

FIGURE A

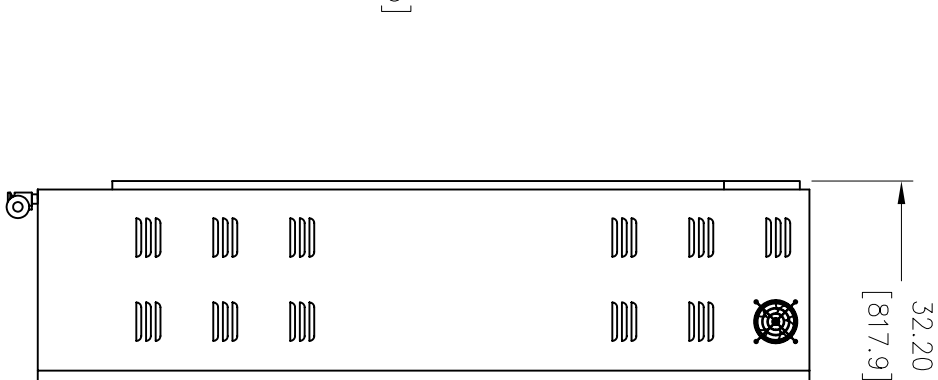
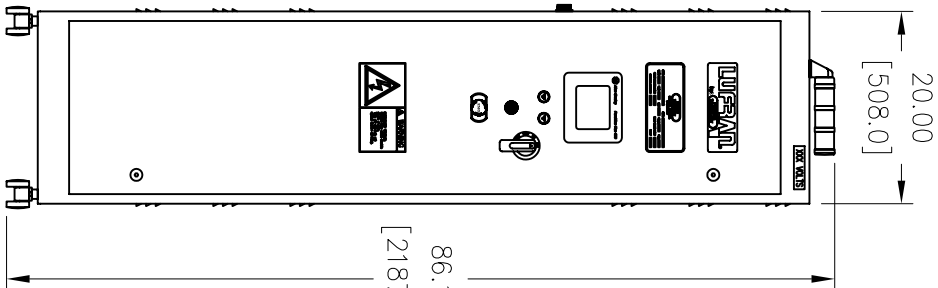


