

Notes

1. Net weight

Without Disconnect Switch	192 lbs (87.1 kg)
With Disconnect Switch	205 lbs (92.9 kg)

2. Shipping Weight

Without Disconnect Switch	261 lbs (118.4 kg)
With Disconnect Switch	237 lbs (124.3 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

25 kW = 2100 cfm (3568 m³/hr)
30 kW = 3000 cfm (5097 m³/hr)
35 kW = 3000 cfm (5097 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 (35kW = 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)

Table 1 Specifications For XEU1 Heater, 20" Fan Size With Available Options

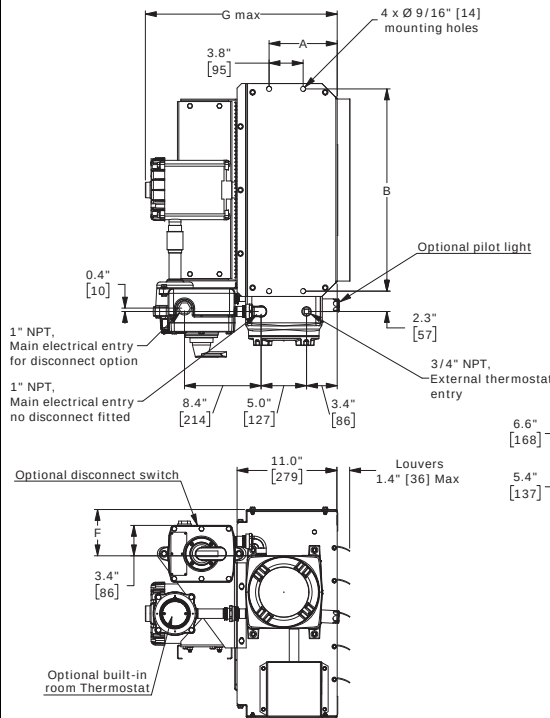
Page 1 of 2

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 ☑			
25 (85300)	480	3	20	31.3	39.1	40	8	XEU1-20-250-480360	☐	☐	☐	☐	☐	☐	☐
	600	3		25.1	31.3	35	8	XEU1-20-250-600360	☐	☐	☐	☐	☐	☐	☐
30 (102360)	480	3	20	37.3	46.6	50	8	XEU1-20-300-480360	☐	☐	☐	☐	☐	☐	☐
	600	3		29.9	37.3	40	8	XEU1-20-300-600360	☐	☐	☐	☐	☐	☐	☐
35 (119420)	480	3	20	43.3	54.1	60	8	XEU1-20-350-480360	☐	☐	☐	☐	☐	☐	☐
	600	3		34.7	43.3	45	8	XEU1-20-350-600360	☐	☐	☐	☐	☐	☐	☐



