

OHX Explosion-Proof Unit Heater

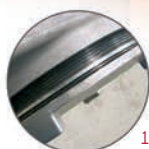
New products



Front view with built-in thermostat



Rear view with built-in thermostat and disconnect switch



1



2



3



4



5

Features

Color

- Standard: red.

Finish

- Standard: epoxy/polyester powder paint.

Voltage

- 208V, 240V, 480V, 600V, 1 or 3-phase.

Construction

- 14-gauge steel cabinet.
- Adjustable anodized aluminum louvers.
- Cast aluminum control and element enclosure lids NEMA Type 7 and 9 with O-ring. **1**
- Fan Guard: multiple horizontal stiffening wires. **2**

Protection

- High temperature pressure relief device. **3**
- Two high-limit temperature controls: one with automatic reset and one with manual reset.

Fan

- Explosion-proof, thermally protected, permanently lubricated ball bearing motor. **4**
- 5 to 20kW: 1/4 HP, 1725 rpm.
- 25 to 35kW: 1/2 HP, 1725 rpm.

Temperature code

- 5 to 30kW: T3B 165 °C (329 °F) Class I and II.
- 35kW: T3A 180 °C (356 °F) Class I and II.

Heat exchanger

- High grade metal-sheathed elements fins with ethylene glycol/water solution.
- Long-life, low watt density.
- Evacuated and sealed, carbon steel tube core with 10 aluminum fins per inch.
- Division System: 5 to 30kW = T3B 165 °C (329 °F), 35kW = T3A 180 °C (356 °F).
- Zone System T3 200 °C (392 °F).

Control

- 120V control (standard). **5**
- Optional 24V control.
- Optional built-in or wall thermostat.
- Optional thermostat guard.
- Optional disconnect switch.

Installation

- Accessories available.

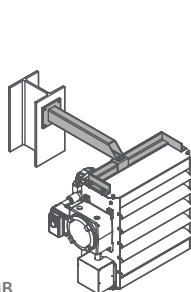
Warranty

- 3-year warranty against defects.

Application

- Paint room, petrochemical plant, refinery, chemical plant, mining industry, sawmill.

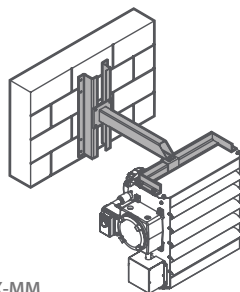
Consult the Electrical Code in your area before installing this unit.



OHX-MB

Basic Mounting Bracket

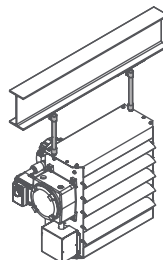
The OHX-MB is suitable for applications where the support arm can be bolted or welded directly to structural steel or concrete.



OHX-MM

Wall Mounting Bracket

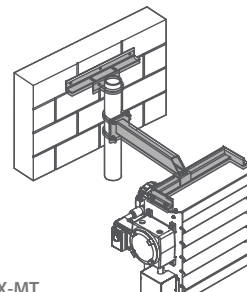
For use in buildings that have substantial walls. The Z sections provide additional support where necessary.



OHX-MS

Hanging Mounting Bracket

Ideal and economical if adequate overhead structure exists. Requires 1/2 in. pipe, cut and threaded (min. Sch. 40, not supplied).



OHX-MT

Pipe Mounting Bracket

For buildings with insufficient strength to use other types of mounting brackets. Requires 3 in. pipe (3 1/2 in. O.D., min. Sch. 40, not supplied).

OHX

Models

kW	Product #						BTU/hr	cfm	T° Rise		T° Code ²	Weight ¹	
	208V (1 ph)	208V (3 ph)	240V (1 ph)	240V (3 ph)	480V (3 ph)	600V (3 ph)			°C	°F		lb	kg
5.0	OHX05008	OHX05038	OHX05000	OHX05030	OHX05034	OHX05036	17060	400	21.2	38.1	T3B	188	85.3
7.5	OHX07508	OHX07538	OHX07500	OHX07530	OHX07534	OHX07536	25590	600	22.4	40.4	T3B	188	85.3
10.0	-	OHX10038	OHX10000	OHX10030	OHX10034	OHX10036	34120	800	21.6	38.8	T3B	192	87.1
15.0	-	OHX15038	-	OHX15030	OHX15034	OHX15036	51180	1200	21.7	39.1	T3B	224	101.6
20.0	-	-	-	-	OHX20034	OHX20036	68240	1700	20.7	37.3	T3B	224	101.6
25.0	-	-	-	-	OHX25034	OHX25036	85300	2100	20.8	37.5	T3B	261	118.4
30.0	-	-	-	-	OHX30034	OHX30036	102360	3000	17.5	31.5	T3B	261	118.4
35.0	-	-	-	-	OHX35034	OHX35036	119420	3000	20.4	36.7	T3A	261	118.4

