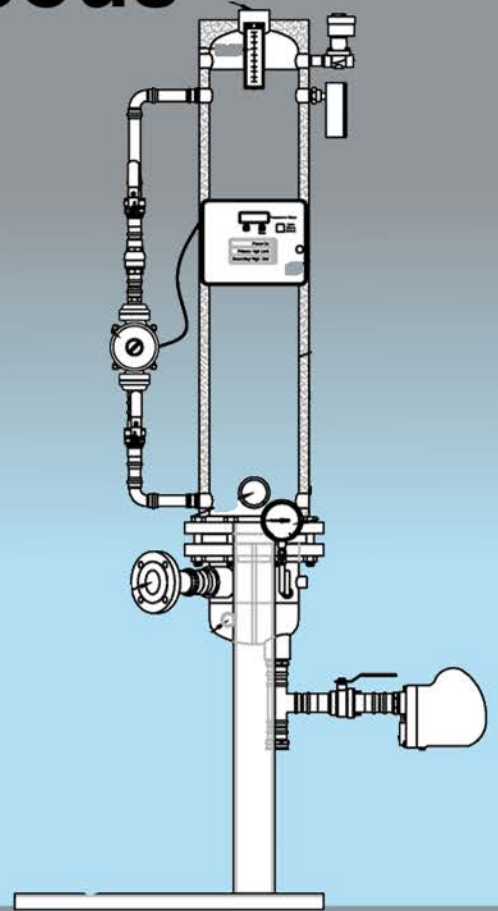




Semi Instantaneous Steam Hot Water Unit

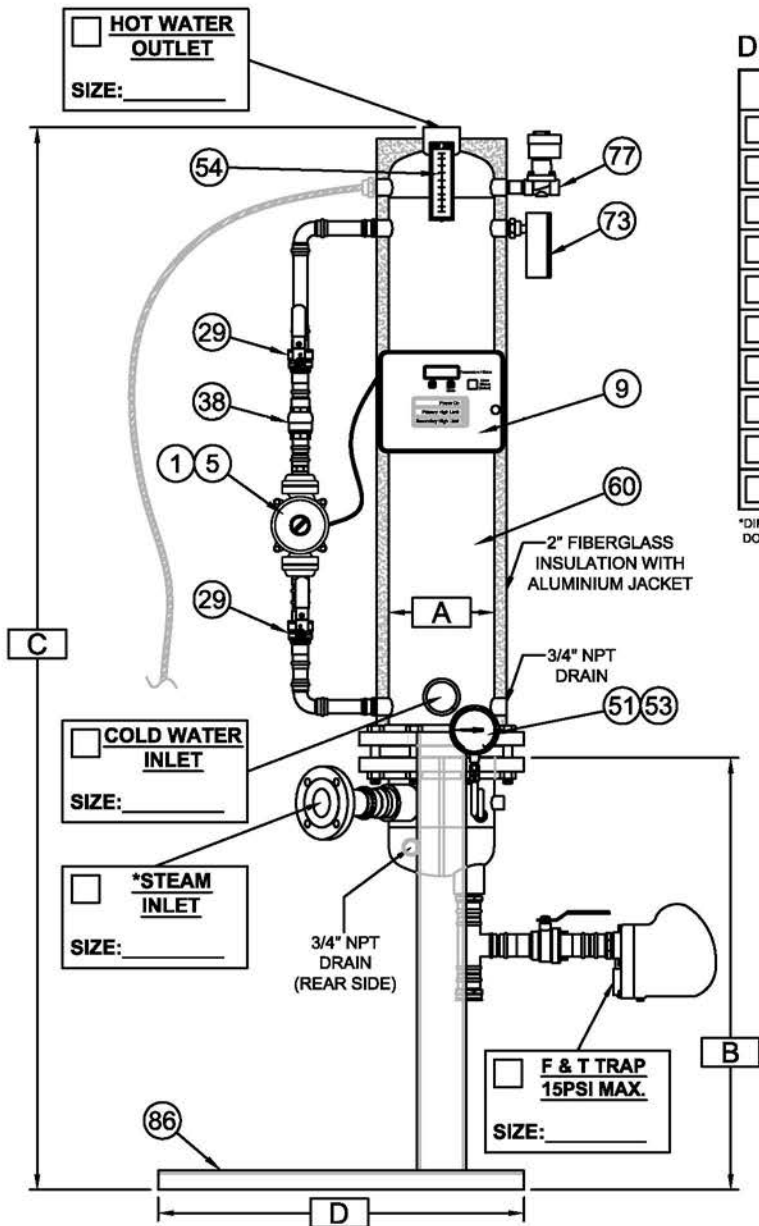
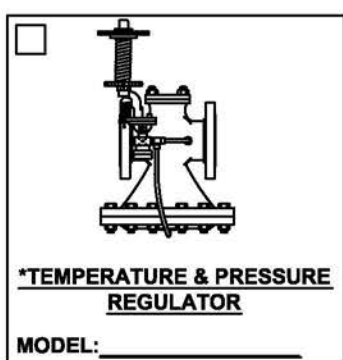
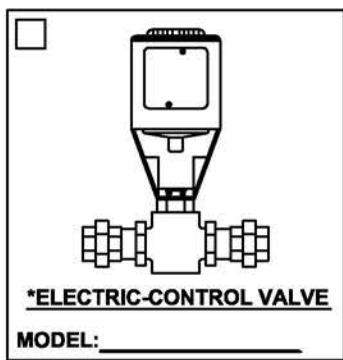
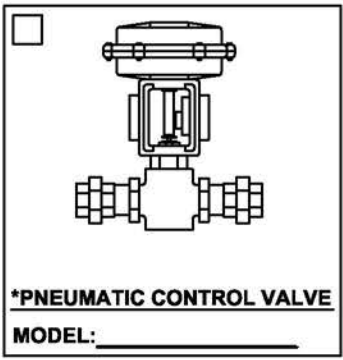