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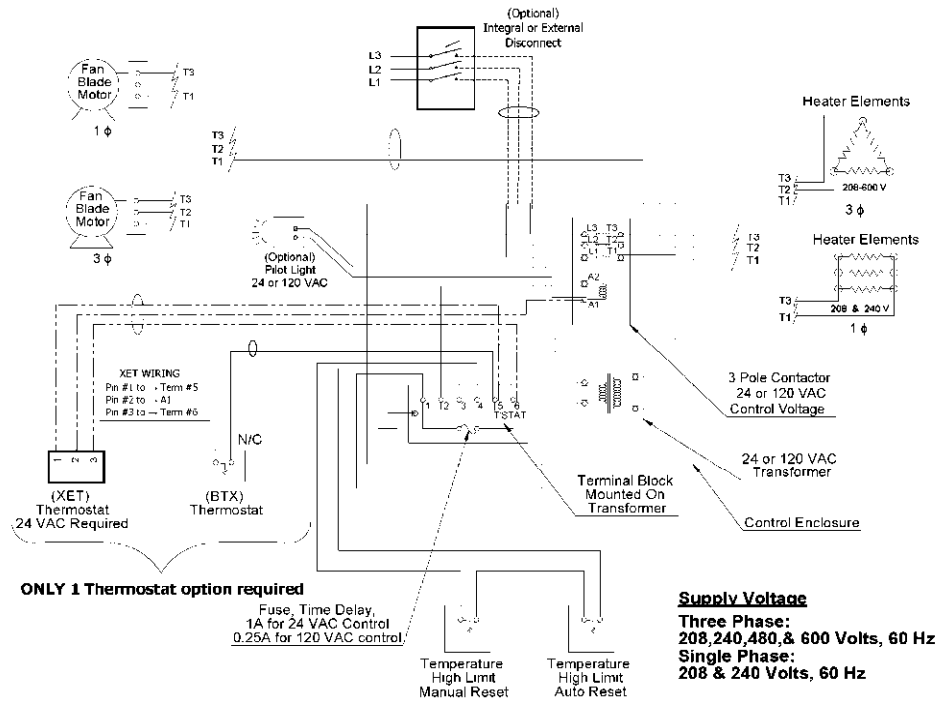
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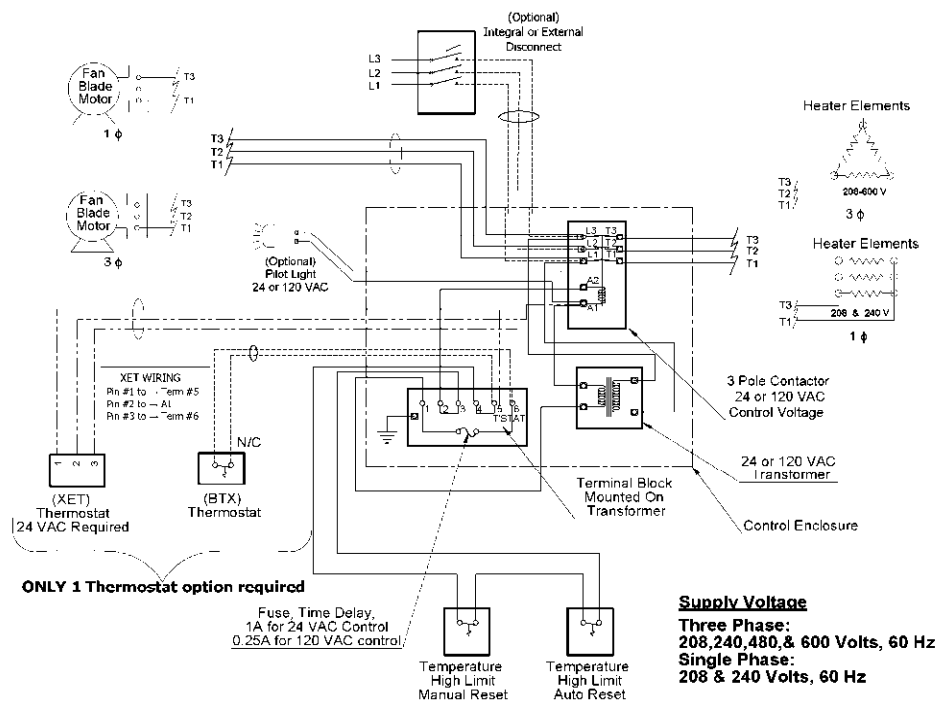
Heater Size	20 (25-35kW)
Dim.	Inches (mm)
A	7.5 (191)
B	26.3 (668)
C	24.3 (617)
D	27.0 (686)
E	27.5 (699)
F	7.1 (180)
G	23.3 (592)

Model Series		XEU 1 - 20 - 250 - 480 3 60 - A - Y - B		Product Revision No. For minor revisions	
Generation For major revisions				Factory Built-in Options	
Fan Size 20 Inches 20				N No options selected Y Yes, options selected	
Power Output				Options Codes (stamped on separate field of data plate)	
25 kW	250	20 inch fan size		T1 Thermostat (BTX1-N-A)	
30 kW	300	20 inch fan size		T2 Thermostat (XET1-1-N-A)	
35 kW	350	20 inch fan size		D Disconnect Switch	
Heater Line Voltage				P Pilot Light (Heat On)	
480 Volts	480			F Continuous Fan	
600 Volts	600			H1 Heresite Core	
Phase				H2 Heresite Cabinet	
1 Phase	1			H3 Heresite Core/Cabinet	
3 Phase	3			Control Voltage	
				A 120 Volt	
				B 24 Volt	
				Frequency	
				60 60 Hertz	

Wiring Diagram for Standard Fan Operation



Wiring Diagram for Continuous Fan Operation



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Approval Drawing	XEU1, 20" Fan Size Heater
June 21, 2019	Version 4.0
Hazloc Heaters Inc.	Calgary, Alberta