

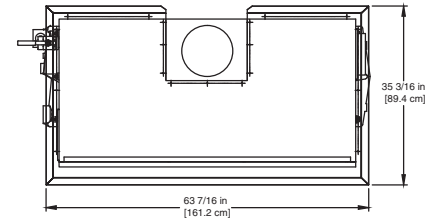
**CODE OPTIONS**

|                                     |   |
|-------------------------------------|---|
| <b>CSD-1</b>                        | UTC Lockout/Reset Control<br>Manual Reset LWCO    |
| <b>Kentucky</b><br>(Water Htr Only) | 200°F Maximum Operating Control<br>and High Limit |

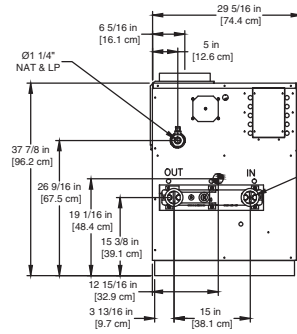
**NOTE:** Dimensions are approximate and should not be used to "rough-in" equipment.

\* Add circulator amps.

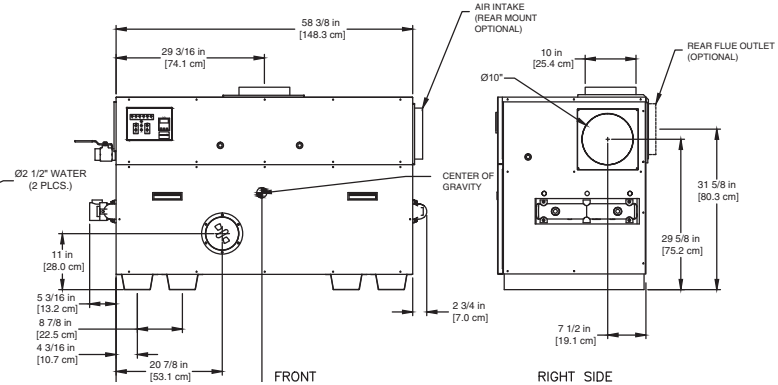
\*\*For incoming gas pressures lower than 7" WC natural or 11" WC propane, consult factory.



OUTDOOR TOP PANEL



LEFT SIDE



FRONT

RIGHT SIDE

RSUB-32-D

**AGA CERTIFIED RATINGS & CAPACITIES**

|                                |                             |                                   |                    |
|--------------------------------|-----------------------------|-----------------------------------|--------------------|
| <b>Fuel Type</b>               | Natural/Propane Gas         | <b>Boiler FLA</b>                 | 11.0*              |
| <b>Input BTU/hr.</b>           | 1,050,000 / 308 kW          | <b>Min. Gas Pressure Required</b> | 6" WC**            |
| <b>Output BTU/hr.</b>          | 892,500 / 262 kW            | <b>Max. Gas Pressure Allowed</b>  | 14" WC             |
| <b>Electrical Requirements</b> | 120VAC/ 1 ph/ 60 hz/ 14 amp | <b>Operating Weight</b>           | 772 lbs. / 350 kg. |

**TEMPERATURE RISE / PRESSURE DROP**

| 20°F / 11.1°C |               | 25°F / 13.9°C |               | 30°F / 16.7°C |               | 35°F / 19.4°C |               |      |     |      |     |      |     |      |     |
|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------|-----|------|-----|------|-----|------|-----|
| Flow Rate     | Pressure Drop | Flow Rate     | Pressure Drop | Flow Rate     | Pressure Drop | Flow Rate     | Pressure Drop |      |     |      |     |      |     |      |     |
| GPM           | L/s           | Ft            | kPa           | GPM           | L/s           | Ft            | kPa           | GPM  | L/s | Ft   | kPa |      |     |      |     |
| 89.4          | 5.6           | 3.66          | 10.8          | 71.5          | 4.5           | 2.42          | 7.1           | 59.6 | 3.8 | 1.73 | 5.1 | 51.1 | 3.2 | 1.30 | 3.8 |

**BOILER TRIM & CONTROLS**

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

**RECOVERY CAPACITY**

|      |       |      |      |      |      |       |      |       |      |       |      |
|------|-------|------|------|------|------|-------|------|-------|------|-------|------|
| 40°F | 22°C  | 60°F | 33°C | 80°F | 44°C | 100°F | 56°C | 120°F | 67°C | 140°F | 78°C |
| 2679 | 10140 | 1786 | 6760 | 1339 | 5070 | 1071  | 4056 | 893   | 3380 | 765   | 2897 |

**ASME**

|                                 |                              |                    |                       |
|---------------------------------|------------------------------|--------------------|-----------------------|
| <b>ASME Sect IV Htg Surface</b> | 110.0 Sq. Ft. / 10.22 Sq. M. | <b>Design Data</b> | Max. 160 psig & 250°F |
| <b>Water Volume</b>             | 4.44 gal / 16.8 l (liters)   |                    |                       |

**REP FIRM** \_\_\_\_\_

**SUBMITTED BY** \_\_\_\_\_

**JOB NAME** \_\_\_\_\_

**ARCHITECT** \_\_\_\_\_

**ENGINEER** \_\_\_\_\_

**CONTRACTOR** \_\_\_\_\_

**DATE** \_\_\_\_\_

DOMINATOR 1050

Category I or Category III Appliance

(See Installation and Operation Manual for venting information)

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