FIGURE B

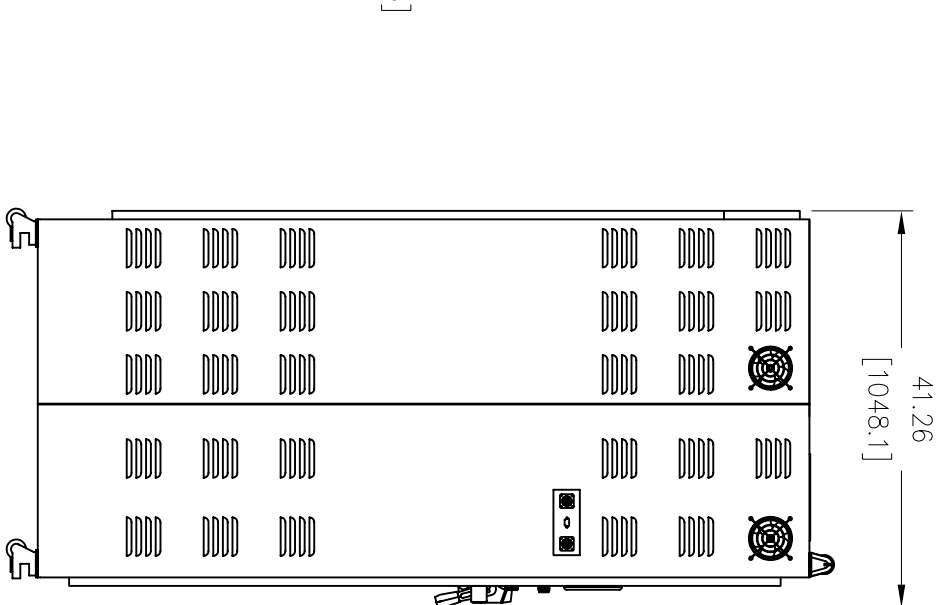
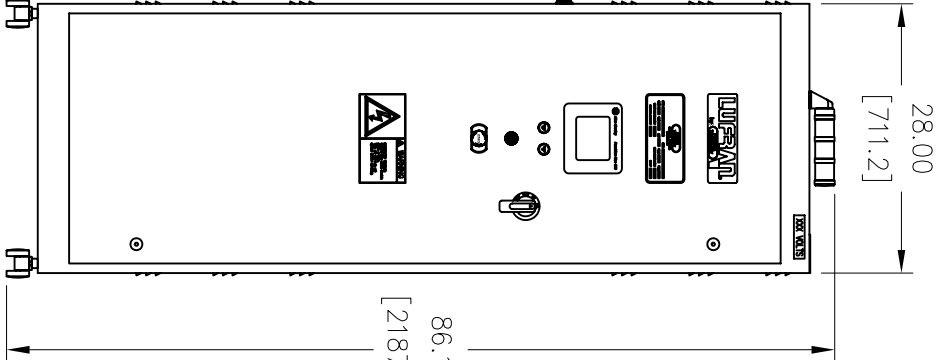
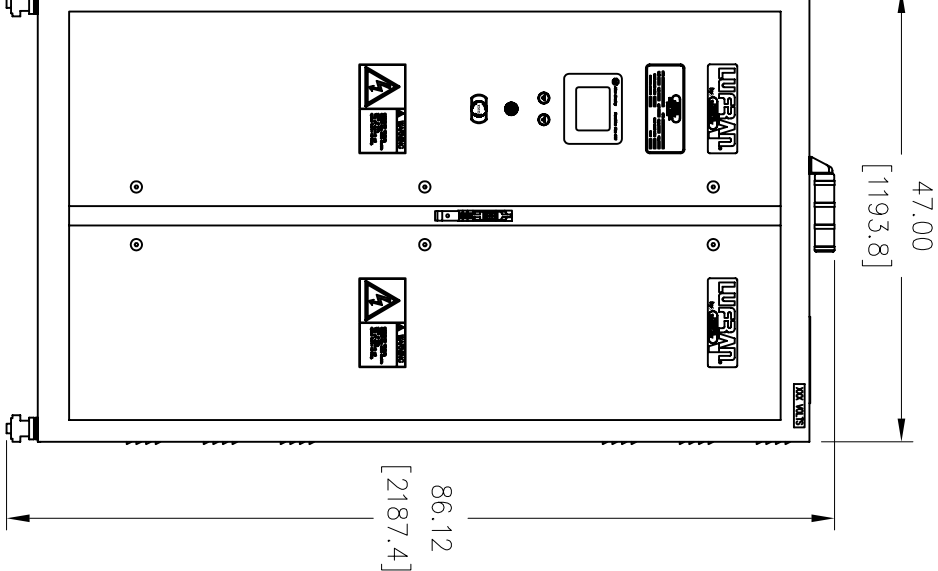


