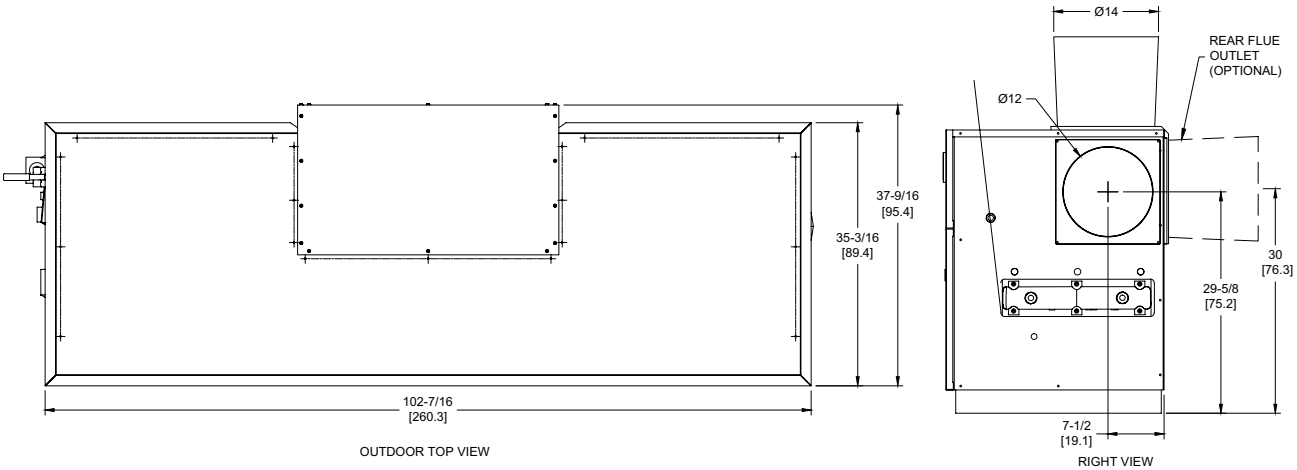
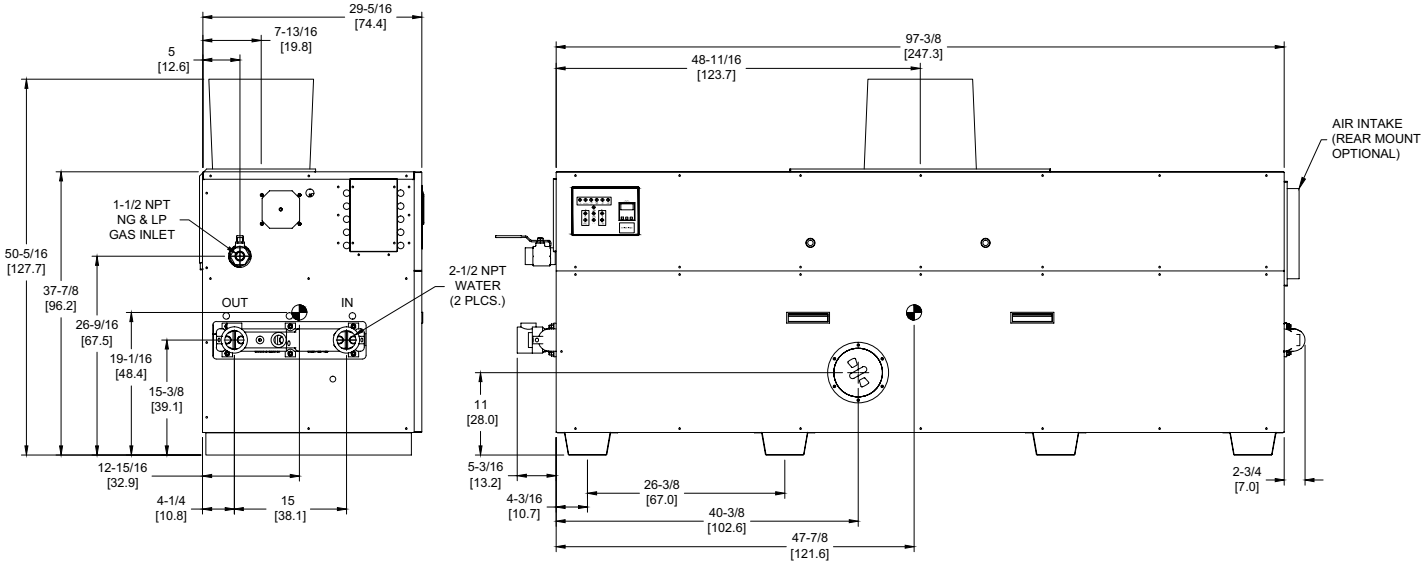
# DOMINATOR 1950

