

**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 m<sup>3</sup>/hr)  
 5 kW = 400 cfm (680 m<sup>3</sup>/hr)  
 7.5 kW = 600 cfm (1019 m<sup>3</sup>/hr)  
 10 kW = 800 cfm (1359 m<sup>3</sup>/hr)

**5. Hazardous Location Classification**

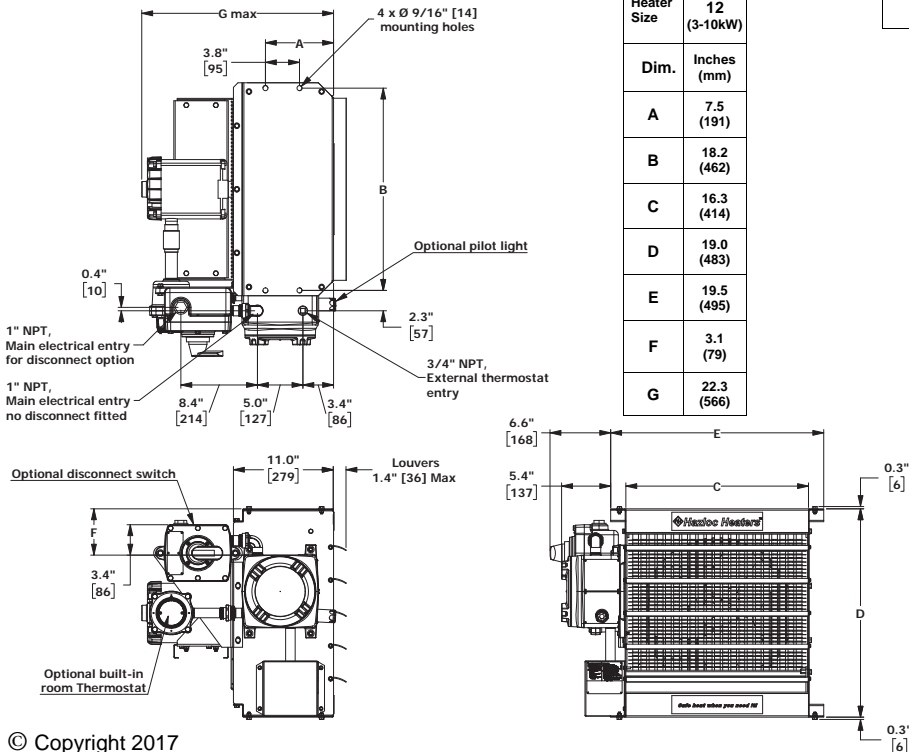
Class I, Divisions 1 & 2, Groups C & D  
 Class II, Divisions 1 & 2, Groups F & G  
 Temperature Code T3B (3kW = T3A)  
 Class I, Zones 1 & 2, Groups IIA & IIB, T3

**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)

**Table 1 Specifications for XEU1 Heater, 12" Fan Size**

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	Built-in Disconnect Switch	Built-in Pilot Light	Continuous Fan	
									120 <input checked="" type="checkbox"/>	24 <input checked="" type="checkbox"/>					
<b>3 (10236)</b>	208	3	12	1	16.7	20.9	25	12	XEU1-12-030-208160	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				3	9.4	11.8	15	14	XEU1-12-030-208360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	240	3	1	14.9	18.6	20	12	XEU1-12-030-240160	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			3	8.3	10.4	15	14	XEU1-12-030-240360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	480	3	4.2	5.2	15	14	XEU1-12-030-480360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
600	3	3.3	4.1	15	14	XEU1-12-030-600360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>5 (17060)</b>	208	3	12	1	26.3	32.9	35	8	XEU1-12-050-208160	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				3	15.0	18.7	20	12	XEU1-12-050-208360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	240	3	1	23.2	29.0	30	10	XEU1-12-050-240160	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			3	13.1	16.4	20	12	XEU1-12-050-240360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	480	3	6.6	8.2	15	14	XEU1-12-050-480360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
600	3	5.2	6.6	15	14	XEU1-12-050-600360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>7.5 (25590)</b>	208	3	12	1	38.4	47.9	50	8	XEU1-12-075-208160	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				3	21.9	27.4	30	10	XEU1-12-075-208360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	240	3	1	33.7	42.1	45	8	XEU1-12-075-240160	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			3	19.1	23.9	25	10	XEU1-12-075-240360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	480	3	9.6	12.0	15	14	XEU1-12-075-480360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
600	3	7.6	9.6	15	14	XEU1-12-075-600360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
<b>10 (34120)</b>	208	3	12	1	28.9	36.1	40	8	XEU1-12-100-208360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				3	44.1	55.1	60	8	XEU1-12-100-240160	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	240	3	1	25.2	31.4	35	8	XEU1-12-100-240360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
			3	12.6	15.7	20	12	XEU1-12-100-480360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	600	3	10.1	12.6	15	14	XEU1-12-100-600360	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	



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)

**XEU 1 - 12 - 100 - 480 3 60 - A - Y - B**

<b>Model Series</b>	XEU 1
<b>Generation</b>	12
<b>Fan Size</b>	100
<b>Power Output</b>	480
<b>Heater Line Voltage</b>	3
<b>Phase</b>	60
<b>Product Revision No.</b>	A
<b>Factory Built-in Options</b>	Y
<b>Options Codes</b>	B

