

FEATURES & BENEFITS

QUALITY CONTROL

Fully assembled and tested for quick placement and hook-up.

STANDARDIZED PLATFORM

Offering a standardized line of water tempering solutions providing shorter lead times, advanced compliance, cost efficiencies, and customizable configuration options.

BLENDING SYSTEM

Safe, fully engineered thermostatic mixing valve for mixing large volumes of hot and cold water guarded with anti-scald protection and full flow cold water bypass to provide tempered water in adverse situations.

TANK SYSTEM OPTIONS

Tanks available: 119 Gal non-ASME (450 L), 120 Gal (454 L) ASME, or 200 Gal (757 L) ASME that will store enough hot water to provide a single 15 minute shower and eye/face wash use. Also available in ASME is a 318 Gal (1203 L) or 400 Gal (1514 L) that stores enough hot water to provide two 15 minute shower and eye/face wash uses before tank recovery is required.

EXPANDABLE/FLEXIBLE CAPABILITIES

System can be designed to a number of variations including the hot water supply, the electrical type, the blending capabilities, and pump options including VFD controlled pump.

ELECTRICAL SYSTEM OPTIONS

Haws provides systems at various voltage options, including 480V 3ph, 600V 3ph, 208V 1ph, 208V 3ph, 240V 1ph, and 240V 3ph. Electrical area rating option includes Type 4 Ordinary Location.

OPTIONS

Optional equipment to accommodate virtually any specific need includes:

- Temperature control packages including 4 or 10 kW immersion heaters, integrated space heater
- Alarm package
- Stainless steel valves and/or piping
- Recirculation pump or booster/recirc pump

For more information, visit www.hawsc.com or call (888) 640-4297.



SPECIFICATIONS

Model 8785 enclosed tempering system shall include an all-weather 5' x 5' (1.52 x 1.52m) booth which provides optional operating temperature ranges of -50° to 120° F (-45.5° to 49.8° C), and is constructed of corrosion resistant aluminum paneling with polyester based powder coating. This single or multiple shower and/or eyewash tempering water unit with galvanized piping is designed to operate with a number of tempering and electrical options. Standard hook-up is a 480V, three phase inlet inside a NEMA 4 enclosure. The internal booth temperature can be maintained by an optional space heater. The tank water temperature is maintained by an immersion heater. The electrical system can be easily adapted to voltages upon request. The 8785 tempering booth utilizes the Haws Tempered Water Blending System to provide tempered water under dire situations, and incorporates fail-safe features like anti-scald protection and full flow cold water bypass in the event of hot water failure. 1-1/2" tepid and cold water inlets.

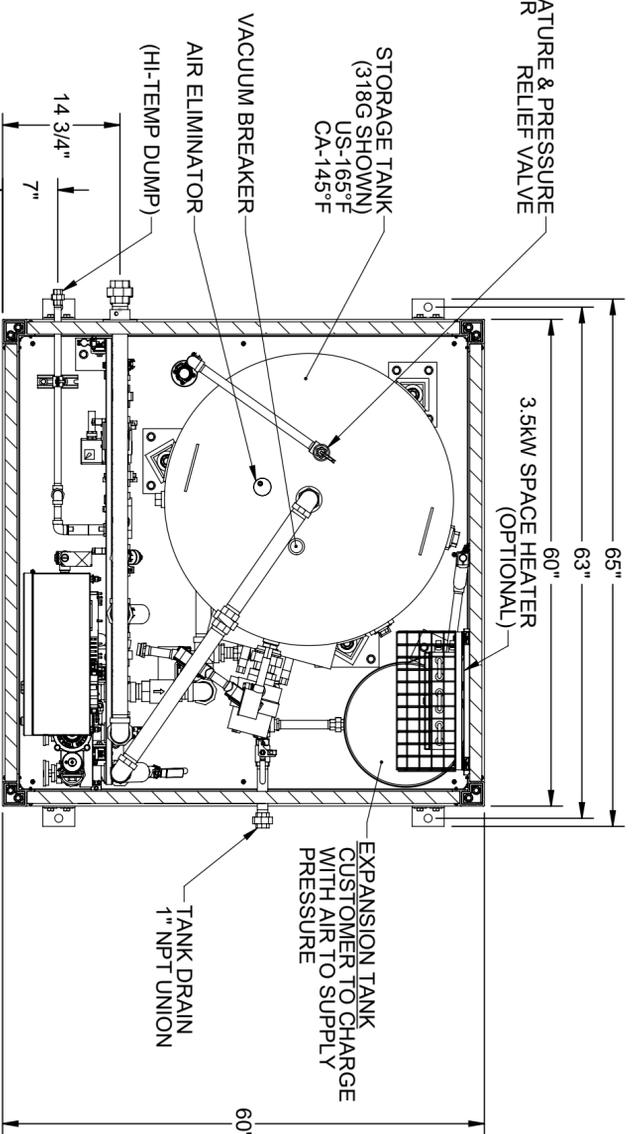
APPLICATIONS

Perfect for outdoor facilities that may encounter dangerous chemical hazards and need a complete tempering system, and/or need a feeder to other remote booth substations or other drench systems and/or eyewash stations.

MODELS WITH RECIRCULATION PUMP OR NO PUMP

- NOTES:
1. DIMENSIONS IN INCHES.
 2. ALL TOLERANCES: $\pm 1/2"$
 3. ESTIMATED WEIGHT:
 4. DRY: 1300 LB
WET: 4000 LB
 5. AREA CLASSIFICATION: ORDINARY
 6. AVAILABLE AMBIENT TEMPERATURE RANGES:
-50°F -104°F, 32°F -104°F
 7. RATINGS: CONFIGURABLE WITH TYPE 4/4X JUNCTION BOX FOR INDOOR OR OUTDOOR LOCATION
 8. NOT ALL FEATURES ARE STANDARD

