HOW TO DESIGNATE A MODEL:

H 2 H UH 10 C A 1

Element Volts	Phase	Motor Voltage	Model Series	Element KW	Control System	Transformer	Control Volts
F = 208	1 = 1-Phase	F = 208	UH		O = None	O = None	1 = 24
H = 240	2 = 1 or 3-Ph.	H = 240			C = Contactor	A = Included	2 = 120
HF = 240/208	3 = 3-Phase	B = 240 / 208			R = Relay		3 = Element Voltage
G = 277		G = 277					4 = 240
P = 480		P = 480					

Factory Installed Options (use as a suffix on model designation):
S = Summer Fan Switch, F = Fan Delay, D = Disconnect, T = Built-in Thermostat, E = Epoxy Coated

Field Installed Options:
Disconnect Switch, Built-in Thermostat, & Wall / Ceiling Bracket

Standard Product Models

MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTUs	VOLTS	PH	AMPS	CONTROL VOLTS	TEMP RISE F	AIR THROW	CFM	RECOM'D MOUNTING HT.	WT. (LBS)
06446002	F1FUH03003	3.3	11200	208	1	15.9	208	26	26'	400	9'	36
06446602	H1HUH03003			240	1	13.8	240					
06447202	G1GUH03003			277	1	11.9	277					
07114802	H3HUH03C03			240	3	7.9	240					
07114902	F3FUH03C03			208	3	9.2	208					
07114002	P3PUH03CA1			480	3	4	24					
06446102	F1FUH05003	5	17100	208	1	24.1	208	40	26'	400	9'	36
06446702	H1HUH05003			240	1	20.8	240					
06447302	G1GUH05003			277	1	18.1	277					
06449302	F2FUH05C03			208	1 or 3	24.1 / 14.0	208					44
06449402	H2HUH05C03			240	1 or 3	20.8 / 12.1	240					
06448802	P3PUH05CA1			480	3	6.1	24					
07180502	F1FUH07CA1	7.5	25600	208	1	36.1	24	42	36'	575	9'	40
07173702	H1HUH07CA1			240	1	31.3	24					41
07151802	G1GUH07CA1			277	1	27.1	24					41
06447902	F3FUH07C03			208	3	20.8	208					44
06449502	H2HUH07C03			240	1 or 3	31.3 / 18.1	240					
06448902	P3PUH07CA1			480	3	9.1	24					
07170902	F1FUH10CA1	10.0	34100	208	1	48.1	24	55	36'	575	9'	42
06808402	H1HUH10CA1			240	1	41.7	24					
07173802	G1GUH10CA1			277	1	36.1	24					
06449602	F2FUH10C03			208	1 or 3	48.1 / 27.8	208					
06449702	HF2BUH10C03	10 / 7.5	34100	240	1 or 3	41.7 / 24.1	240	55				45
			25600	208	1 or 3	36.1 / 20.8	208	42				
07114202	P3PUH10CA1	10.0	34100	480	3	12.1	24	55				51
06446402	F1FUH12C03	12.5	42600	208	1	60.1	208	49	45'	800	10'	45
06447002	H1HUH12C03			240	1	52.1	240					
06448102	F3FUH12C03			208	3	34.7	208					
06448602	H3HUH12C03			240	3	30.1	240					
07114302	P3PUH12CA1			480	3	15.1	24					
06446502	F1FUH15CO3	15.0	51200	208	1	72.1	208	59	45'	800	10'	54
06447102	H1HUH15C03			240	1	62.5	240					
06448202	F3FUH15C03			208	3	41.7	208					
06448702	H3HUH15C03			240	3	36.1	240					
07114402	P3PUH15CA1			480	3	18.1	24					
06883002	F1FUH20CA1*	20.0	68300	208	1	96.2	24	47	56'	1350	13'	55
06884202	H1HUH20CA1*			240	1	83.3	24					
06883102	F3FUH20CA1			208	3	55.6	24					
06884302	H3HUH20CA1			240	3	48.2	24					
06883202	P3PUH20CA1			480	3	24.1	24					
06884402	F1FUH25CA1	25.0	85300	208	1	120.2	24	58	56'	1350	13'	55
06883302	H1HUH25CA1			240	1	104.2	24					
06884502	F3FUH25CA1			208	3	69.5	24					
06883402	H3HUH25CA1			240	3	60.2	24					
06884602	P3PUH25CA1			480	3	30.1	24					
06884702	H1HUH30CA1	30.0	102390	240	1	125	24	70	56'	1350	13'	60
06883602	F3FUH30CA1*			208	3	83.4	24					
06884802	H3HUH30CA1			240	3	72.3	24					
06883702	P3PUH30CA1			480	3	36.1	24					
06884002	P3PUH40CA1	40.0	136500	480	3	48.2	24	55	56'	2275	16'	75
06887802	P3PUH48CA1	48.0	163800	480	3	57.8	24	67	56'	2275	16'	78

*Disconnect not available

3.3 KW THROUGH 48 KW HORIZONTAL DISCHARGE SUSPENDED FAN FORCED UNIT HEATERS AVAILABLE IN 1 OR 3 PHASE FOR ALL STANDARD VOLTAGES FROM 208V TO 480V

Manufactured in U.S.A.

