

238 SERIES

Industrial Unit Heater



HEATREX's industrial unit heater is designed for maximum heating performance in non-hazardous and non-corrosive environments. Features include:

- **Unique Design:** Round design of the industrial unit heater provides uniform airflow over the elements to prevent hot spots and ensure even discharge temperatures. Circular stainless steel finned tubular elements have a longer life due to lower operating temperatures.
- **Built-in Controls:** Heaters are completely assembled with all electrical components built-in at the factory to reduce installation costs.
- **Improved Performance:** High CFM's and air throw up to 50 feet promote air circulation within the space. More uniform temperature increases comfort levels and helps to eliminate cold spots.
- **Single Point Electrical Hook-up:** Heater, fan motor and controls are all connected to the same branch circuit.

Applications

- Aircraft Hangars
- Entryways
- Factories
- Garages
- Power Generating Stations
- Pump Houses
- Service Stations

Standard Construction Features

Heating Elements – Industrial grade, Type 304 stainless steel finned tubular elements, manufactured by HEATREX.

Housing – Heating elements and motor are enclosed in a round, 16-gauge galvanized steel enclosure which has a powder coat finish for durability.

Inlet/Outlet Grilles – Inlet grille complies with OSHA requirements for fan blade guard. Outlet grille has 45° angled louvers to direct airflow.

Fan Motor – Motor is UL Recognized with built-in

thermal protection.

Built-in Controls – Include main control magnetic contactor, control voltage transformer, automatic reset thermal cut-out and fan thermostat.

Mounting Bracket – Wall mounting bracket with single point suspension allows the heater to rotate a full 360°.

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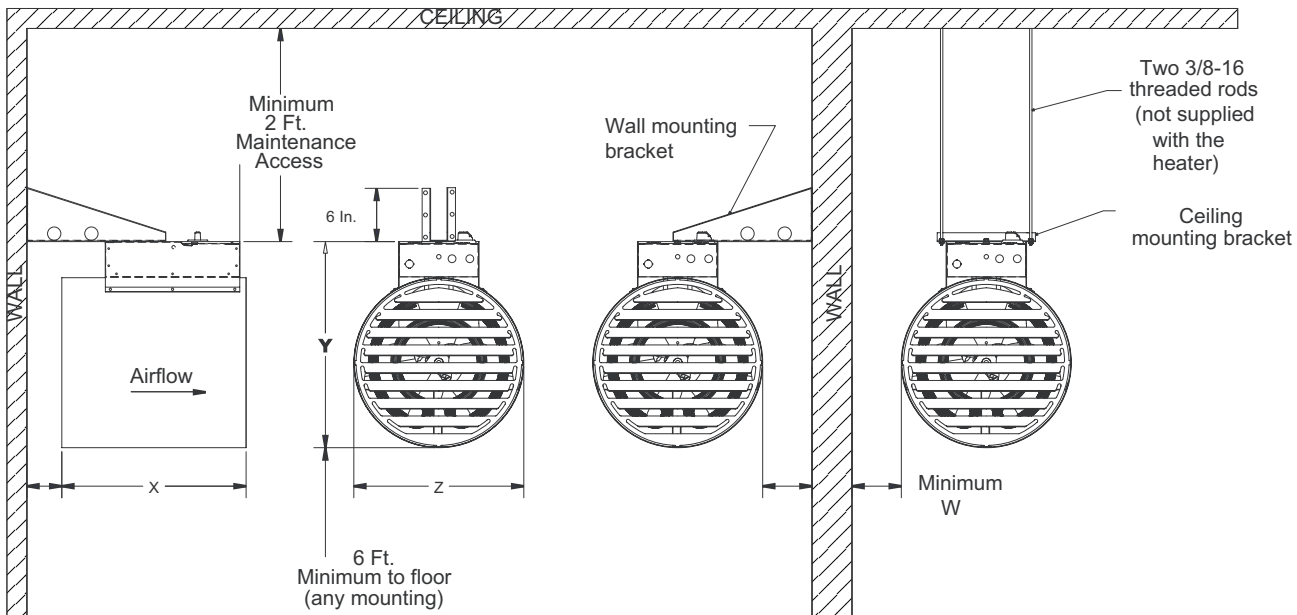
Factory Built-in Options

Code	Description	Availability Code (2)
B	No mounting bracket	AS
C	Substitute wall mounting bracket with ceiling bracket	AS
D	Power Disconnect Switch	AS
G	Adjustable Outlet Louvers	AS
H	Premium Fan Motor	AS
L	"Heater On" Pilot Light	AS
M	Manual Reset Thermal Cutout	AS
R	Built-in Fan Relay - Required for Remote Fan Switch	AS
S	Three-position Selector Switch (Heater-Standby-Fan)	AS
T	Built-in Thermostat 40° to 120° F (4° to 49° C) Range	AS
X	No Transformer - Customer supplied control voltage	AS

(2) AS = Assembly Stock, C = Custom. Assembly stock heaters ordered with custom options subject to longer delivery.

