

# Fan Forced Unit Heaters

## UHE Series w/Thermostat and Wall Bracket

3.3 kW through 15 kW horizontal discharge suspended fan forced unit heaters available in 1 or 3-phase for all standard voltages from 208V to 480V.



### CONSTRUCTION:

Heavy gauge welded steel cabinet with powder coated finish and control compartment with a hinged and latched access door, simplifying wiring installation and 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 - 15 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

### INSTALLATION:

The UHE series is supplied with a single pole in-built thermostat and a wall/ ceiling hanger bracket. UHE heater can be mounted in a vertical position only (see FIGURE 1) 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.

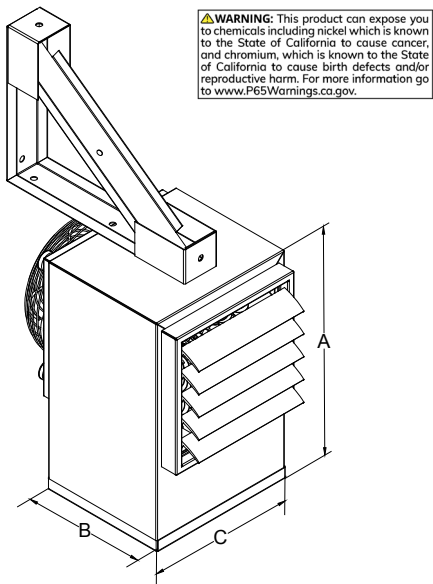


FIGURE 1

### UHE Series Product Dimensions & Model Designator

DIMENSIONS	A	B	C
Figure 1: 3.3, 5, 7.5, 10 kW	20"	11"	13"
Figure 1: 12.5, 15 kW	22"	11"	15"
MAXIMUM RECOMMENDED MOUNTING HEIGHT			
3 - 10 kW	9 FT		
12 - 15 kW	10 FT		

NOTE: 3.3 kW through 15 kW units can be mounted using 1/4 threaded rod.

### HOW TO DESIGNATE A MODEL:

H 2 H UHE 10 C A 1							
<b>Element Volts</b> F = 208 H = 240 HF = 240/208 G = 277 P = 480	<b>Phase</b> 1 = 1-Phase 2 = 1 or 3-Ph. 3 = 3-Phase	<b>Motor Voltage</b> F = 208 H = 240 B = 240 / 208 G = 277 P = 480	<b>Model Series</b> UHE	<b>Element KW</b> 10	<b>Control System</b> O = None C = Contactor	<b>Transformer</b> O = None A = Included	<b>Control Volts</b> 1 = 24 2 = 120 3 = Element Voltage 4 = 240

# Fan Forced Unit Heaters

## UHE Series Standard Products

MFG CATALOG NUMBER	MFG MODEL NUMBER	KW	BTUs	VOLTS	PH	AMPS	CONTROL VOLTS	TEMP RISE °F	AIR THROW	CFM	WT. (LBS)	LIST		
7421302	F1FUHE03003T	3.33	11200	208	1	16.3	208	26	26'	400	36	1300		
7421402	H1HUHE03003T	3.33		240	1	14.2	240					1300		
7421502	G1GUHE03003T	3.33		277	1	12.3	277					1300		
7421602	H3HUHE03C03T	3.33		240	3	8.2	240					1300		
7421702	F3FUHE03C03T	3.33		208	3	9.5	208					1300		
7421802	P3PUHE03CA1T	3.33		480	3	4.1	24					1586		
7421902	F1FUHE05003T	5	17100	208	1	24.3	208	40	26'	400	36	1496		
7422002	H1HUHE05003T	5		240	1	21.1	240					1496		
7422102	G1GUHE05003T	5		277	1	18.3	277					1496		
7422202	F2FUHE05C03T	5		208	1/3	24/13.9	208				44	1496		
7422302	H2HUHE05C03T	5		240	1/3	20.8/12.0	240					1496		
7422402	P3PUHE05CA1T	5		480	3	6.2	24					1700		
7422502	F1FUHE07CA1T	7.5	25600	208	1	36.7	24	42	36'	575	40	1748		
7422602	H1HUHE07CA1T	7.5		240	1	31.8	24					1748		
7422702	G1GUHE07CA1T	7.5		277	1	27.6	24					1748		
7422802	F3FUHE07C03T	7.5		208	3	21.4	208				44	1748		
7422902	H2HUHE07C03T	7.5		240	1/3	31.1/18.0	240					1748		
7423002	P3PUHE07CA1T	7.5		480	3	9.3	24					2067		
7423102	F1FUHE10CA1T	10	34100	208	1	48.7	24	55	36'	575	42	2106		
7423202	H1HUHE10CA1T	10		240	1	42.2	24					2106		
7423302	G1GUHE10RA1T	10		277	1	36.6	24					2106		
7423402	F2FUHE10C03T	10		208	1/3	48.0/27.8	208				45	2106		
7423502	HF2BUHE10C03T	10.0/7.5		34100	240	1/3	41.7 / 24.1					240	55	2106
				25600	208	1/3	36.1 / 20.8					208	42	2106
7423602	P3PUHE10CA1T	10	34100	480	3	12.3	24	55	51	2174				
7423702	F1FUHE12C03T	12.5	42600	208	1	60.9	208	49	45'	800	45	3230		
7423802	H1HUHE12C03T	12.5		240	1	52.8	240					3230		
7423902	F3FUHE12C03T	12.5		208	3	35.5	208					3230		
7424002	H3HUHE12C03T	12.5		240	3	30.8	240					3230		
7424102	P3PUHE12CA1T	12.5		480	3	15.6	24					3350		
7424202	F1FUHE15C03T	15		51200	208	1	72.9					208	59	45'
7424302	H1HUHE15C03T	15	240		1	63.3	240	3530						
7424402	F3FUHE15C03T	15	208		3	42.4	208	3530						
7424502	H3HUHE15C03T	15	240		3	36.8	240	3530						
7424602	P3PUHE15CA1T	15	480		3	18.6	24	3659						