



## Enduro Ti Commercial Condensing Heating Boiler Submittal

**JOB NAME:**

**LOCATION:**

**ARCH./ENGR.:**

**WHOLESALER:**

**MECH. CONTRACTOR:**

**MODEL NUMBER:**

**BTU/HR INPUT LOW - HIGH FIRE:**

**TYPE OF GAS:**

**NOTES:**

### Heat Exchanger

- 80 PSI ASME stamped construction. National Board listed.
- Combustion side of heat exchanger constructed of ASTM A240 316Ti Titanium Stabilized Stainless Steel
- Water side of heat exchanger constructed of high grade carbon steel
- No banding material, gaskets, or “O” rings in the header configuration
- ASME 75 PSI relief valve
- Front service access to combustion chamber and burner
- Inlet and outlet temperature sensor

### Combustion System

- Modulating burner with 10 to 1 turndown
- 92% thermal efficiency (All Models)
- High-Grade Inconel inward firing burner design
- Spark ignition
- Models available for Natural Gas
- Observation port for flame monitoring
- Gas Valve pressure range 3 ½” minimum to 14” maximum Water Column

### Integrated Control System

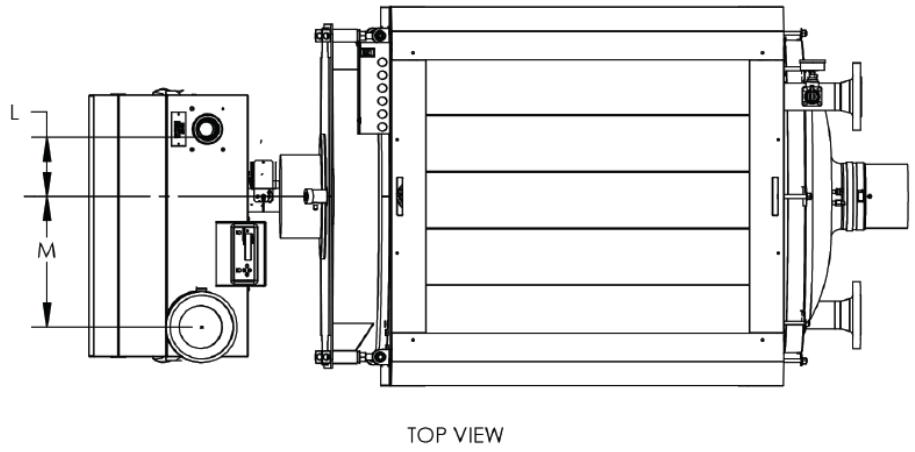
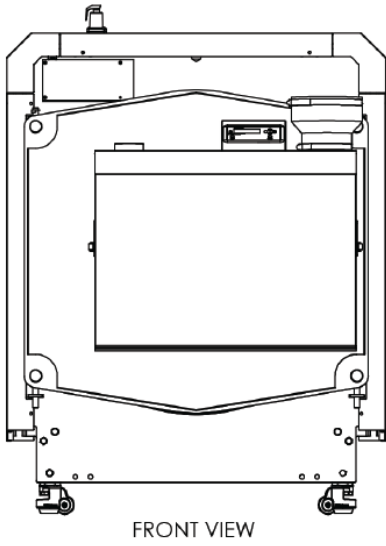
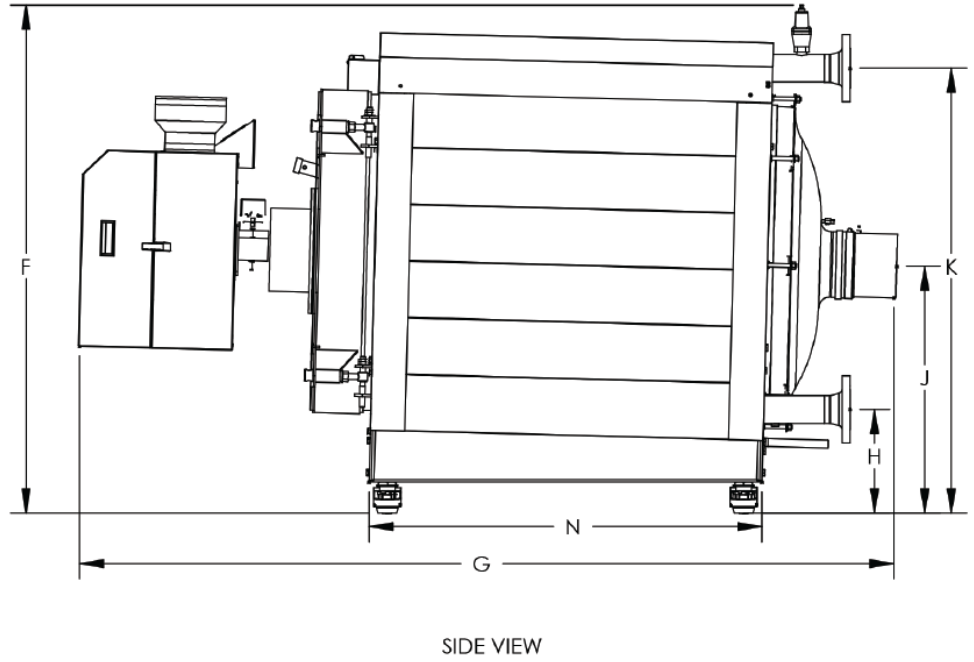
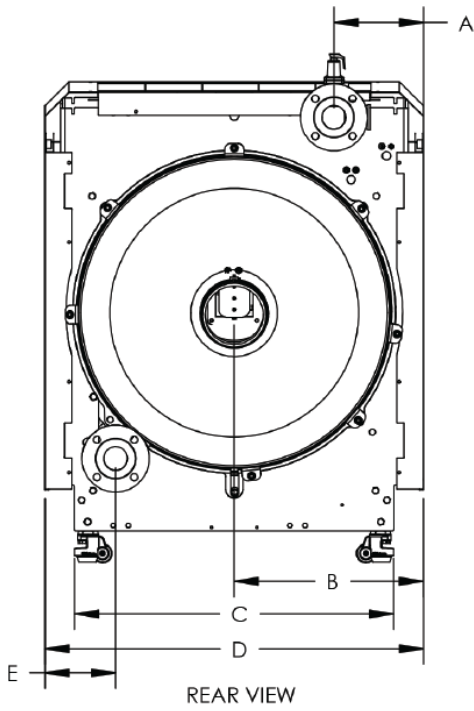
- 928 Digital operating control with LED display - Monitors System Pump – Boiler Pump – DHW Pump – System Error and Fault – System Operation – Freeze Protection – Flame On
- LED indicators for Fault and Cascade Master
- On/Off Switch
- Password protected
- Outdoor reset with indirect priority
- Multiple 120 volt 3 amp maximum pump outputs – Boiler pump – System pump - DHW pump
- 24 volt monitoring
- 0-10 VDC input from a building management system
- Boiler output regulation (adjustment of boiler output down to 10% of rated capacity)
- Cascade up to 8 boilers

