

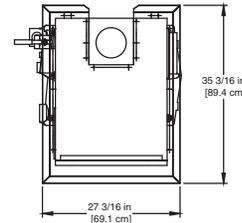
**CODE OPTIONS**

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

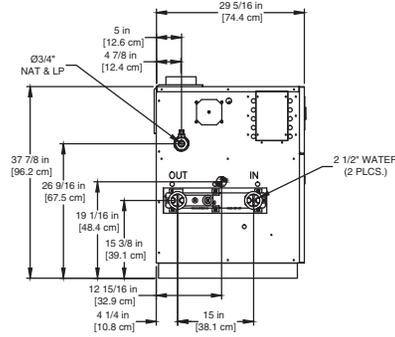
**NOTE:** Dimensions are approximate and should not be used to "rough-in" equipment.

\* Add circulator amps.

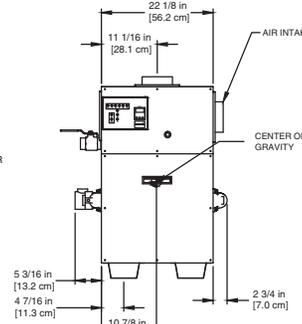
\*\*For incoming gas pressures lower than 7" WC natural or 11" WC propane, consult factory.



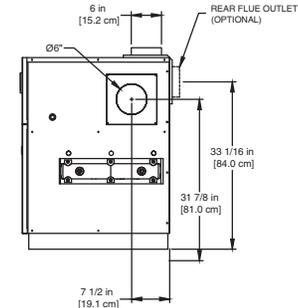
OUTDOOR TOP PANEL



LEFT SIDE



FRONT



RIGHT SIDE

RSUB-27-D

**AGA CERTIFIED RATINGS & CAPACITIES**

<b>Fuel Type</b>	Natural/Propane Gas	<b>Boiler FLA</b>	3.8*
<b>Input BTU/hr.</b>	300,000 / 88 kW	<b>Min. Gas Pressure Required</b>	6" WC**
<b>Output BTU/hr.</b>	250,500 / 73 kW	<b>Max. Gas Pressure Allowed</b>	14" WC
<b>Electrical Requirements</b>	120VAC/ 1 ph/ 60 hz/ 6 amp	<b>Operating Weight</b>	416 lbs. / 189 kg.

**TEMPERATURE RISE / PRESSURE DROP**

15°F / 8.3°C		20°F / 11.1°C		25°F / 13.9°C							
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
33.0	2.1	0.21	0.6	25.1	1.6	0.12	0.4	20.0	1.3	0.08	0.2

**BOILER TRIM & CONTROLS**

<b>Main Gas Valve</b>	Honeywell VR8304 3/4"	<b>Pilot Valve</b>	Honeywell VR8304
<b>Firing Valve</b>	Honeywell B200T1025 3/4"	<b>Air Switch</b>	Cleveland RSS-495
<b>Ignition Control</b>	UTC 1003-61A	<b>Blower Motor</b>	1/5 hp - FLA 3.0
<b>High Limit</b>	Honeywell L4008E	<b>Relief Valve - DW</b>	3/4" x 3/4" set @ 125 psi
		<b>Relief Valve - DB</b>	3/4" x 3/4" set @ 50 psi
		<b>Flow Switch</b>	TACO IFS-1

**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
752	2846	501	1897	376	1423	301	1138	251	949	215	813

**ASME**

<b>ASME Sect IV Htg Surface</b>	38.0 Sq. Ft. / 3.53 Sq. M.	<b>Design Data</b>	Max. 160 psig & 250°F
<b>Water Volume</b>	3.48 gal / 13.2 l (liters)		

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

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

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

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

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

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

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

**DOMINATOR 300**

**Category I or Category III Appliance**

(See Installation and Operation Manual for venting information)

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Westfield, MA 01085  
(413) 568-9571