FIGURE C



WATTAGE (KW)	VOLTAGE	PLUMBING CONNECTIONS	FLOW CONTROL	OPTIONS
<b>024</b> = 24,000 (fig. A) <b>036</b> = 36,000 (fig. A) <b>052</b> = 52,500 (fig. A) <b>065</b> = 65,000 (fig. A) <b>072</b> = 72,000 (fig. A) <b>105</b> = 105,000 (fig. B) <b>130</b> = 130,000 (fig. B) <b>144</b> = 144,000 (fig. B) <b>157</b> = 157,500 (fig. C) <b>195</b> = 195,000 (fig. C) <b>210</b> = 210,000 (fig. C) <b>216</b> = 216,000 (fig. C) <b>260</b> = 260,000 (fig. C) <b>288</b> = 288,000 (fig. C)	<b>1</b> = 208VAC <b>2</b> = 240VAC <b>3</b> = 380VAC <b>4</b> = 400VAC <b>5</b> = 415VAC <b>6</b> = 480VAC <b>7</b> = 440VAC <b>8</b> = 575VAC <b>9</b> = 220VAC <b>10</b> = 200VAC <b>12</b> = 120VAC <b>14</b> = 600VAC	<b>A</b> = 1/2" Flared <b>B</b> = 3/4" Flared <b>C</b> = 1" Flared <b>D</b> = 3/4" Flared and 32mm Union Manifold connectors <b>E</b> = 3/4" Flange <b>F</b> = 1/2" Threaded Female <b>G</b> = 3/4" Threaded Female <b>H</b> = 1" Threaded Female <b>I</b> = 1/2" Threaded Male <b>J</b> = 3/4 " Threaded Male <b>K</b> = 1" Threaded Male <b>L</b> = 25mm Butt Fusion <b>N</b> = 32mm Socket Fusion Union <b>P</b> = 1/2" Pillar <b>Q</b> = 3/4" Pillar <b>R</b> = 1" Pillar <b>S</b> = 3/8" Flared <b>T</b> = 3/8" Super 300 Pillar <b>U</b> = 25mm Socket Fusion Union <b>V</b> = 1/2" Super 300 Pillar <b>W</b> = 3/4" Super 300 Pillar <b>X</b> = 1" Super 300 Pillar	<b>5</b> = Ultrasonic (Thorion, 1/2", <=52kw) 2-20 lpm <b>6</b> = Ultrasonic (Thorion, 3/4", >52kw) 10-70 lpm <b>7</b> = Non-Invasive (Honda, 1/2", <=52kw) 0.5-20 lpm <b>8</b> = Non-Invasive (Honda, 3/4", >52kw) 1-50 lpm <b>9</b> = Ultrasonic (Thorion, 1", >210kw) 15-150 lpm	<b>Blank</b> = No Options <b>C1</b> = Ethernet Communications <b>C2</b> = Devicenet Communications <b>C3</b> = RS232 Communications <b>C4</b> = RS485 Communications <b>C5</b> = ModBus Communications <b>C#</b> = Other Communications <b>CS</b> = Color Touch Screen <b>RI</b> = Expanded Remote Interface Signals <b>R#</b> = Other Remote Interface Designs <b>ROI</b> = Remote Operator Interface

- NOTES
1. NOT ALL WATTAGE/VOLTAGE COMBINATIONS AVAILABLE AS STANDARD.

2. CASTERS AND DISCONNECT STANDARD ON ALL UNITS.

3. PLUMBING CONNECTIONS ARE 25mm SOCKET FUSION UNIONS, UNLESS OTHERWISE SPECIFIED.

4. CABINET TO BE POWDER COATED, UNLESS OTHERWISE SPECIFIED.

5. UNLESS OTHERWISE SPECIFIED, REMOTE INTERFACE TO INCLUDE THE FOLLOWING CUSTOMER INPUT SIGNALS:  
-REMOTE EMO  
-REMOTE START/STOP  
-REMOTE SETPOINT (4-20mA)

6. UNLESS OTHERWISE SPECIFIED, REMOTE INTERFACE TO INCLUDE THE FOLLOWING CUSTOMER OUTPUT SIGNALS:  
-SYSTEM ENABLED SIGNAL  
-SYSTEM OPERATING SIGNAL  
-SYSTEM AT SETPOINT SIGNAL  
-SYSTEM FAULT SIGNAL

1	DJO	6/14/07	ADD 216 kW TO WATTAGE TABLE
REV.	BY	DATE	DESCRIPTION OF CHANGE

UNLESS NOTED, TOLERANCES ARE:  
0.00 = ±.25  
0.000 = ±.125  
ANGLES = ±1°

INCHES (mm)

3rd ANGLE PROJECTION

**PROCESS TECHNOLOGY®**

7010 LINDSAY DR, MENTOR OH USA  
(P) 440-946-9500 (F) 440-974-9561  
WWW.PROCESS-TECHNOLOGY.COM

DRAWN BY: RUF

DATE: 02/03/06

DESIGNER:

DATE:

DESCRIPTION:

SALES DRAWING: LUFRAH HEATER

APPROVED BY:

SIZE: B

SCALE: 1:20

DRAWING No. 43-0155-1

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