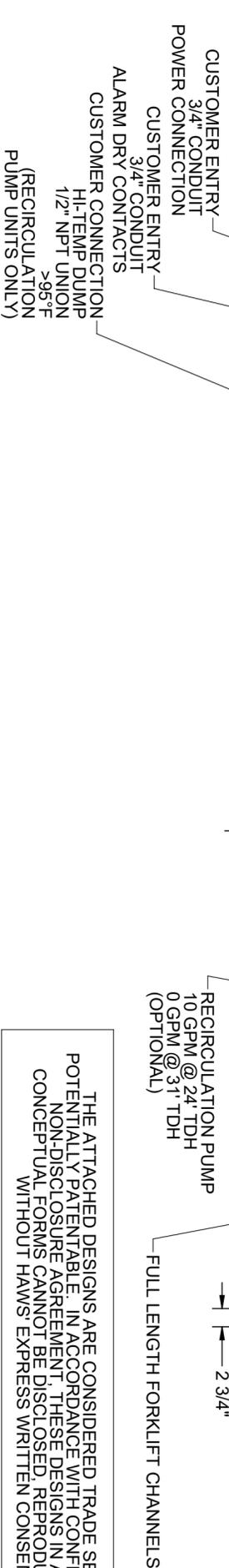
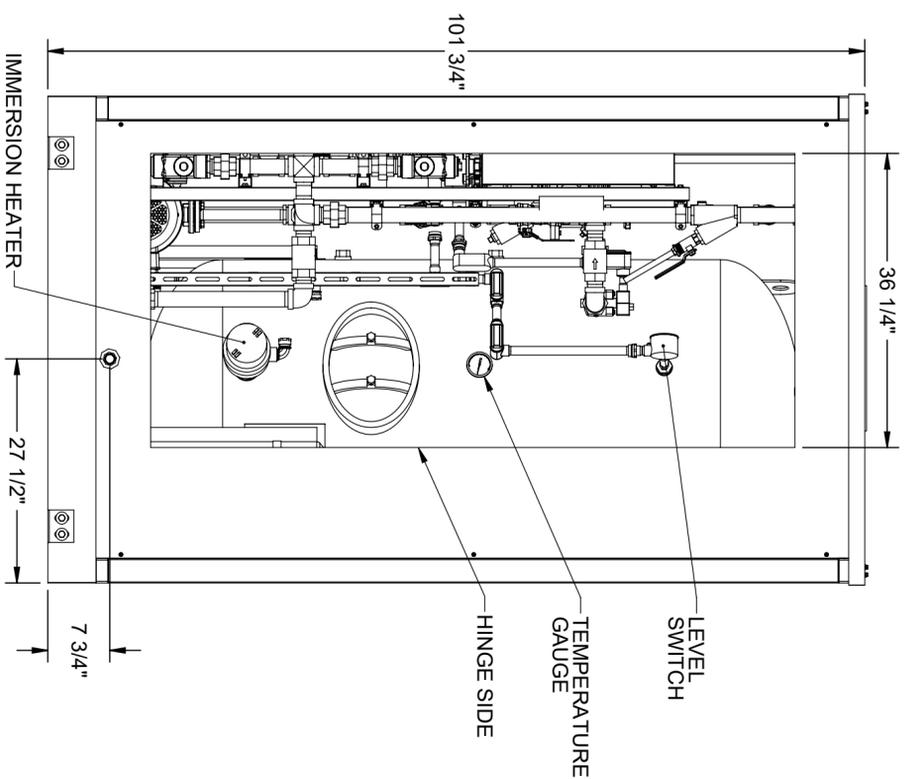
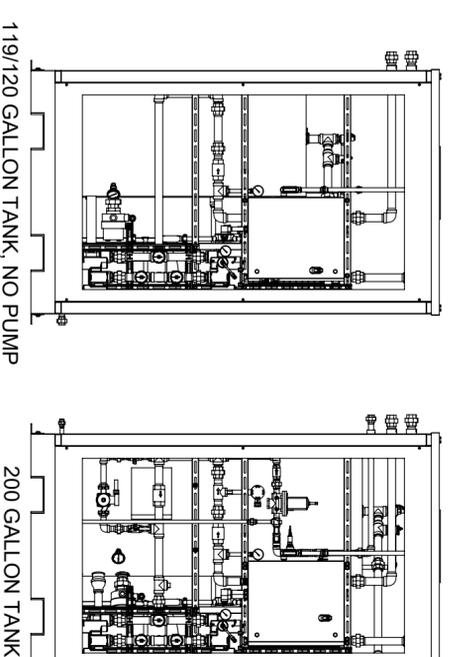
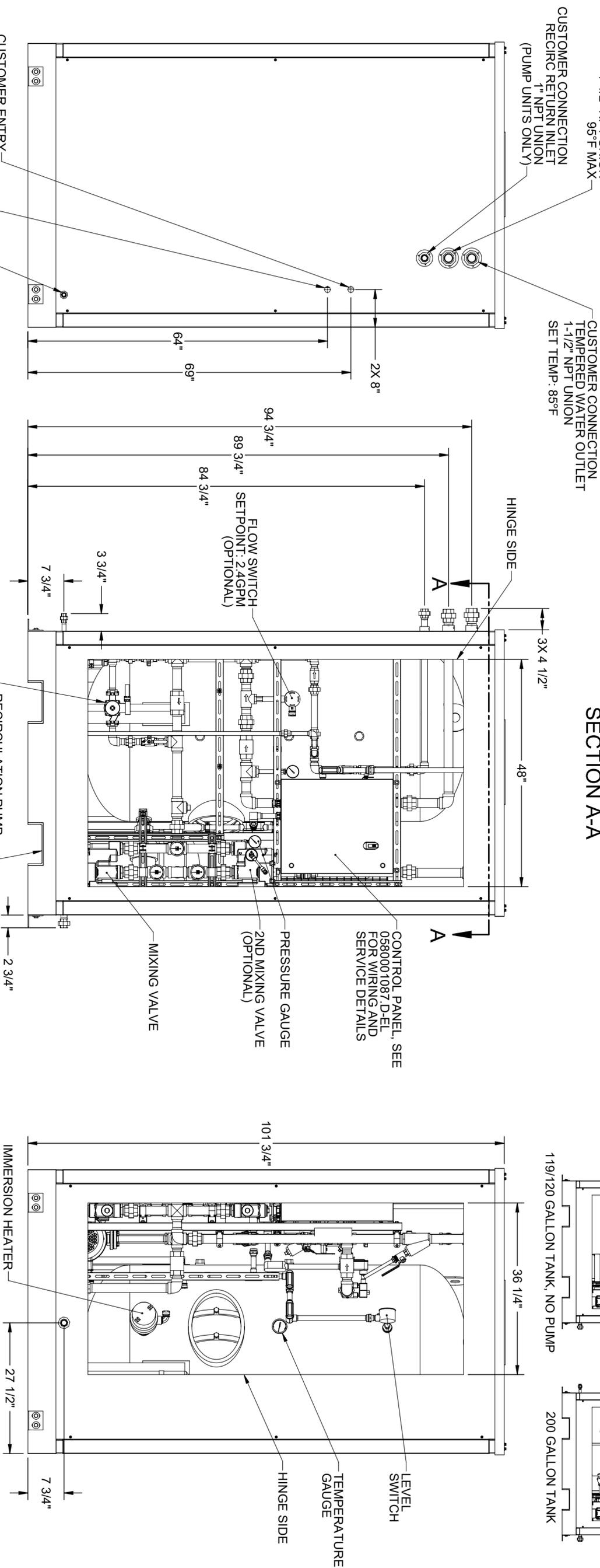
OPTIONS		DWG REF.
PUMP CONFIGURATION	NO PUMP	P5-0
JUNCTION BOX TYPE RATING	RECIRCULATION PUMP	P5-1
	TYPE 4, STEEL	P7-0
	TYPE 4X, 304 SST	P7-1
ALARM (IN USE)	NONE	-
	ISOLATED DRY CONTACTS	P12-3
MIXING VALVE QTY.	SINGLE	P30-1
	DUAL	P30-2
EXPANSION TANK	NON-ASME	P10-T
	ASME	P10-A/E