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Manufacturer of Pumps, Tanks, Heat Exchangers & Accessories
for HVAC Market After-Sales Parts and Services

FLO FAB INC
LAKE WORTH,
FLORIDA, USA

SEMI INSTANTANEOUS STEAM HOT WATER UNIT



DIMENSIONS (Inches)

	MODEL	A	B	*C APPROX.	D
<input type="checkbox"/>	SI-S-0626	6-5/8	28	66	24
<input type="checkbox"/>	SI-S-0638	6-5/8	40	88	24
<input type="checkbox"/>	SI-S-0650	6-5/8	52	112	24
<input type="checkbox"/>	SI-S-0826	8-5/8	28	66	24
<input type="checkbox"/>	SI-S-0838	8-5/8	40	88	24
<input type="checkbox"/>	SI-S-0850	8-5/8	52	112	24
<input type="checkbox"/>	SI-S-1038	10-3/4	40	88	30
<input type="checkbox"/>	SI-S-1050	10-3/4	52	112	30
<input type="checkbox"/>	SI-S-1238	12-3/4	40	88	30
<input type="checkbox"/>	SI-S-1250	12-3/4	52	112	30

*DIMENSIONS SUBJECT TO CHANGE FOR DOUBLE WALL
 DO NOT USE FOR CONSTRUCTION PURPOSES.

DESCRIPTION	STANDARD	OPTIONAL
HEAD	<input type="checkbox"/> FABRICATED STEEL OR CAST IRON	<input type="checkbox"/> 304 STAINLESS <input type="checkbox"/> 316 STAINLESS
SHELL	<input type="checkbox"/> 304 STAINLESS	<input type="checkbox"/> 316 STAINLESS
TUBE SHEET	<input type="checkbox"/> 304 STAINLESS	<input type="checkbox"/> 316 STAINLESS
BAFFLES	<input type="checkbox"/> TEFLON	<input type="checkbox"/> 304 STAINLESS <input type="checkbox"/> 316 STAINLESS
TUBING	<input type="checkbox"/> 304 STAINLESS	<input type="checkbox"/> 316 STAINLESS

TYPE OF TUBING

<input type="checkbox"/> SINGLE WALL 304 STAINLESS STEEL (STANDARD)
<input type="checkbox"/> SINGLE WALL 316 STAINLESS STEEL
<input type="checkbox"/> DOUBLE WALL 304 STAINLESS STEEL
<input type="checkbox"/> DOUBLE WALL 316 STAINLESS STEEL

MAXIMUM OPERATING CONDITIONS

	<input type="checkbox"/>	<input type="checkbox"/>
TUBE WORKING PRESSURE	150 PSI	400 PSI
SHELL SIDE WORKING PRESSURE	150 PSI	400 PSI
HYDROSTATIC TEST PRESSURE (SHELL SIDE)	195 PSI	520 PSI
HYDROSTATIC TEST PRESSURE (TUBE SIDE)	195 PSI	520 PSI
MAXIMUM TEMPERATURE	375°F	450°F

NOTE:
 BUILT IN ACCORDANCE WITH ASME CODE SECTION VIII, DIVISION I,
 TEMA, U STAMPED FOR U.S. ONLY.
 DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE.
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 LAKE WORTH FLORIDA, U.S.A. WWW.FLOFAB.COM	TITLE / TITRE SEMI INSTANTANEOUS STEAM HOT WATER UNIT	
	PROJECT / PROJET _____	TAG _____
DRAWN BY / DESSINÉ PAR M. LYMBURNER	CUSTOMER / CLIENT _____	DATE _____
DRAWING N° / N° DESSIN SI-S-	LAYOUT _____	SCALE / ÉCHELLE N/A
		REV. 0



SUBMITTAL SHEET
 ISSUE DATE: 2009/12/08
 REVISION DATE: 2009/12/17
 SECTION: 8

HEATER SELECTION CHART (SEMI INSTANTANEOUS STEAM HOT WATER UNIT)

