507T			480	3	9											
713252	F1F5510T	10	34130	208	1	48		45				35'	1400	92			
713269	F3F5510T			208	3	28											
713276	H1H5510T			240	1	41											
713283	H3H5510T			240	3	24											
713290	G1G5510T			277	1	36											
713306	P3P5510T			480	3	12											
713399	F1F5515T	15	51200	208	1	72		68	42'	1800	126						
713405	F3F5515T			208	3	42											
713412	H1H5515T			240	1	63											
713429	H3H5515T			240	3	36											
713443	P3P5515T			480	3	18											
713467	F3F5520T	20	68260	208	3	56		45							42'	1800	126
713474	H3H5520T			240	3	48											
713481	P3P5520T			480	3	24											
713504	F3F5525T	25	85325	208	3	70		56				42'	1800	126			
713511	H3H5525T			240	3	60											
713528	P3P5525T			480	3	30											
713542	F3F5530T	30	102390	208	3	83		68	42'	1800	126						
713559	H3H5530T			240	3	72											
713566	P3P5530T			480	3	36											
713603	P3P5540T	40	136520	480	3	48		70							42'	1800	126
713641	P3P5548T	48	163824	480	3	58		84									

### Remote Rain-Tight Thermostat



UPC# 686334	MODEL	DESCRIPTION
503242	TW155	1 POLE, 40-110 deg F, 22Amp
503259	TW255	2 POLE, 40-110 deg F, 22Amp

Note: NEMA 4X Construction Stainless Steel Hardware