TANK SIZE			
TANK SIZE	TANK TEMP.	SHOWER CAPACITY (15 MIN.)	MINIMUM INLET TEMP. OPTION SELECTED
119G	145°F	1	62°F
119G	165°F	1	54°F
120G	145°F	1	62°F
120G	165°F	1	54°F
200G	145°F	1	35°F
200G	165°F	1	32°F
318G	145°F	2	50°F
318G	165°F	2	39°F
400G	145°F	2	35°F
400G	165°F	2	32°F
			N/A

(TANK TEMPERATURES ARE SET AT 165°F FOR USA AND 145°F FOR CANADA)

SECTION A-A



THE ATTACHED DESIGNS ARE CONSIDERED TRADE SECRETS AND POTENTIALLY PATENTABLE. IN ACCORDANCE WITH CONFIDENTIALITY AND NON-DISCLOSURE AGREEMENT, THESE DESIGNS IN ACTUAL OR CONCEPTUAL FORMS CANNOT BE DISCLOSED, REPRODUCED OR USED WITHOUT HAWS EXPRESS WRITTEN CONSENT.

JOB NUMBER: IR		DRAWN BY: JSLP		CHECKED DATE: 07/06/22		APPROVED BY: IR		APPROVAL DATE: 07/06/22	
TITLE: ALL-WEATHER EMERGENCY WATER TEMPERING BOOTH		SCALE: 1/8\"/>							