Options

Product #	Description	Factory Installed	Kit
OHX-24	Transformer and contactor for 24V (also compatible with OHX-TM)	✓	-
OHX-DIS	Disconnect switch	✓	-
OHX-MB1	Basic mounting bracket, 5 to 10kW units	-	✓
OHX-MB2	Basic mounting bracket, 15 to 20kW units	-	✓
OHX-MB3	Basic mounting bracket, 25 to 35kW units	-	✓
OHX-MM1	Wall mounting bracket, 5 to 10kW units	-	✓
OHX-MM2	Wall mounting bracket, 15 to 20kW units	-	✓
OHX-MM3	Wall mounting bracket, 25 to 35kW units	-	✓
OHX-MS	Hanging mounting bracket, all models	-	✓
OHX-MT1	Pipe mounting bracket, 5 to 10kW units	-	✓
OHX-MT2	Pipe mounting bracket, 15 to 20kW units	-	✓
OHX-MT3	Pipe mounting bracket, 25 to 35kW units	-	✓
OHX-T	Explosion-proof built-in thermostat, range 5 °C (40 °F) to 27 °C (80 °F), 22A at 277V	✓	-
OHX-TWG	Explosion-proof built-in thermostat, range 5 °C (40 °F) to 27 °C (80 °F), 22A at 277V with guard	✓	-
OHX-TM	Explosion-proof wall thermostat, range 5 °C (40 °F) to 27 °C (80 °F), 22A at 277V	-	✓
OHX-TMWG	Explosion-proof wall thermostat, range 5 °C (40 °F) to 27 °C (80 °F), 22A at 277V with guard	-	✓
OHX-TG	Thermostat guard for built-in or wall thermostat	-	✓
XDC-01	Explosion-proof wall mount disconnect switch	-	✓

¹ Shipping weight.

² Temperature code: T3B = 165 °C (329 °F), T3A = 180 °C (356 °F).

Standard color is red.

Approved locations

Class I, Divisions 1 and 2, Groups C and D.

Class II, Divisions 1 and 2, Groups F and G.

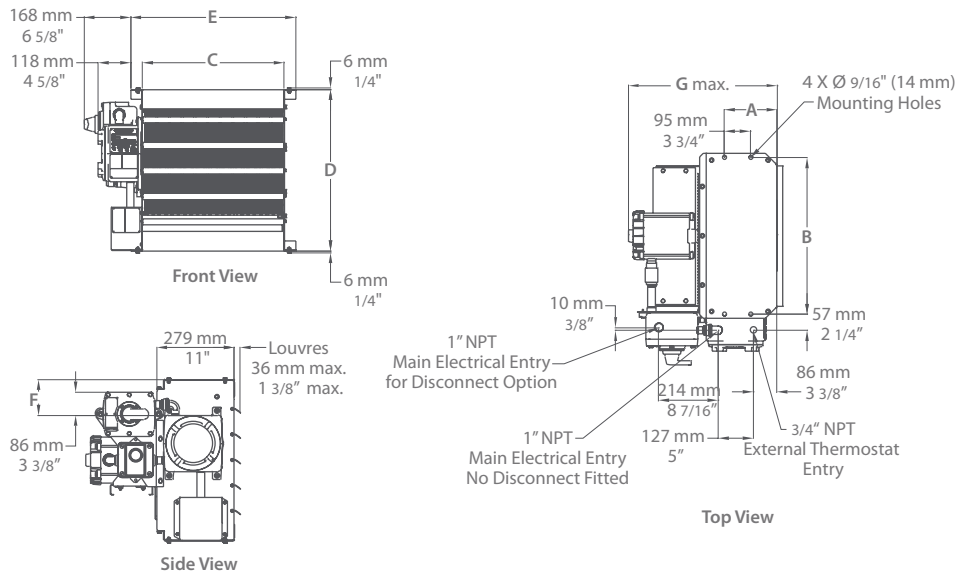
Temperature code: T3B (5 to 30kW), T3A (35kW).

Class I, Zones 1 & 2, Groups IIA & IIB, T3.

Temperature limitations

Ambient temperature: -45 °C to 40 °C (-49 °F to 104 °F).

Maximum altitude: 3048 m (10 000 ft.) above sea level.



Models	5 to 10kW	15 to 20kW	25 to 35kW
Fan	12" (305 mm)	16" (406.4 mm)	20" (508 mm)
Dim.	in. (mm)	in. (mm)	in. (mm)
A	7.5 (190.5)	7.5 (190.5)	7.5 (190.5)
B	18.19 (462)	22.28 (566)	26.26 (667)
C	16.3 (414)	20.28 (515)	24.29 (617)
D	19 (483)	23 (584)	27 (686)
E	19.45 (494)	23.46 (596)	27.44 (697)
F	3.1 (79)	5.1 (130)	7.1 (180)
G	22.25 (565)	22.25 (565)	23.25 (591)