

## Industrial Unit Heater



INDEECO'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 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 with stainless steel fittings, manufactured by INDEECO.

**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 cutout and fan thermostat.

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

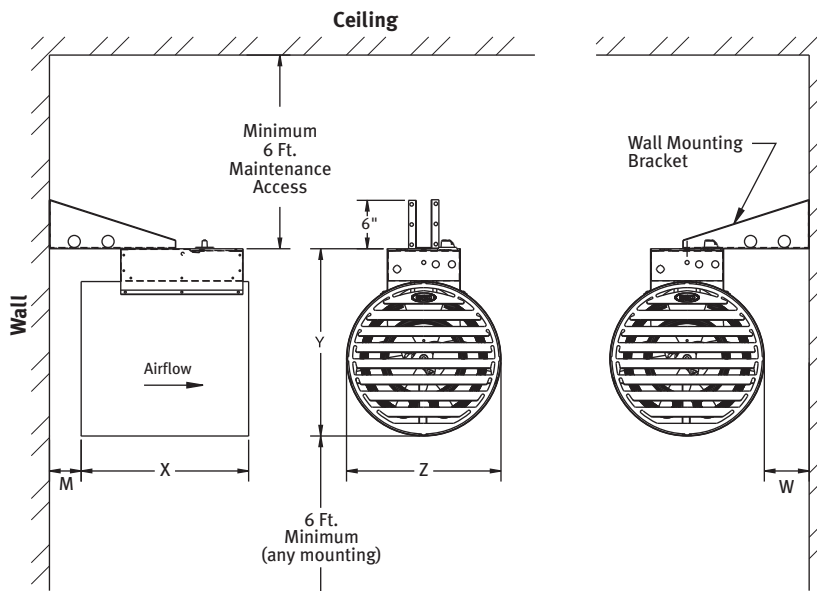
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## Factory Built-in Options

Code	Description
D	Power disconnect switch
G	Adjustable outlet louvers
H	High performance fan motor
L	“Heater on” pilot light
M	Manual reset thermal cutout
R	Built-in fan relay with remote fan wwitch
S	Three-position selector switch (heater-standby-fan)
T	Built-in thermostat 0° to 120°F (-18° to 49°C) range

## 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)	8¾ (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)	20¾ (53)	23½ (60)	19¼ (49)	80 (36)	50 (15)



## Motor Data

Description	RPM	Airflow - CFM (cubic meters/hr)			Noise Level (dB)		
		Small	Medium	Large	Small	Medium	Large
Standard	1200	362(615)	1342(2280)	1237(2102)	64	68	68
Premium	1800	618(1050)	1774(3014)	1635(2778)	75	84	84

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For Non-Hazardous Areas   
 For Non-Corrosive Areas

## Industrial Unit 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	238-UT03C	S
	240	1	15	21 (12)	1/4	240	1	238-UT03J	C
	480	1	8	21 (12)	1/4	480	1	238-UT03T	C
	208	3	11	21 (12)	1/4	208	1	238-UT03D	C
	240	3	10	21 (12)	1/4	240	1	238-UT03K	C
	480	3	5	21 (12)	1/4	480	1	238-UT03U	S
5	208	1	27	35 (19)	1/4	208	1	238-UT05C	C
	240	1	23	35 (19)	1/4	240	1	238-UT05J	C
	480	1	12	35 (19)	1/4	480	1	238-UT05T	C
	208	3	16	35 (19)	1/4	208	1	238-UT05D	C
	240	3	15	35 (19)	1/4	240	1	238-UT05K	S
	480	3	8	35 (19)	1/4	480	1	238-UT05U	S
7.5	208	1	39	53 (29)	1/4	208	1	238-UT08C	C
	240	1	34	53 (29)	1/4	240	1	238-UT08J	C
	480	1	17	53 (29)	1/4	480	1	238-UT08T	C
	208	3	23	53 (29)	1/4	208	1	238-UT08D	S
	240	3	21	53 (29)	1/4	240	1	238-UT08K	C
	480	3	11	53 (29)	1/4	480	1	238-UT08U	S
9	208	1	46	64 (36)	1/4	208	1	238-UT09C	C
	240	1	40	64 (36)	1/4	240	1	238-UT09J	C
	480	1	20	64 (36)	1/4	480	1	238-UT09T	C
	208	3	28	64 (36)	1/4	208	1	238-UT09D	C
	240	3	24	64 (36)	1/4	240	1	238-UT09K	C
	480	3	12	64 (36)	1/4	480	1	238-UT09U	C
10	240	1	44	70 (39)	1/4	240	1	238-UT10J	C
	480	1	22	70 (39)	1/4	480	1	238-UT10T	C
	208	3	30	70 (39)	1/4	208	1	238-UT10D	C
	240	3	27	70 (39)	1/4	240	1	238-UT10K	C
	480	3	14	70 (39)	1/4	480	1	238-UT10U	S
12	480	1	27	62 (34)	1/4	480	1	238-UT12T	C
	208	3	36	62 (34)	1/4	208	1	* 238-UT12D	C
	240	3	32	62 (34)	1/4	240	1	* 238-UT12K	C
	480	3	16	62 (34)	1/4	480	1	* 238-UT12U	C
12.5	208	3	37	31 (17)	1/4	208	1	238-UL13D	C
	240	3	33	31 (17)	1/4	240	1	238-UL13K	C
	480	3	17	31 (17)	1/4	480	1	238-UL13U	C
15	208	3	44	38 (21)	1/4	208	1	238-UL15D	C
	240	3	39	38 (21)	1/4	240	1	238-UL15K	C
	480	3	20	38 (21)	1/4	480	1	238-UL15U	S
20	480	3	26	35 (19)	1/4	480	1	* 238-UL20U	S
25	480	3	32	66 (37)	1/4	480	1	238-UA25U	C
30	480	3	38	79 (44)	1/4	480	1	238-UA30U	S
35	480	3	44	61 (34)	1/4	480	1	* 238-UA35U	C
38.4	480	3	48	70 (39)	1/4	480	1	* 238-UA39U	C

\* Premium motor comes standard with heater.

(2) Availability Code: S = Stock, C = Custom

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