MODELS WITH VFD RECIRC/BOOSTER PUMP

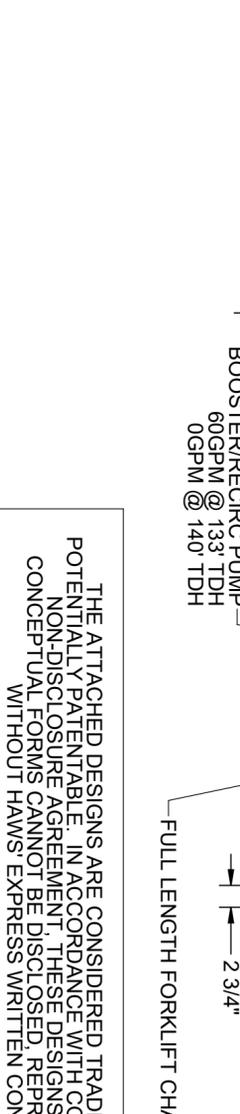
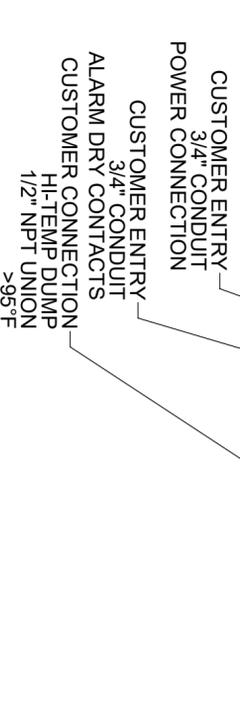
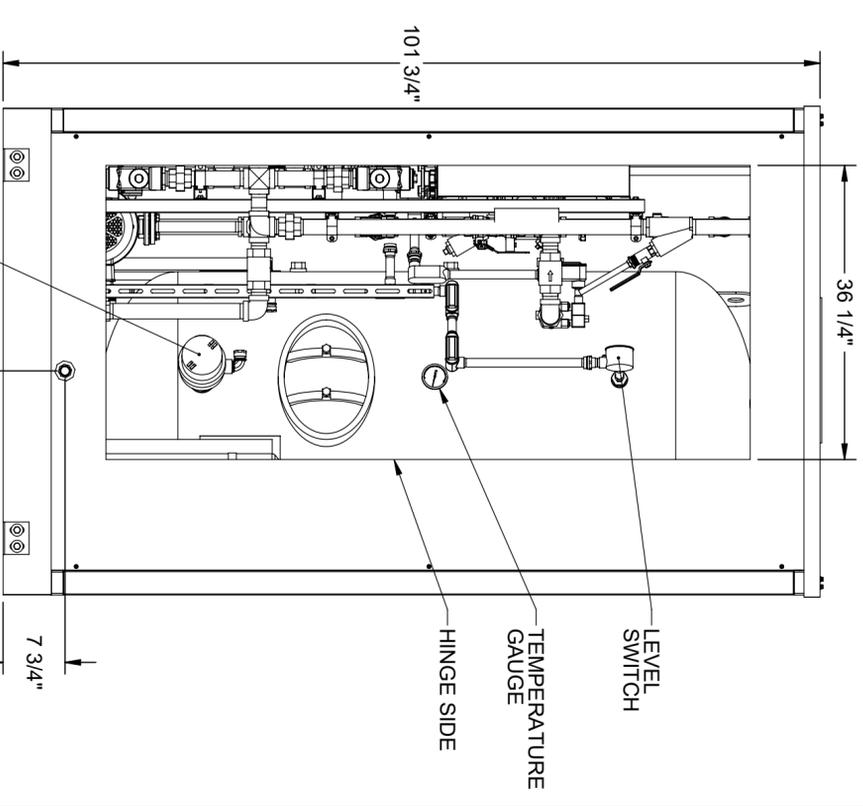
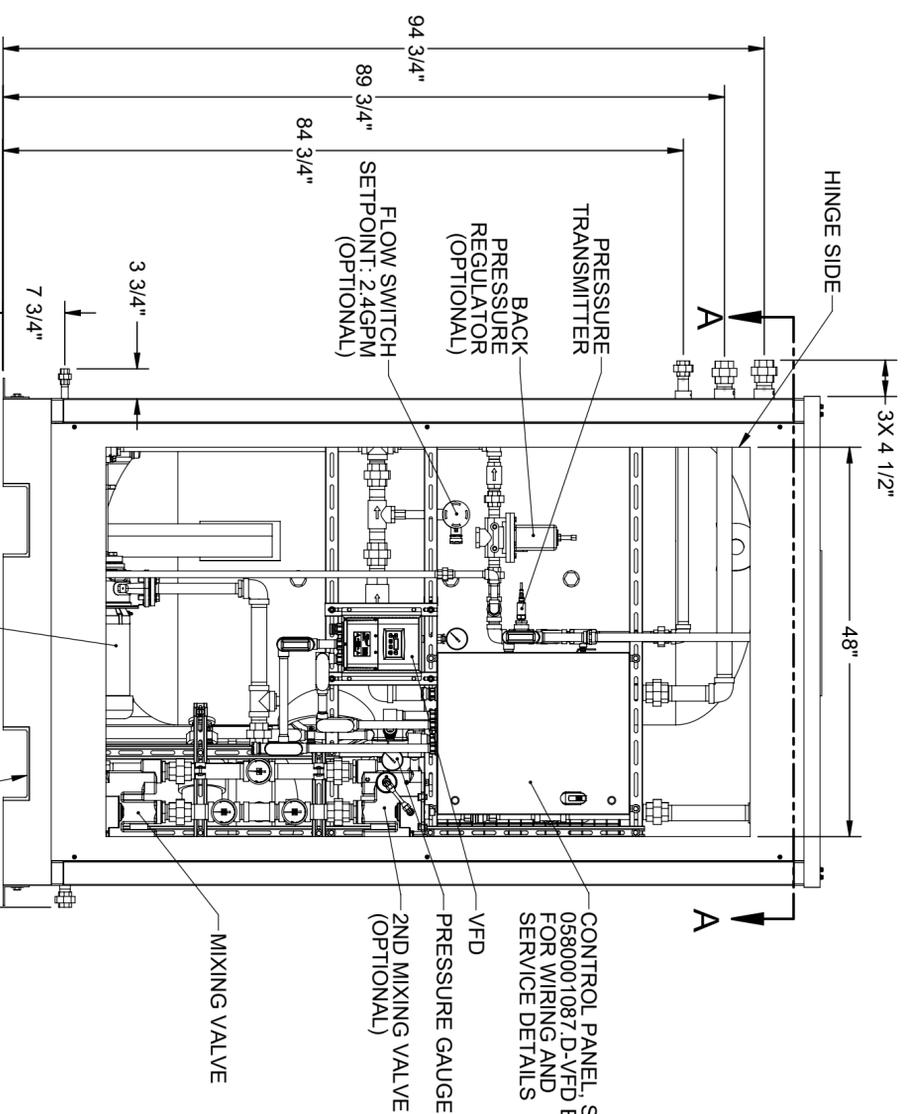
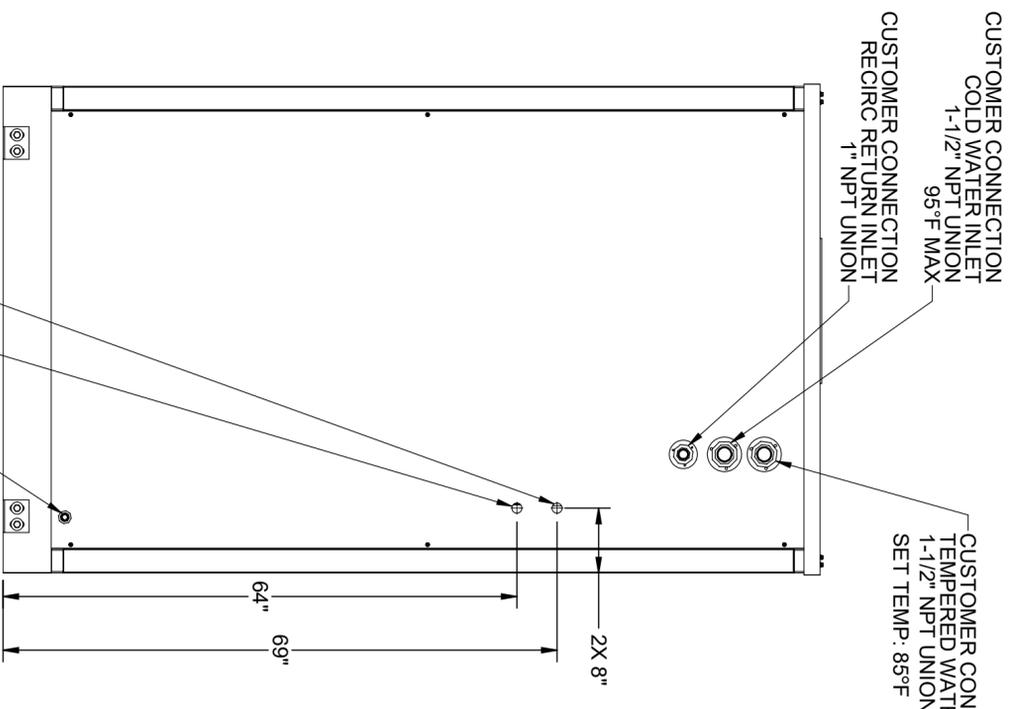
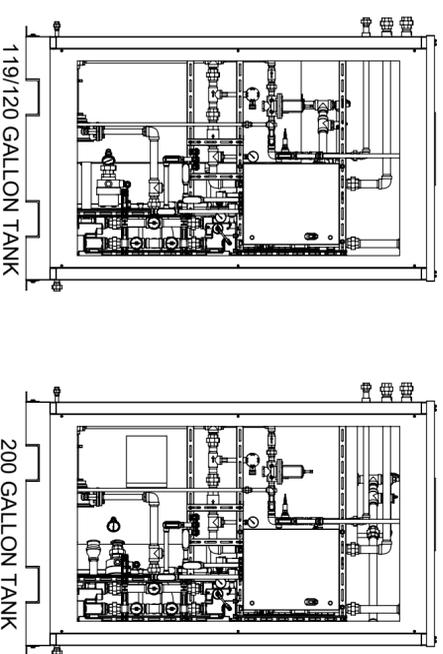
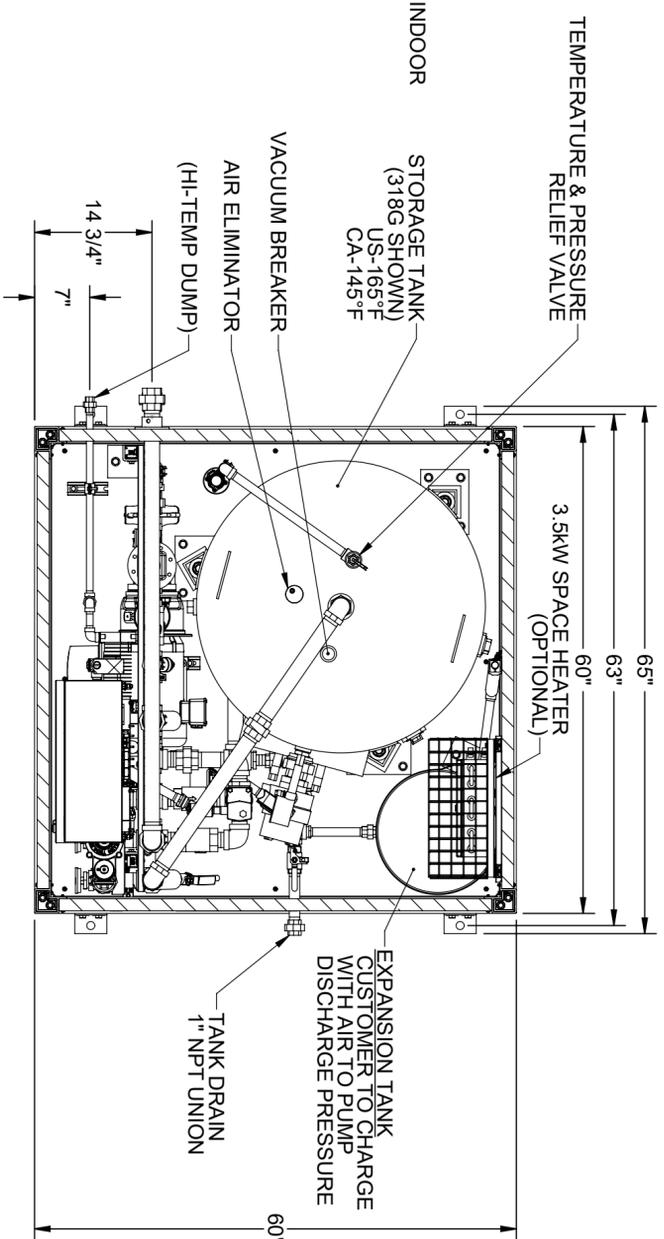
REV	DESCRIPTION	ECON	DATE	BY
3	INITIAL RELEASE	SR17	6/9/22	IR