Domestic Hot Water Heater Semi Instantaneous 40-140 Deg. F

Heater Model Number	Water Flow GPM	Steam Supply PSI	Req'd Steam Flow # / HR	Water Temperature Regulating Valve			Steam Trap Size
				Self Contained	Peumatic	Electric	
SI-S-0626	10	10	522	2	2	2	3/4
SI-S-0638	20	10	1046	2 1/2	2 1/2	2 1/2	1 1/4
SI-S-0650	30	10	1567	3	3	3	1 1/4
SI-S-0838	40	10	2089	4	4	4	1 1/2
SI-S-0850	50	10	2612	5	4	4	1 1/2
SI-S-0850	60	10	3134	5	4	4	1.5 Hi
SI-S-1038	70	10	3656	5	5	5	2 HI
SI-S-1050	80	10	4179	6	5	5	2 HI
SI-S-1050	100	10	5323	8	6	6	2 HI
SI-S-1250	120	10	6268	8	6	6	2 HI
SI-S-1250	140	10	7313	8	8	8	2 HI

Domestic Hot Water Heater Semi Instantaneous 40-140 Deg. F

Heater Model Number	Water Flow GPM	Steam Supply PSI	Req'd Steam Flow # / HR	Water Temperature Regulating Valve			Steam Trap Size
				Self Contained	Peumatic	Electric	
SI-S-0626	10	15	526	1 1/2	1 1/2	1 1/2	3/4
SI-S-0638	20	15	1053	2 1/2	2 1/2	2 1/2	1 1/4
SI-S-0650	30	15	1579	3	3	3	1 1/4
SI-S-0838	40	15	2106	3	3	3	1 1/2
SI-S-0850	50	15	2632	4	4	4	1 1/2
SI-S-0850	60	15	3159	5	4	4	1.5 Hi
SI-S-0850	70	15	3685	5	5	5	2 HI
SI-S-1038	80	15	4212	6	5	5	2 HI
SI-S-1050	100	15	5265	6	6	6	2 HI
SI-S-1050	120	15	6318	8	6	6	2 HI
SI-S-1250	140	15	7371	8	6	8	2 HI

Main Heater Connection


Heater Model Number	Water Flow GPM	Steam Inlet Size	Water In & Outlet Size	Condensate Size
SI-S-0626	10	2	1 1/2	3/4
SI-S-0638	20	2 1/2	1 1/2	1 1/4
SI-S-0650	30	3	1 1/2	1 1/4
SI-S-0826	40	4	2	1 1/2
SI-S-0838	50	5	2	1 1/2
SI-S-0850	60	5	2 1/2	1.5 Hi
SI-S-1038	70	5	2 1/2	2 HI
SI-S-1050	80	6	2 1/2	2 HI
SI-S-1050	100	8	3	2 HI
SI-S-1250	120	8	3	2 HI
SI-S-1250	140	8	3	2 HI

Surface Area
10,75
15,86
20,97
19,66
29,08
38,51
49,63
65,73
65,73
94,04
94,04

**BUILT IN ACCORDANCE WITH ASME CODE SECTION VIII, DIVISION I,
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 LAKE WORTH FLORIDA, U.S.A WWW.FLOFAB.COM	TITLE / TITRE HEATER SELECTION CHART "SEMI INSTANTANEOUS STEAM HOT WATER UNIT"		
	PROJECT / PROJET	TAG	
CUSTOMER / CLIENT	DATE		
DRAWN BY / DESSINÉ PAR M. LYMBURNER	DRAWING N° / N° DESSIN S-S-	LAYOUT	SCALE / ÉCHELLE N/A
			REV. 0

NO	QTY	DESCRIPTION	SIZE	PART NUMBER
1	1	PUMP	CAP.:__ USGPM @ __ FEET	
5	1	MOTOR	__ HP __ V/ __ PH/ __ HZ __ RPM	
9	1	CONTROL PANEL		
29	2	BALL VALVE C X C		
38	1	CHECK VALVE		
51	2	PRESSURE GAUGE		
54	1	THERMOMETER		
53	2	PET COCKS		
60	1	HEAT EXCHANGER		
73	1	AQUASTAT		
77	1	SOLENOID VALVE		
86	1	RACK		
	1	TEMPERATURE CONTROL VALVE		

				TITLE / TITRE SEMI INSTANTANEOUS STEAM HOT WATER UNIT	
					
				PROJECT / PROJET	
				CUSTOMER / CLIENT	
				DRAWING N° / N° DESSIN	
				DATE / DATE	

REV	DESCRIPTION	DATE	INIT.	DRAWN BY / DESSINATEUR M. LYMBURNER	SCALE / ECHELLE N / A	PART LIST N° / LISTE DE MATERIEL N°	REV 0
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For Future Use

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SEPTEMBER 2009