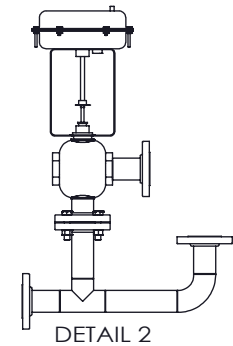


NOTES:

1. REFER TO PRODUCT SPECIFICATION FOR DESCRIPTION OF LETTERED ITEMS.
2. INSTALLATION:
ALL COMPONENTS SHOWN HERE ARE PREWIRED & PREPIPED BY ACE HEATERS. CUSTOMER WILL ONLY NEED TO PLUMB WATER TO BE HEATED, PLUMB BOILER WATER, HOOKUP AIR TO AIR FILTER-PRESSURE REGULATOR, AND BRING ELECTRICITY TO UNIT.
3. DIMENSIONS ARE SUBJECT TO CHANGE. CONSULT FACTORY FOR TIGHT DIMENSIONS.
4. THIS CONFIGURATION CHANGES FOR VALVE SIZE 1/2" TO 2". SEE DETAIL 2 FOR REFERENCE.

APPROX. EMPTY WT:



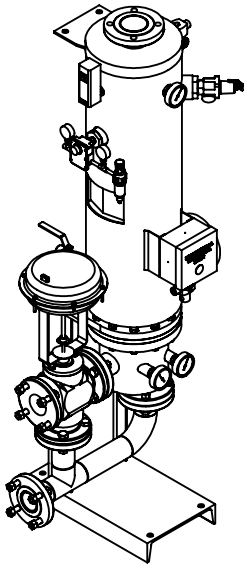
	CERTIFIED BY <i>Ace Heaters, LLC</i> www.aceheaters.com	
	MAXIMUM ALLOWABLE WORKING PRESSURE SHELL 150 PSI @ 210 °F TUBES 150 PSI @ 370 °F	
	MIN. D.M.T. 0 °F @ 150 PSI S/N _____ YEAR BUILT _____	
	MODEL _____ CAPACITY _____ GAL SA. _____	
	JOB NO. _____	

Ace Heaters, LLC www.aceheaters.com		
This document contains proprietary information from AHS, LLC. Do not reproduce or distribute without prior written consent of AHS, LLC.	ASME Section VIII Div 1: 2015 Ed. Design Pressure: 150 psig Test Pressure: 195 psig Max Design Temperature: 370°F	A.I.:
SCALE: NA Dwg By: JL	Filename: SIVSW Orig Date: 12/17/15 Rev Date:	SHEET 1 OF 1 Checked By:
MINIPACK SYSTEM - VERICAL SW Water 3w - Pneumatic Valve Package		
Dwg #: SIVSWWA-3W	SO:	REV 1

SIVSW W A-3W , WATER - PNEUMATIC OPERATED VALVE PACKAGE SIZE AND LOCATION

MP SIZE	4	5	6	8	8L	10	10L	12	12L	14	14L	16	16L	
ITEMS	1	9 1/2	11 1/2	12	11 9/16	11 9/16	13 7/16	13 7/16	14 7/16	14 7/16	15 3/4	15 3/4	17 5/8	17 5/8
DIMENSIONS	2	13 7/16	7 3/16	15 1/16	8 3/16	8 3/16	10 5/8	10 5/8	12 1/8	12 1/8	15 1/16	15 1/16	25 1/16	25 1/16
	3	30 3/16	23 15/16	31 11/16	25 7/16	32 7/16	27 3/4	34 3/4	29 1/8	41 1/8	32 1/16	47 1/16	42 1/16	56 1/16
	4	39 13/16	33 9/16	41 13/16	36 5/16	43 5/16	30 5/8	44 15/16	41 5/8	53 5/8	48 5/8	63 7/8	60 5/8	74 5/8
	5	30	23	30 1/4	24 3/4	30 3/4	25	31 11/16	24 1/2	36 1/2	30 1/2	45 3/4	40 1/2	54 1/2
	6	82 15/16	69 11/16	85 13/16	75 5/16	88 5/16	79 1/4	92 1/4	83 1/4	107 1/4	98 1/4	128 1/2	121 3/4	149 3/4
	7	12	12	12	12	12	18	18	18	18	18	18	18	18
	8	12 3/16	11 1/16	10 3/8	9 1/4	9 1/4	13 11/16	13 11/16	12	12	15 1/4	15 1/4	13 1/2	13 1/2
	9	8 13/16	9 15/16	10 5/8	11 3/4	11 3/4	13 5/16	13 5/16	15	15	14 3/4	14 3/4	16 1/2	16 1/2
	10	1	1 3/8	1 1/2	2 1/16	2 1/16	2 1/2	2 1/2	3 1/16	3 1/16	3 1/8	3 1/8	3 1/4	3 1/4
	INLET PIPE SIZE	2 THR.	2 1/2 FLG.	2 1/2 FLG.	3 FLG.	3 FLG.	4 FLG.	4 FLG.	4 FLG.	4 FLG.	5 FLG.	5 FLG.	6 FLG.	6 FLG.
OUTLET PIPE SIZE	2 THR.	2 1/2 FLG.	2 1/2 FLG.	3 FLG.	3 FLG.	4 FLG.	4 FLG.	4 FLG.	4 FLG.	5 FLG.	5 FLG.	6 FLG.	6 FLG.	