TANK SIZE

TANK SIZE	TANK TEMP.	SHOWER CAPACITY (15 MIN.)	MINIMUM INLET TEMP.	OPTION SELECTED
119G	145°F	1	62°F	
119G	165°F	1	54°F	
120G	145°F	1	62°F	
120G	165°F	1	54°F	
200G	145°F	1	35°F	
200G	165°F	1	32°F	
318G	145°F	2	50°F	
318G	165°F	2	39°F	
400G	145°F	2	35°F	
400G	165°F	2	32°F	N/A

OPTIONS	DWG REF.
PUMP CONFIGURATION	P5-3
JUNCTION BOX TYPE RATING	P7-0 P7-1
ALARM (IN USE)	P12-3
MIXING VALVE QTY.	P30-1 P30-2

- NOTES:
- DIMENSIONS IN INCHES.
 - ALL TOLERANCES: $\pm 1/2"$
 - ESTIMATED WEIGHT:
 - NET: 4000 LB
DRY: 1300 LB
 - AREA CLASSIFICATION: ORDINARY
 - AVAILABLE AMBIENT TEMPERATURE RANGES:
 - NOT ALL FEATURES ARE STANDARD
 - RECOMMENDED RECIRCULATION FLOWRATE: 10GPM
 - PRESSURE TRANSMITTER SETPOINT IS TYPICALLY SET TO 30PSI + ELEVATION CHANGE FROM SKID TO HIGHEST SHOWER (1FT = .433PSI)
 - A BACK PRESSURE REGULATOR IS REQUIRED FOR THE FOLLOWING CONDITION: SUPPLY PRESSURE < 30PSI + ELEVATION CHANGE FROM SKID TO HIGHEST SHOWER RATING; CONFIGURABLE WITH TYPE 4/4X JUNCTION BOX FOR INDOOR OR OUTDOOR LOCATION



- CUSTOMER CONNECTION COLD WATER INLET 1-1/2" NPT UNION 95°F MAX
- CUSTOMER CONNECTION TEMPERED WATER OUTLET 1-1/2" NPT UNION SET TEMP: 85°F
- CUSTOMER CONNECTION RECIRC RETURN INLET 1" NPT UNION
- CUSTOMER ENTRY 3/4" CONDUIT
- POWER CONNECTION
- CUSTOMER ENTRY 3/4" CONDUIT
- ALARM DRY CONTACTS
- CUSTOMER CONNECTION HI-TEMP DUMP 1/2" NPT UNION >95°F

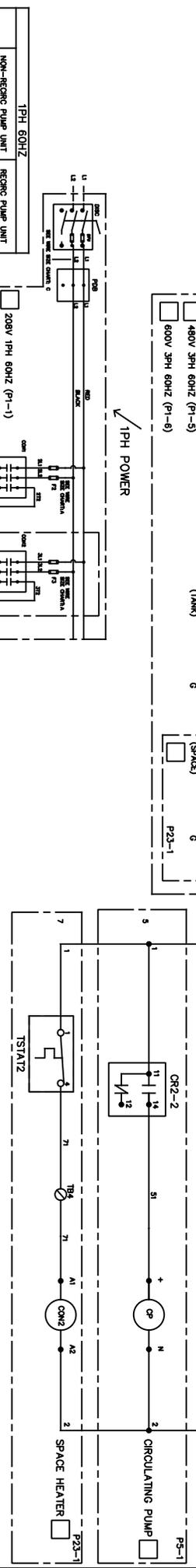
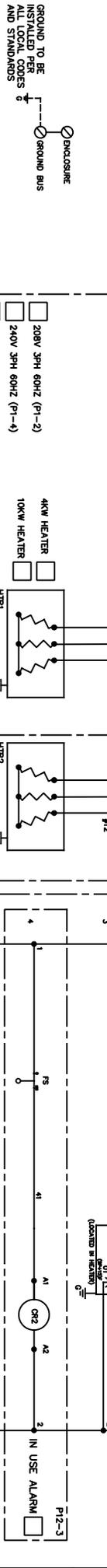
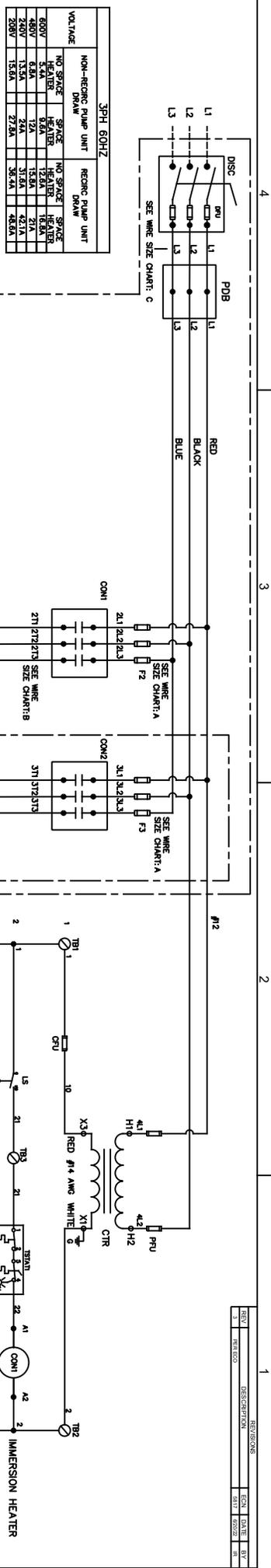
- TEMPERATURE & PRESSURE RELIEF VALVE
- 3.5kW SPACE HEATER (OPTIONAL)
- STORAGE TANK (318G SHOWN) US-165°F CA-145°F
- VACUUM BREAKER
- AIR ELIMINATOR (HI-TEMP DUMP)
- EXPANSION TANK CUSTOMER TO CHARGE WITH AIR TO PUMP DISCHARGE PRESSURE
- TANK DRAIN 1" NPT UNION
- HINGE SIDE
- PRESSURE TRANSMITTER
- BACK PRESSURE REGULATOR (OPTIONAL)
- FLOW SWITCH SETPOINT: 2.4GPM (OPTIONAL)
- BOOSTER/RECIRC PUMP 60GPM @ 133' TDH 0GPM @ 140' TDH
- CONTROL PANEL, SEE 0580001087.D-VFD EL FOR WIRING AND SERVICE DETAILS
- VFD
- PRESSURE GAUGE (OPTIONAL)
- 2ND MIXING VALVE (OPTIONAL)
- MIXING VALVE
- FULL LENGTH FORKLIFT CHANNELS
- IMMERSION HEATER
- HINGE SIDE
- LEVEL SWITCH
- TEMPERATURE GAUGE