NOTE: Louver assembly is square and mounted with screws. Louver can be removed and repositioned for four (4) directional air flow - left - right - up - down with the heater in the horizontal position.

FACTORY INSTALLED OPTIONS:

- 24 Volt transformer on 3 KW to 15KW units to convert from line voltage to low voltage remote thermostat operation.
- Summer fan switch to operate the fan only.
- Fan Delay Switch to purge all residual heat from the unit after the heating element has cycled off.
- Powder coated Epoxy finish for corrosive atmospheres.
- Disconnect switch.

MAXIMUM RECOMMENDED MOUNTING HEIGHT	
3 - 10 KW	9 FT.
12 - 15 KW	10 FT.
20 - 30 KW	13 FT.
40 - 48 KW	16 FT.

CONSTRUCTION:
Heavy Gauge welded steel cabinet with powder coated finish and control compartment with a hinged and latched access door, simplifying wiring installation & maintenance.

HEATING ELEMENT:
Circular copper clad steel sheath element with continuously brazed steel fins formed to match the air delivery pattern of the fan blade.

OVERHEAT PROTECTION:
All units come equipped with automatic resetting type limit controls to de-energize the heater should an over-temperature situation occur.

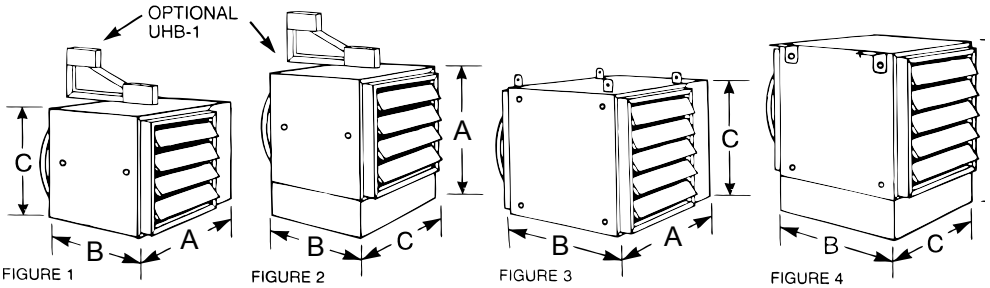
FAN and MOTOR:
Totally enclosed, single phase, permanently lubricated, thermally protected motors with unit bearings on 3 KW - 10 KW models and sleeve bearings on 12.5 KW - 48 KW models - mounted with rubber insulators to minimize vibration and noise. Fan assembly enclosed by a heavy gauge, close spaced, chrome plated wire guard.

LOUVER ASSEMBLY:
Louvers are individually adjustable for directional control of air flow and the entire assembly can be repositioned in the field from down flow to up flow or left / right directional air flow.

TEMPERATURE CONTROLS:
20 KW through 48 KW units and all 480V have built in 24 Volt transformer for low voltage remote thermostat application. 25 KW through 48 KW models available in 2-stage on special order (consult factory).

INSTALLATION:
Unit Heaters can be mounted with the motor shaft from horizontal to downward at 45° off horizontal. Pre-drilled holes and installed threaded nuts provided to allow hanging by threaded rods - 1/4" for units up to 15 KW and 5/16" for 20 KW units and larger. Optional wall / ceiling mounting brackets are available for all units.

Product Dimensions & Model Number Designation



3.3 KW THROUGH 15 KW UNIT HEATERS — 20 KW THROUGH 48 KW UNIT HEATERS

Dimensions	A	B	C
Figure 1: 3.3, 5, 7.5, 10 KW	20"	11"	13"
Figure 2: 12.5, 15 KW	22"	11"	15"
Figure 3: 20, 25, 30 KW	24"	17"	17"
Figure 4: 40, 48 KW	26"	23"	19"

Figures 3 & 4 shown with standard mounting tabs for units over 20 KW. Optional UHB-3 and UHB-4 wall brackets are available. 3.3 KW thru 15 KW units can be mounted using 1/4" threaded rod. 20 KW thru 48 KW units can be mounted using 5/16" threaded rod.

HOW TO DESIGNATE A MODEL:

H	2	H	UH	10	C	A	1

Element Volts	Phase	Motor Voltage	Model Series	Element KW	Control System	Transformer	Control Volts
F = 208	1 = 1-Phase	F = 208	UH		O = None	O = None	1 = 24
H = 240	2 = 1 or 3-Ph.	H = 240			C = Contactor	A = Included	2 = 120
HF = 240/208	3 = 3-Phase	B = 240 / 208			R = Relay		3 = Element Voltage
G = 277		G = 277					4 = 240
P = 480		P = 480					

Factory Installed Options (use as a suffix on model designation):
S = Summer Fan Switch, F = Fan Delay, D = Disconnect, T = Built-in Thermostat, E = Epoxy Coated

Field Installed Options:
Disconnect Switch, Built-in Thermostat, & Wall / Ceiling Bracket

Note: For stainless steel elements - use SS suffix and add 20% to base net cost.