Dimensions, Weights and Air Throws

KW	Dimensions - In. (cm)					Weight Lb (kgs)	Maximum Air Throw-Ft. (m)
	M	W	X	Y	Z		
1 - 12	8¼ (21)	8¼ (22)	15 (38)	17 (43)	13 (41)	45 (20)	15 (5)
12.5 - 20	7 (18)	5½ (14)	16¼ (41)	23½ (60)	19¼ (49)	60 (27)	50 (15)
25 - 38.4	4 (10)	5½ (14)	20¼ (53)	23½ (60)	19¼ (49)	80 (36)	50 (15)



Motor Data

Description	RPM	Airflow - CFM (cubic meters/hr)			Noise Level (dB)		
		1-12 KW	12.5-20 KW	25-38.4 KW	1-12 KW	12.5-20 KW	25-38.4 KW
Standard	1200	362 (615)	1342 (2280)	1237 (2102)	64	68	68
Premium	1800	618 (1050)	1774 (3014)	1635 (2778)	75	84	84



Phone: 314-333-5500
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For Non-Hazardous Areas
For Non-Corrosive Areas



Heater Listing

KW	Volts	Phase	Total Amps (1)	Approximate Air Temperature Rise °F (°C)	Motor			Catalog Number	Availability Code (2)
					HP	Volts	Phase		
3	208	1	17	21 (12)	1/4	208	1	HX-238-UT03C	AS
	240	1	15	21 (12)	1/4	240	1	HX-238-UT03J	
	480	1	8	21 (12)	1/4	480	1	HX-238-UT03T	
	208	3	11	21 (12)	1/4	208	1	HX-238-UT03D	
	240	3	10	21 (12)	1/4	240	1	HX-238-UT03K	
	480	3	5	21 (12)	1/4	480	1	HX-238-UT03U	
5	208	1	27	35 (19)	1/4	208	1	HX-238-UT05C	
	240	1	23	35 (19)	1/4	240	1	HX-238-UT05J	
	480	1	12	35 (19)	1/4	480	1	HX-238-UT05T	
	208	3	16	35 (19)	1/4	208	1	HX-238-UT05D	
	240	3	15	35 (19)	1/4	240	1	HX-238-UT05K	
	480	3	8	35 (19)	1/4	480	1	HX-238-UT05U	
7.5	208	1	39	53 (29)	1/4	208	1	HX-238-UT08C	
	240	1	34	53 (29)	1/4	240	1	HX-238-UT08J	
	480	1	17	53 (29)	1/4	480	1	HX-238-UT08T	
	208	3	23	53 (29)	1/4	208	1	HX-238-UT08D	
	240	3	21	53 (29)	1/4	240	1	HX-238-UT08K	
	480	3	11	53 (29)	1/4	480	1	HX-238-UT08U	
9	208	1	46	64 (36)	1/4	208	1	HX-238-UT09C	
	240	1	40	64 (36)	1/4	240	1	HX-238-UT09J	
	480	1	20	64 (36)	1/4	480	1	HX-238-UT09T	
	208	3	28	64 (36)	1/4	208	1	HX-238-UT09D	
	240	3	24	64 (36)	1/4	240	1	HX-238-UT09K	
	480	3	12	64 (36)	1/4	480	1	HX-238-UT09U	
10	240	1	44	52 (29)	1/4	240	1	*HX-238-UT10J	
	480	1	22	52 (29)	1/4	480	1	*HX-238-UT10T	
	208	3	30	52 (29)	1/4	208	1	*HX-238-UT10D	
	240	3	27	52 (29)	1/4	240	1	*HX-238-UT10K	
	480	3	14	52 (29)	1/4	480	1	*HX-238-UT10U	
	12	480	1	27	62 (34)	1/4	480	1	
208		3	36	62 (34)	1/4	208	1	*HX-238-UT12D	
240		3	32	62 (34)	1/4	240	1	*HX-238-UT12K	
480		3	16	62 (34)	1/4	480	1	*HX-238-UT12U	
12.5	208	3	37	31 (17)	1/4	208	1	HX-238-UL13D	
	240	3	33	31 (17)	1/4	240	1	HX-238-UL13K	
	480	3	17	31 (17)	1/4	480	1	HX-238-UL13U	
15	208	3	44	38 (21)	1/4	208	1	HX-238-UL15D	
	240	3	39	38 (21)	1/4	240	1	HX-238-UL15K	
	480	3	20	38 (21)	1/4	480	1	HX-238-UL15U	
20	480	3	26	35 (19)	1/4	480	1	*HX-238-UL20U	
25	480	3	32	66 (37)	1/4	480	1	HX-238-UA25U	
30	480	3	38	79 (44)	1/4	480	1	HX-238-UA30U	
35	480	3	44	61 (34)	1/4	480	1	*HX-238-UA35U	
38.4	480	3	48	70 (39)	1/4	480	1	*HX-238-UA39U	

* Premium motor comes standard with heater.

(1) Total Amps = Heating element amps and motor amps.

(2) AS = Assembly Stock, C = Custom. Assembly stock heaters ordered with custom options subject to longer delivery.

