

Notes

1. Net weight

Without Disconnect Switch
3, 5 & 7.5kW = 129 lbs (58.5 kg)
10 kW = 133 lbs (60.3 kg)

With Disconnect Switch
3, 5 & 7.5kW = 142 lbs (64.4 kg)
10 kW = 146 lbs (66.2 kg)

2. Shipping Weight

Without Disconnect Switch
3, 5 & 7.5kW = 188 lbs (85.3 kg)
10 kW = 192 lbs (87.1 kg)

With Disconnect Switch
3, 5 & 7.5kW = 201 lbs (91.2 kg)
10 kW = 205 lbs (93.0 kg)

3. Ambient Temperature Limits and Altitude

Operating: -40°F to 104°F (-40°C to 40°C)
Storage: -58°F to 140°F (-50°C to 60°C)
Maximum Altitude: 10,000 ft (3048 m) ASL

4. Air Delivery

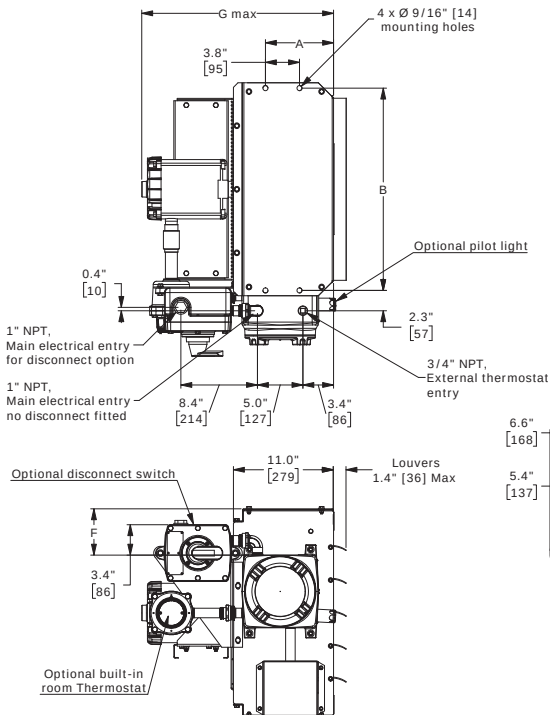
3 kW = 350 cfm (595 m³/hr)
5 kW = 400 cfm (680 m³/hr)
7.5 kW = 600 cfm (1019 m³/hr)
10 kW = 800 cfm (1359 m³/hr)

5. Hazardous Location Classification

Class I, Divisions 1 & 2, Groups C & D
Class II, Divisions 1 & 2, Groups F & G
Temperature Code T3B (3kW = T3A)
Class I, Zones 1 & 2, Groups IIA & IIB, T3

6. Materials

Cabinet: 14 Ga, Yellow Epoxy/Polyester Powder Coated
Core: Carbon Steel with Copper-free Integral Aluminum Fins Coated with Black, High Heat Enamel
(Heresite coated core and/or cabinet available)



Heater Size	12 (3-10kW)
Dim.	Inches (mm)
A	7.5 (191)
B	18.2 (462)
C	16.3 (414)
D	19.0 (483)
E	19.5 (495)
F	3.1 (79)
G	22.3 (566)