- CUSTOMER CONNECTION COLD WATER INLET 1-1/2" NPT UNION 95°F MAX
- CUSTOMER CONNECTION TEMPERED WATER OUTLET 1-1/2" NPT UNION SET TEMP: 85°F
- CUSTOMER CONNECTION RECIRC RETURN INLET 1" NPT UNION
- CUSTOMER ENTRY 3/4" CONDUIT
- POWER CONNECTION
- CUSTOMER ENTRY 3/4" CONDUIT
- ALARM DRY CONTACTS
- CUSTOMER CONNECTION HI-TEMP DUMP 1/2" NPT UNION >95°F

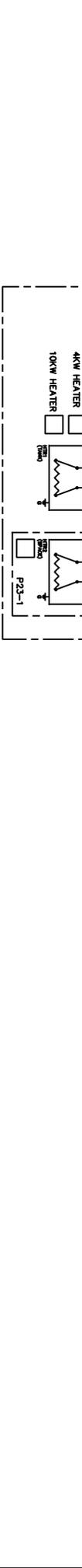
THE ATTACHED DESIGNS ARE CONSIDERED TRADE SECRETS AND POTENTIALLY PATENTABLE. IN ACCORDANCE WITH CONFIDENTIALITY AND NON-DISCLOSURE AGREEMENT, THESE DESIGNS IN ACTUAL OR CONCEPTUAL FORMS CANNOT BE DISCLOSED, REPRODUCED OR USED WITHOUT HAWS EXPRESS WRITTEN CONSENT.

JOB NUMBER: IR		TITLE: ALL-WEATHER EMERGENCY WATER TEMPERING BOOTH	
DRAWN BY: 07/26/21	DESIGNED BY: JSJP	NOTICE OF PROPRIETARY INFORMATION: THIS DRAWING IS THE PROPERTY OF HAWS CORPORATION AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF HAWS CORPORATION.	
CHECKED DATE: 07/06/22	APPROVED BY: IR	SCALE: 1/16" = 1"	SCALE SIZE: PART NO. 0580001087.D-GA
APPROVAL DATE: 07/06/22	IR	1/16"	3

REV	DESCRIPTION	DATE	BY
1	INITIAL	05/11/2022	SP



VOLTAGE	NO SPACE HEATER DRAW	SPACE HEATER DRAW	NO SPACE HEATER DRAW	SPACE HEATER DRAW
208V	23.5A	41.7A	23.5A	41.7A
240V	15.6A	27.8A	15.6A	27.8A



COMPONENT DESIGNATION

GRU - CONTROL POWER FUSE
 GCU - CONTROL POWER FUSE
 CON2 - CONTACTOR 3 POLE, SPACE HEATER
 CR - CIRCULATING PUMP
 CR2 - CONTROL RELAY FOR ALARM NOTIFICATION
 CR2 - CONTROL RELAY FOR ALARM NOTIFICATION
 RECIRC PUMP CONFIGS - 500VA @ 120V
 DISC - DISCONNECT SWITCH
 F2 - SPACE HEATER FUSE
 F3 - SPACE HEATER FUSE
 HTR1 - HEATER, TANK
 HTR2 - HEATER, SPACE
 L1 - LEAK TEST
 PDB - POWER DISTRIBUTION BLOCK
 PFI - PRIMARY FUSE
 TB - TERMINAL BLOCK
 TS1AT1 - TANK HEATER THERMOSTAT
 TS1AT2 - SPACE HEATER THERMOSTAT

NON-RECIRC PUMP CONFIGS. FUSE CHART

DFU	F2	F3	PFI	GRU
208V 1PH 60A	25A	25A	1.25A	1A
240V 1PH 60A	25A	25A	1A	1A
208V 3PH 30A	15A	15A	1.25A	1A
240V 3PH 30A	12A	12A	1A	1A
480V 3PH 30A	6A	6A	.5A	1A
600V 3PH 30A	5A	5A	.5A	1A

RECIRC PUMP CONFIGS. FUSE CHART

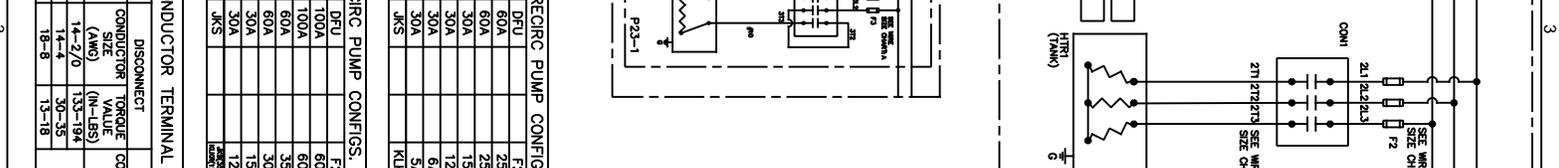
DFU	F2	F3	PFI	GRU
208V 1PH 100A	60A	25A	6A	5.6A
240V 1PH 100A	60A	25A	5.6A	5.6A
208V 3PH 60A	35A	15A	6A	5.6A
240V 3PH 60A	30A	12A	5.6A	5.6A
480V 3PH 30A	15A	6A	2.8A	5.6A
600V 3PH 30A	12A	5A	2A	5.6A

WIRE SIZE CHART

A	B	C
208V 1PH #8	4K/10K/10K/10K	4K/10K/10K/10K
240V 1PH #8	#10 #8 #8 #8	#10 #8 #8 #8
208V 3PH #10	#8 #8 #8 #8	#8 #8 #8 #8
240V 3PH #10	#10 #12 #12 #12	#10 #12 #12 #12
480V 3PH #12	#10 #12 #12 #12	#8 #8 #8 #8
600V 3PH #12	#10 #12 #12 #12	#8 #8 #8 #8