Includes louvers & fan blade >

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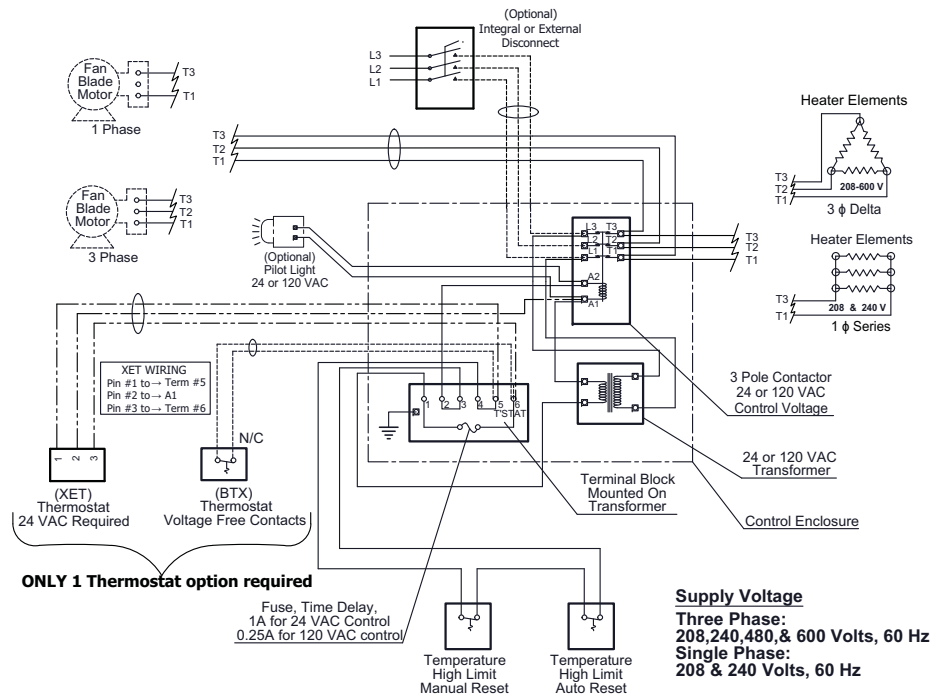
<b>Control Voltage</b>	A	120 Volt
	B	24 Volt

<b>Frequency</b>	60	60 Hertz
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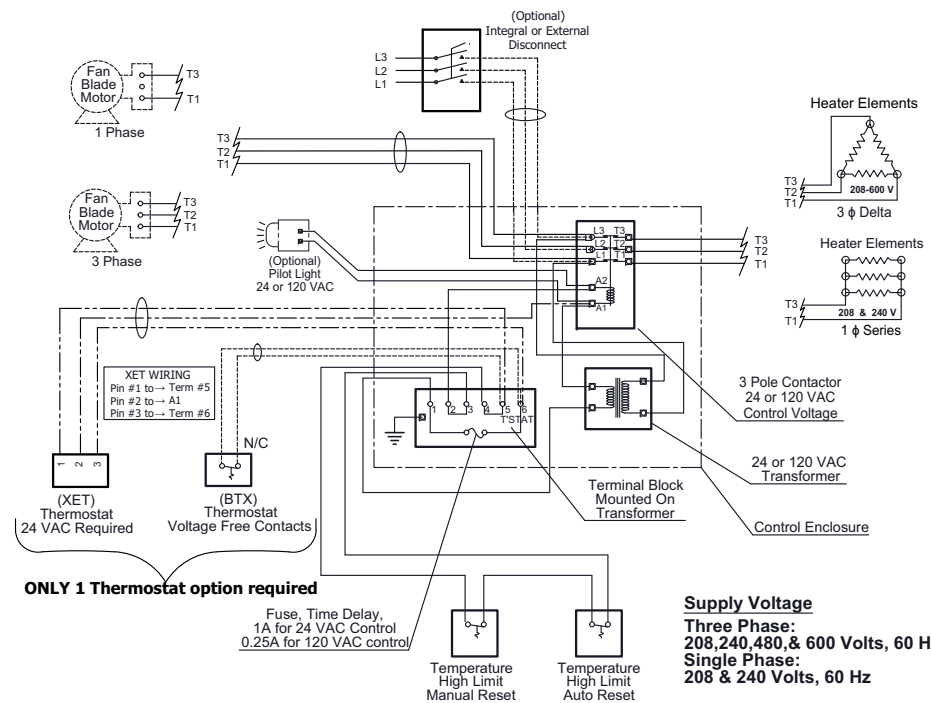
Approval Drawing XEU1, 12" Fan Size Heater  
 Sept. 25, 2017 Version 3.2  
 Hazloc Heaters Inc. Calgary, Alberta



### Wiring Diagram for Standard Fan Operation



### Wiring Diagram for Continuous Fan Operation



Approval Drawing	XEU1, 12" Fan Size Heater
Feb. 17., 2017	Version 3.1
Hazloc Heaters Inc.	Calgary, Alberta