Table 1 Specifications For XEU1 Heater, 12" Fan Size With Available Options

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KW (BTU/HR)	Line Volt	PH Ø	Fan Dia. (inch)	Total Amps	Minimum Circuit Ampacity	Max Fuse Size	Supply Wire 90°C (AWG)	BASE MODEL	Control Voltage 120V or 24V		Built-in Thermostat T1 or T2		Built-in Disconnect Switch	Built-in Pilot Light	Continuous Fan
									120	24	T1	T2			
3 (10236)	208	1	12	16.7	20.9	25	12	XEU1-12-030-208160	☐	☐	☐	☐	☐	☐	☐
		3		9.4	11.8	15	14	XEU1-12-030-208360	☐	☐	☐	☐	☐	☐	☐
	240	1		14.9	18.6	20	12	XEU1-12-030-240160	☐	☐	☐	☐	☐	☐	☐
		3		8.3	10.4	15	14	XEU1-12-030-240360	☐	☐	☐	☐	☐	☐	☐
	480	3		4.2	5.2	15	14	XEU1-12-030-480360	☐	☐	☐	☐	☐	☐	☐
5 (17060)	600	3		3.3	4.1	15	14	XEU1-12-030-600360	☐	☐	☐	☐	☐	☐	☐
	208	1	12	26.3	32.9	35	8	XEU1-12-050-208160	☐	☐	☐	☐	☐	☐	☐
		3		15.0	18.7	20	12	XEU1-12-050-208360	☐	☐	☐	☐	☐	☐	☐
	240	1		23.2	29.0	30	10	XEU1-12-050-240160	☐	☐	☐	☐	☐	☐	☐
		3		13.1	16.4	20	12	XEU1-12-050-240360	☐	☐	☐	☐	☐	☐	☐
	480	3		6.6	8.2	15	14	XEU1-12-050-480360	☐	☐	☐	☐	☐	☐	☐
7.5 (25590)	600	3		5.2	6.6	15	14	XEU1-12-050-600360	☐	☐	☐	☐	☐	☐	☐
	208	1	12	38.4	47.9	50	8	XEU1-12-075-208160	☐	☐	☐	☐	☐	☐	☐
		3		21.9	27.4	30	10	XEU1-12-075-208360	☐	☐	☐	☐	☐	☐	☐
	240	1		33.7	42.1	45	8	XEU1-12-075-240160	☐	☐	☐	☐	☐	☐	☐
		3		19.1	23.9	25	10	XEU1-12-075-240360	☐	☐	☐	☐	☐	☐	☐
	480	3		9.6	12.0	15	14	XEU1-12-075-480360	☐	☐	☐	☐	☐	☐	☐
10 (34120)	600	3		7.6	9.6	15	14	XEU1-12-075-600360	☐	☐	☐	☐	☐	☐	☐
	208	1	12	28.9	36.1	40	8	XEU1-12-100-208360	☐	☐	☐	☐	☐	☐	☐
		3		44.1	55.1	60	8	XEU1-12-100-240160	☐	☐	☐	☐	☐	☐	☐
	240	1		25.2	31.4	35	8	XEU1-12-100-240360	☐	☐	☐	☐	☐	☐	☐
		3		12.6	15.7	20	12	XEU1-12-100-480360	☐	☐	☐	☐	☐	☐	☐
	480	3		10.1	12.6	15	14	XEU1-12-100-600360	☐	☐	☐	☐	☐	☐	☐

XEU1 - 12 - 100 - 480 3 60 - A - Y - B

Model Series
Generation
For major revisions

Fan Size
12 Inches 12

Power Output
3 kW 030
5 kW 050
7.5 kW 075
10 kW 100

Heater Line Voltage
208 Volts 208
240 Volts 240
480 Volts 480
600 Volts 600

Phase
1 Phase 1
3 Phase 3

Product Revision No.
For minor revisions

Factory Built-in Options
N No options selected
Y Yes, options selected

Options Codes
(stamped on separate field of data plate)
T1 Thermostat (BTX1-N-A)
T2 Thermostat (XET1-1-N-A)
D Disconnect Switch
P Pilot Light (Heat On)
F Continuous Fan
H1 Heresite Core
H2 Heresite Cabinet
H3 Heresite Core/Cabinet

Control Voltage
A 120 Volt
B 24 Volt

Frequency
60 60 Hertz

Requires 24VAC control >

Includes louvers & fan blade >

Approval Drawing	XEU1, 12" Fan Size Heater
June 21, 2019	Version 4.0
Hazloc Heaters Inc.	Calgary, Alberta