CONDUCTOR TERMINAL RATING

DISCONNECT	CONDUCTOR SIZE (IN-LBS)	TORQUE VALUE (IN-LBS)	CONDUCTOR SIZE (AWG)	TORQUE VALUE (IN-LBS)
14-2/0	133-194	14-20	14-20	
14-4	30-35			
6/0	18-8			



NOTES:

- AREA CLASSIFICATION: ORDINARY
- AVAILABLE AMBIENT TEMPERATURE RANGES: -50°F - 104°F, 32°F - 104°F
- RATINGS: CONFIGURABLE WITH TYPE 44X JUNCTION BOX FOR INDOOR OR OUTDOOR LOCATION

OPTIONAL FEATURE THAT CAN BE CONFIGURED WHEN PURCHASED

THE ATTACHED DESIGNS ARE CONSIDERED TRADE SECRETS AND POTENTIALLY PATENTABLE. IN ACCORDANCE WITH CONFIDENTIALITY AND NON-DISCLOSURE AGREEMENT, THESE DESIGNS IN ACTUAL OR CONCEPTUAL FORMS CANNOT BE DISCLOSED, REPRODUCED OR USED WITHOUT HAWES' EXPRESS WRITTEN CONSENT.

APPROVALS

DESIGNED BY	DATE	1466 NEEPERLANE
CHECKED BY	DATE	SPRINGS, NEVADA 89541
APPROVED BY	DATE	
DATE		

8785 - ALL-WEATHER EMERGENCY WATER TEMPERING BOOTH

1466 NEEPERLANE SPRINGS, NEVADA 89541

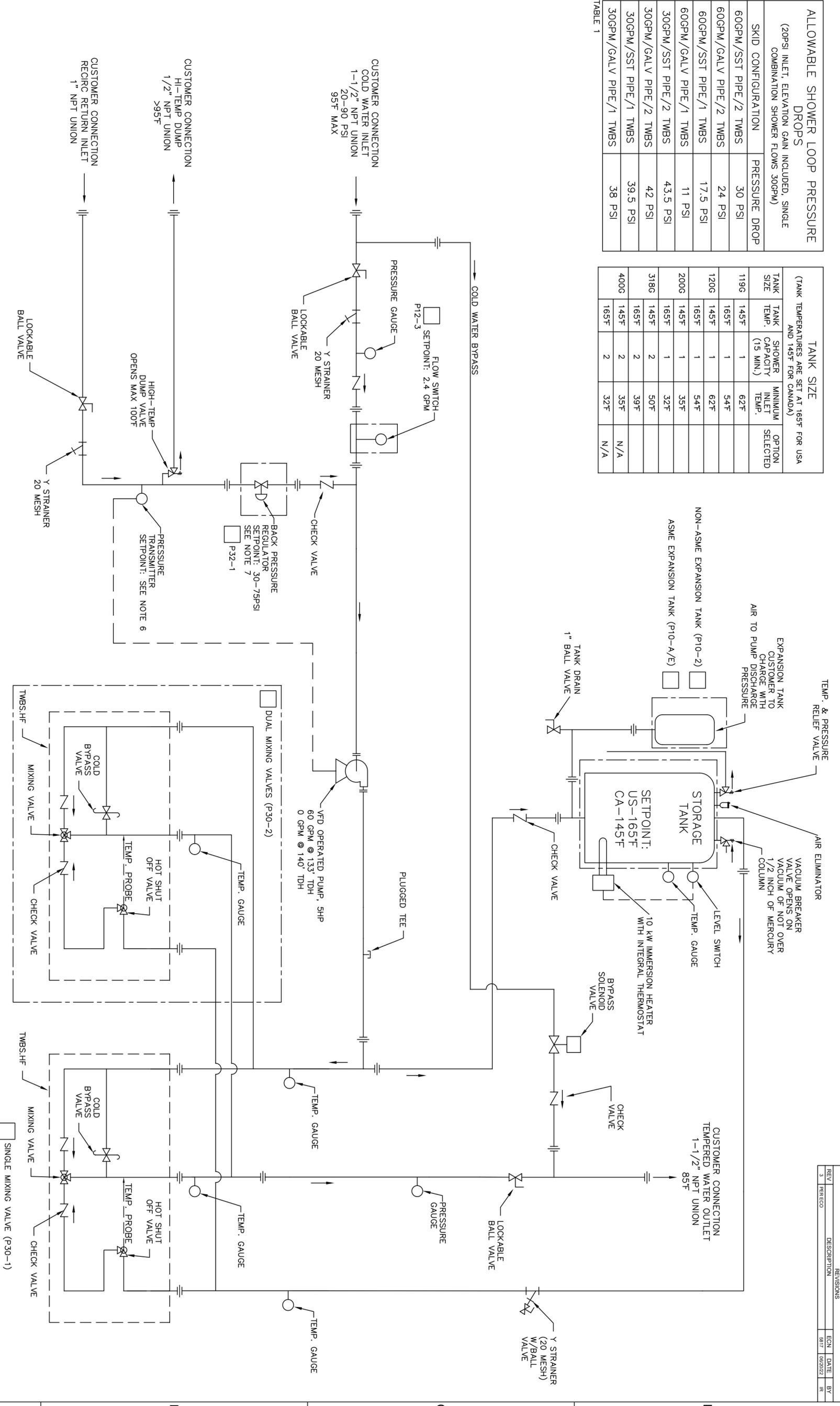
SCALE: 1/8" = 1"

0580001087.D/EL 3

REV	DESCRIPTION	DATE	BY
3	REVISION	08/11/2022	MR

ALLOWABLE SHOWER LOOP PRESSURE DROPS (20PSI INLET, ELEVATION GAIN INCLUDED, SINGLE COMBINATION SHOWER FLOWS 30GPM)		TANK SIZE (TANK TEMPERATURES ARE SET AT 165°F FOR USA AND 145°F FOR CANADA)
SKID CONFIGURATION	PRESSURE DROP	TANK SIZE
60GPM/SST PIPE/2 TWBS	30 PSI	TANK TEMP.
60GPM/GALV PIPE/2 TWBS	24 PSI	SHOWER CAPACITY (15 MIN.)
60GPM/SST PIPE/1 TWBS	17.5 PSI	MINIMUM INLET TEMP.
60GPM/GALV PIPE/1 TWBS	11 PSI	OPTION SELECTED
30GPM/SST PIPE/2 TWBS	43.5 PSI	
30GPM/GALV PIPE/2 TWBS	42 PSI	
30GPM/SST PIPE/1 TWBS	39.5 PSI	
30GPM/GALV PIPE/1 TWBS	38 PSI	