'A' VALVE SIZE	ITEM	VALVE SIZE AND OVERALL LOCATION												
1/2"	'B'	46	39 3/4	47 1/2	41 1/4	48 1/4	43 9/16	50 9/16	44 15/16	56 15/16	47 7/8	62 7/8	57 7/8	71 7/8
	'C'	15 9/16	16 1/16	16 5/16	17 5/16	17 5/16	19 13/16	19 13/16	21 5/16	21 5/16	23 5/16	23 5/16	25 5/16	25 5/16
3/4"	'B'	46	39 3/4	47 1/2	41 1/4	48 1/4	43 9/16	50 9/16	44 15/16	56 15/16	47 7/8	62 7/8	57 7/8	71 7/8
	'C'	16 9/16	17 1/16	17 5/16	18 5/16	18 5/16	20 13/16	20 13/16	22 5/16	22 5/16	24 5/16	24 5/16	26 5/16	26 5/16
1"	'B'	46	39 3/4	47 1/2	41 1/4	48 1/4	43 9/16	50 9/16	44 15/16	56 15/16	47 7/8	62 7/8	57 7/8	71 7/8
	'C'	16 9/16	17 1/16	17 5/16	18 5/16	18 5/16	20 13/16	20 13/16	22 5/16	22 5/16	24 5/16	24 5/16	26 5/16	26 5/16
1 1/4"	'B'	46	39 3/4	47 1/2	41 1/4	48 1/4	43 9/16	50 9/16	44 15/16	56 15/16	47 7/8	62 7/8	57 7/8	71 7/8
	'C'	16 9/16	17 1/16	17 5/16	18 5/16	18 5/16	20 13/16	20 13/16	22 5/16	22 5/16	24 5/16	24 5/16	26 5/16	26 5/16
1 1/2"	'B'	46 3/4	40 1/2	48 1/4	42	49	44 5/16	51 5/16	45 11/16	57 11/16	48 5/8	63 5/8	58 5/8	72 5/8
	'C'	16 9/16	17 1/16	17 5/16	18 5/16	18 5/16	20 13/16	20 13/16	22 5/16	22 5/16	24 5/16	24 5/16	26 5/16	26 5/16
2"	'B'	48 7/16	42 3/16	49 15/16	43 11/16	50 11/16	46	53	47 3/8	59 3/8	50 5/16	65 5/16	60 5/16	74 5/16
	'C'	17 15/16	18 7/16	18 11/16	19 11/16	19 11/16	22 3/16	22 3/16	23 11/16	23 11/16	25 11/16	25 11/16	27 11/16	27 11/16
2 1/2"	'B'	N/A	42 15/16	50 11/16	44 7/16	51 7/16	46 3/4	53 3/4	48 1/8	60 1/8	51 1/16	66 1/16	61 1/16	75 1/16
	'C'	N/A	15 3/4	16	17	17	19 1/2	19 1/2	21	21	23	23	25	25
3"	'B'	N/A	N/A	52 9/16	46 5/16	53 5/16	48 5/8	55 5/8	50	62	52 15/16	67 15/16	62 15/16	76 15/16
	'C'	N/A	N/A	17	18	18	20 1/2	20 1/2	22	22	24	24	26	26
4"	'B'	N/A	N/A	N/A	48 5/16	55 5/16	50 5/8	57 5/8	52	64	54 15/16	69 15/16	64 15/16	78 15/16
	'C'	N/A	N/A	N/A	21	21	23 1/2	23 1/2	25	25	27	27	29	29
5"	'B'	N/A	N/A	N/A	N/A	N/A	50 5/8	57 5/8	52	64	54 15/16	69 15/16	64 15/16	78 15/16
	'C'	N/A	N/A	N/A	N/A	N/A	26 1/4	26 1/4	27 3/4	27 3/4	29 3/4	29 3/4	31 3/4	31 3/4



ISOMETRIC VIEW

NOTES:
 1/ DIMENSIONS IN INCHES, AND SUBJECT TO CHANGE WITHOUT NOTICE.
 2/ DIM 'B', 'C' ARE TO BE APPROXIMATED ONLY, CONSULT FACTORY FOR TIGHT DIMENSIONS.

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	Design Pressure: 150 psig Test Pressure: 195 psig Max Design Temperature: 370°F	
SCALE: NA	Filename: SIVSW - COVER 2014	SHEET 1 OF 1
Dwg By: JL	Orig Date: 12/17/15	Rev Date:
MINIPACK SYSTEM - VERICAL SW Water 3w - Pneumatic Valve Package		
Dwg #: SIVSWWA-3W- DIM	SO:	REV 1