



185 Durham Street West, Mount forest, Onatrio N0G 2L1, Canada Tel.:1-519-509-5000

**Submittal**  
**EPN/EPW2000**  
 Stainless steel Boiler  
 Potable Water Heater  
 Pool Heater



|                       |  |
|-----------------------|--|
| Project Name          |  |
| Project location      |  |
| Contractor            |  |
| Engineering Firm      |  |
| Boiler Representative |  |
| Sales Rep. Phone      |  |
| Date Created          |  |

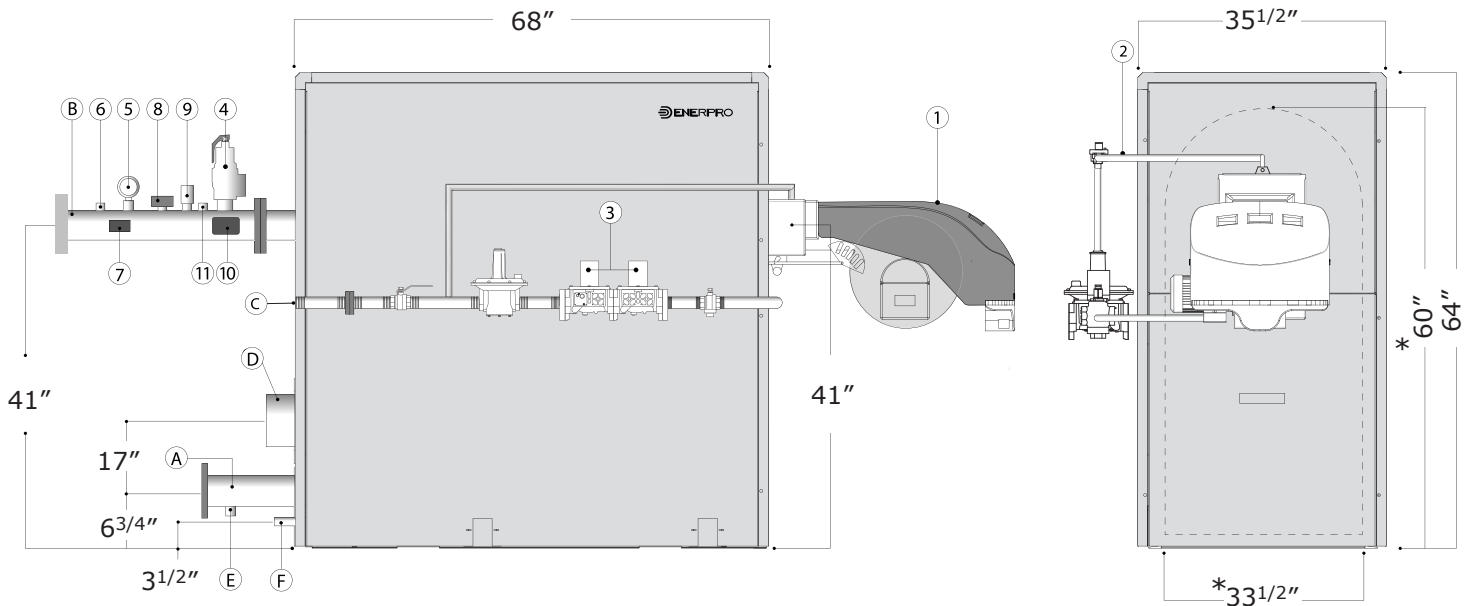
|              |  |
|--------------|--|
| Relief Valve |  |
| Notes        |  |
|              |  |
|              |  |
|              |  |
|              |  |
| Code         |  |

**Revision**

|   |  |       |   |  |       |
|---|--|-------|---|--|-------|
| 1 |  | Date: | 4 |  | Date: |
| 2 |  | Date: | 5 |  | Date: |
| 3 |  | Date: | 6 |  | Date: |

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## Submittal EPN/EPW2000 Stainless steel Boiler



- Ⓐ Boiler Return (#150 ANSI Flanged) 3"
- Ⓑ Boiler Supply (#150 ANSI Flanged) 3"
- Ⓒ Supply Gas (Refer to Burner Submittal)
- Ⓓ Boiler Exhaust 10" Dia
- Ⓔ Boiler Drain 3/4" NPT
- Ⓕ Condensate Drain 1 1/4" NPT

| Ref. | Description  | Size   | Ref. | Description            | Size |
|------|--|--------|------|------------------------|------|
| ①    | Riello Burner (refer to burner submittal for specifications) | -      | ⑦    | High Temperature Limit | 1/2" |
| ②    | Burner Pilot (Refer to Burner Submittal)                     | -      | ⑧    | Flow Switch            | 1"   |
| ③    | Main Gas Valves (Refer to Burner Submittal)                  | -      | ⑨    | Air Vent               | 1/4" |
| ④    | Pressure Relief Valve  | 1 1/4" | ⑩    | Low Water Cut Off      | 3/4" |
| ⑤    | Temperature Pressure Gauge                                   | 1/2"   | ⑪    | Spare Connection       | 3/4" |
| ⑥    | Temperature Sensor   | 1/2"   |      |                        |      |

\* Dimension without casing

## Submittal EPN/EPW2000 Stainless steel Boiler

| Boiler Specifications                  |        |                                 |
|--|--------|---------------------------------|
| Firing Sequence Operation              | -      | Fully Modulating                |
| Minimum Fuel Input                     | MBH/kW | 400/117.2                       |
| Maximum Fuel Input                     | MBH/kW | 2,000/586.2                     |
| Minimum Heat Output                    | MBH/kW | 390/114.3                       |
| Maximum Heat Output                    | MBH/kW | 1,916/561.5                     |
| Thermal Efficiency (Net)               | %      | up to 98%                       |
| Standby Losses (Average)               | %      | <1.0                            |
| Gas Type                               | Type   | Natural Gas / Propane           |
| Gas pressure NG/LPG                    | "w.c.  | 7"wc to 5 psig NG/7"-11" wc LPG |
| Maximum Flue Gas Temperature           | °F /°C | 230/110                         |
| Maximum Water Temperature Safety Limit | °F /°C | 210/99                          |
| Water Temperature Operating Range      | °F /°C | 32-200/0-93                     |
| MAWP (ASME)                            | psig   | 160                             |
| Water Capacity                         | USG/L  | 60/227                          |
| Dry Boiler Weight                      | LB/kg  | 1,950/885                       |
| Control Voltage                        | V/P/H  | 110/1/60                        |
| Blower Voltage                         | V/PH   | Refer to burner submittal       |