### Additional Features

- Superior condensate collection system
- 10 year limited warranty
- Vents in PVC - CPVC - stainless steel – up to 140 equivalent feet (combined intake and exhaust)
- Built-in UL-353 Approved Low Water Cut-Off
- Field wiring connection board / Cascade wiring CAT 3 or 5
- Adjustable leveling
- Flue/ Water High temperature limit with Manual reset
- Dry contact for alarm output
- Blocked vent pressure switch
- Pressure and temperature gauge

### Optional Equipment

- Indirect Sensor (Part # 7250P-325)
- System Sensor (Part # 7250P-324)
- 6” Stainless Steel Outside Termination Vent Kit (Part # V3000)
- High and Low Gas Pressure Switch Kit with Manual Reset (Part # 6300P-991)
- Flow Switch Kit (Part # 6300P-990)
- Manual Reset High Temperature Limit (Part # 6300P-998)
- Alarm System to monitor any failure (Part # 7350P-602)
- Condensate Neutralizer (Part # 7350P-611)
- 928 PC Connection Cable w / Software (Part # 7450P-330)



MODEL	A	B	C	D*	E	F	G	H	J	K	L	M	N
750	8-1/2"	16-1/2"	30-3/4"	32-3/4"	8-1/2"	49"	81"	8-1/4"	25"	43"	6-1/4"	13-3/4"	41"
1000	9-1/4"	19-3/4"	36-1/4"	39-1/2"	7-1/4"	53"	85"	10-3/4"	25-3/4"	46-1/4"	6-1/4"	13-3/4"	41"
MODEL	SUPPLY/RETURN CONNECTION		GAS CONNECTION		VENT DIAMETER		SHIPPING WEIGHT						
750	2"		2"		6"		800 lbs.						
1000	2-1/2"		2"		6"		950 lbs.						

ALL DIMENSIONS ARE APPROXIMATE  
 \* - WIDTH AFTER SITE ASSEMBLY

LP-517-E  
 05/05/16