**Category I or Category III Appliance**
(see Installation and Operation Manual for venting information)




RSUB-35-G

**Boilers & Water Heaters not available for sale in Canada due to NRCan regulations.**

**Notes:**
1. Dimensions are approximate and should not be used to "rough-in" equipment.
2. Dimensions are subject to change without notice.
3. All dimensions are in inches (cm).
4. Symbol indicates center of gravity.

## BOILER CERTIFIED RATINGS & CAPACITIES

| | | | |
|---|---|---|---|
| **Fuel Type** | Natural/Propane Gas | **Boiler FLA** | 11.0* |
| **Input BTU/hr.** | 1,950,000 / 572 kW | **Min. Gas Pressure Required** | 7" WC** |
| **Output BTU/hr.** | 1,638,000 / 480 kW | **Max. Gas Pressure Allowed** | 14" WC |
| **Electrical Requirements** | 120VAC/ 1 ph/ 60 hz | **Operating Weight** | 1088 lbs. / 494 kg. |

## BOILER / WATER HEATER TRIM & CONTROLS

| | | | |
|---|---|---|---|
| **Main Gas Valve** | Honeywell (2) V8944 1" | **Pilot Valve** | Honeywell VR8205 |
| **Firing Valve** | Honeywell (2) B200T1033 1" | **Air Switch** | Cleveland RSS-495 |
| **Safety Valve** | ASCO L8214G 1-1/2" | **Blower Motor** | (2) 1/4 hp - FLA 10.2 |
| **Ignition Control** | UTC 1003-61A | **Relief Valve - DW** | 3/4" x 3/4" set @ 125 psi |
| **Operating Control** | Tekmar BTC-2PA | **Relief Valve - DB** | 3/4" x 1-1/4" set @ 50 psi |
| **Operating Control** | Tekmar BTC-4PA | **Flow Switch** | TACO |
| **High Limit** | Honeywell L4008E | | |

## A.S.M.E.

| | | | |
|---|---|---|---|
| **ASME Sect IV Htg Surface** | 189.0 Sq. Ft. / 17.56 Sq. M. | **Design Data** | Max. 160 psig & 250˚F |
| **Water Volume** | 5.4 gal / 20.4 Liters | | |

* Add circulator amps.
** For incoming gas pressures lower than 7"WC natural or 11"WC propane, consult factory.

## BOILER TEMPERATURE RISE / PRESSURE DROP

| 30°F / 16.7°C | | | | 35°F / 19.4°C | | | |
|---|---|---|---|---|---|---|---|
| Flow Rate | | Pressure Drop | | Flow Rate | | Pressure Drop | |
| GPM | L/s | Ft | kPa | GPM | L/s | Ft | kPa |
| 109.2† | 6.9† | 8.98 | 26.4 | 93.6 | 5.9 | 6.75 | 19.9 |

† Flow exceeds recommended maximum use a greater temperature rise or consult manufacturer. Cupronickel heat exchanger should be considered.

## WATER HEATER HOURLY RECOVERY CAPACITY (GPH & LPH)

| 40°F | 22°C | 60°F | 33°C | 80°F | 44°C | 100°F | 56°C | 120°F | 67°C | 140°F | 78°C |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4799 | 18140 | 3199 | 12093 | 2399 | 9070 | 1920 | 7256 | 1600 | 6047 | 1371 | 5183 |

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**REP FIRM** _____
**SUBMITTED BY** _____
**JOB NAME** _____
**ARCHITECT** _____
**ENGINEER** _____
**CONTRACTOR** _____
**DATE** _____

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