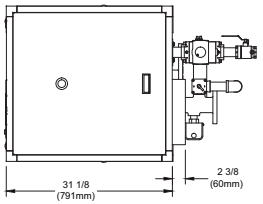
CODE OPTIONS

CSD-1	Manual Reset LWCO
Kentucky	200˚F Maximum Operating Control and High Limit

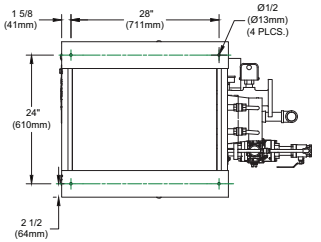
NOTE: Dimensions are approximate and should not be used to "rough-in" equipment.

* Add circulator amps.
** For incoming gas pressures lower than 2" W.C. natural or propane, consult factory.

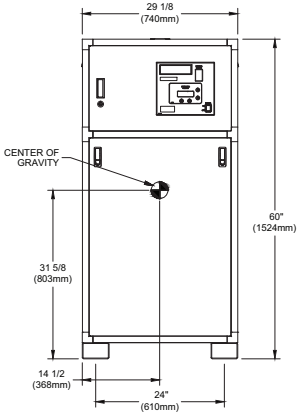
INDOOR UNIT



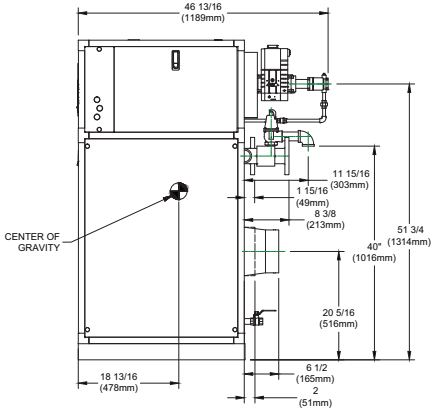
TOP VIEW



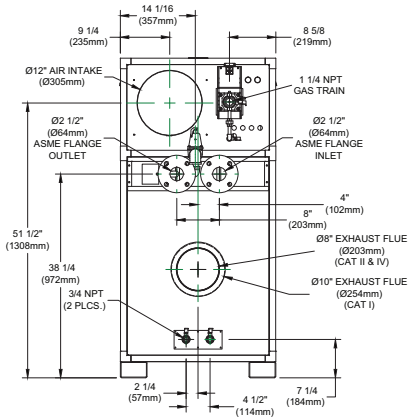
BOTTOM VIEW



FRONT VIEW



SIDE VIEW



BACK VIEW

RSUB-59-K

A.G.A. CERTIFIED RATINGS & CAPACITIES

Fuel Type	Natural/Propane Gas	**Boiler FLA**	11.3*
Input BTU/hr.	1,500,000 / 440 kW	**Min. Gas Pressure Required**	2" W.C.**
Output BTU/hr.	1,278,000 / 375 kW	**Max. Gas Pressure Allowed**	14" W.C.
Electrical Requirements	(L1,NEU,GND)	**Operating Weight**	824 lbs. / 374 kg.
	120VAC/ 1 ph/ 60 hz		

BOILER TRIM & CONTROLS

Main Gas Valve	Dungs MBC-SE	**Air Switch**	Cleveland NS2
Firing Valve	1 1/4"	**Blower Motor**	Fasco 1 hp - FLA 2.5
Ignition Control	Honeywell RM7895C	**Relief Valve - MW**	3/4" x 3/4" set @ 125 psi
Operating Control	HeatNet™	**Relief Valve - MB**	1" x 1 1/4" set @ 50 psi
High Limit	Jumo	**Flow Switch**	TACO
Main Ball Valve	1 1/4"	**Solenoid Valve w/ Reg**	CV100

A.S.M.E.

ASME Sect IV Htg Surface	161.16 Sq. Ft. / 14.97 Sq. M.	**Design Data**	Max. 160 psig & 250˚ F
Water Volume	5 gal / 18.93 (liters)		

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	GPM	L/s	Ft	kPa
130.5	8.2	3.73	11.0	104.4	6.6	2.46	7.3	87.0	5.5	1.76	5.2	74.6	4.7	1.32	3.9

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
3836	14519	2557	9679	1918	7260	1534	5808	1279	4840	1096	4148

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

FUTERA III 1500

Category I, II 0r IV Appliance
(see Installation and Operation Manual for venting information)

A Division of Mestek, Inc.
Westfield, MA 01085
(413) 568-9571

SFTIII-1500-9