TANK SIZE	TANK TEMP.	SHOWER CAPACITY (15 MIN.)	MINIMUM INLET TEMP.	OPTION SELECTED
119G	145°F	1	62°F	
60GPM/SST PIPE/2 TWBS	165°F	1	54°F	
60GPM/GALV PIPE/2 TWBS	120G	1	62°F	
60GPM/SST PIPE/1 TWBS	165°F	1	54°F	
60GPM/GALV PIPE/1 TWBS	200G	1	35°F	
30GPM/SST PIPE/2 TWBS	165°F	1	32°F	
30GPM/GALV PIPE/2 TWBS	316G	2	50°F	
30GPM/SST PIPE/1 TWBS	165°F	2	39°F	
30GPM/GALV PIPE/1 TWBS	400G	2	35°F	
30GPM/SST PIPE/1 TWBS	165°F	2	32°F	N/A



- NOTES:
1. AREA CLASSIFICATION: ORDINARY
 2. AVAILABLE AMBIENT TEMPERATURE RANGE: -50°F - 104°F, 32°F - 104°F
 3. RATINGS: CONFIGURABLE WITH TYPE 4/4X JUNCTION BOX FOR INDOOR OR OUTDOOR LOCATION
 4. SEE TABLE 1 FOR ALLOWABLE PRESSURE DROP FROM SKID OUTLET TO SHOWERS. PRESSURE DROP INCLUDES ELEVATION CHANGES. PRESSURE DROP VALUES GIVEN FOR SUPPLY PRESSURE OF 20PSI. IF SUPPLY PRESSURE IS HIGHER, ADD THE DIFFERENCE BETWEEN SUPPLY PRESSURE AND 20PSI TO THE PRESSURE DROP GIVEN TO GET ADJUSTED ALLOWABLE PRESSURE DROP. ALLOWABLE PRESSURE DROP SHOULD NEVER EXCEED 60PSI WITH OUT FURTHER ANALYSIS AS THIS COULD LEAD TO OVER-PRESSURIZING SHOWERS.
 5. RECOMMENDED RECIRCULATION FLOWRATE: 10GPM
 6. PRESSURE TRANSMITTER SETPOINT IS TYPICAL SET TO 30PSI + ELEVATION CHANGE FROM SKID TO HIGHEST SHOWER (1FT = 433PSI)
 7. A BACK PRESSURE REGULATOR IS REQUIRED FOR THE FOLLOWING CONDITION: SUPPLY PRESSURE < 30PSI + ELEVATION CHANGE FROM SKID TO HIGHEST SHOWER

OPTIONAL FEATURE THAT CAN BE CONFIGURED WHEN PURCHASED

THE ATTACHED DESIGNS ARE CONSIDERED TRADE SECRETS AND POTENTIALLY PATENTABLE. IN ACCORDANCE WITH CONFIDENTIALITY AND NON-DISCLOSURE AGREEMENT, THESE DESIGNS IN ACTUAL OR CONCEPTUAL FORMS CANNOT BE DISCLOSED, REPRODUCED OR USED WITHOUT HAWES EXPRESS WRITTEN CONSENT.

APPROVALS	DATE		8785 - ALL-WEATHER EMERGENCY WATER TEMPERING BOOTH W/VFD PUMP
DRAWN	09/18/20		
CHECKED	07/06/22		
JOB NUMBER	07/06/22	1455 KLEPPE LANE SPARKS, NEVADA 89431 USA	SCALE SIZE
CUSTOMER INFO/NOTES #			N/A C
NOTICE OF PROPRIETARY INFORMATION THE INFORMATION CONTAINED HEREIN IS NOT TO BE REPRODUCED, DISCLOSED, OR USED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF HAWES CORPORATION.		THIRD ANGLE PROJECTION	REV 3

8785 PART NUMBER BREAKDOWN

PART NUMBER CONFIGURATION AND DRAWING REFERENCE GUIDELINE.

STEP 1:

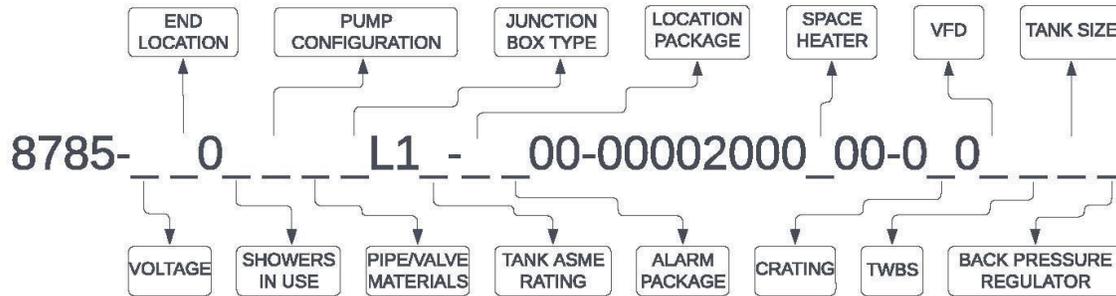
CONFIGURE PART NUMBER OR RETRIEVE PART NUMBER FROM EQUIPMENT. EXAMPLE PN: 8785-SU0D3B0L1T-2000-00002000100-0001141

STEP 2:

DETERMINE THE DRAWING SET THAT APPLIES TO THE CONFIGURED PART NUMBER. UNITS WITH NO PUMP OR JUST A RECIRCULATION PUMP USE DRAWINGS 0580001087.D-EL, 0580001087.D-PID AND 0580001087.D-GA. UNITS WITH A BOOSTER/RECIRCULATION PUMP AND A VFD USE DRAWINGS 0580001087.D-VFD EL, 0580001087.D-VFD PID AND 0580001087.D-VFD GA.

STEP 3:

USE THE TABLES BELOW TO DETERMINE WHICH SECTIONS OF THE DRAWINGS APPLY.



VOLTAGE	PN	DRAWING REFERENCE
208V 1PH 60HZ	1	P1-1
208V 3PH 60HZ	2	P1-2
240V 1PH 60HZ	3	P1-3
240V 3PH 60HZ	4	P1-4
480V 3PH 60HZ	5	P1-5
600V 3PH 60HZ	6	P1-6

END LOCATION	PN	DRAWING REFERENCE
UNITED STATES	U	P2-U
CANADA	S	P2-S

SHOWERS IN USE	PN	DRAWING REFERENCE
ONE (30GPM)	S	P4-S
TWO (60GPM)	D	P4-D

PUMP CONFIGURATION	PN	DRAWING REFERENCE
NO PUMP	0	0580001087.D-EL, P5-0 0580001087.D-PID, P5-0 0580001087.D-GA, P5-0
RECIRCULATION PUMP	1	0580001087.D-EL, P5-1 0580001087.D-PID, P5-1 0580001087.D-GA, P5-1
BOOSTER/RECIRC. PUMP (VFD INCLUDED)	3	0580001087.D-VFD EL, P5-3 0580001087.D-VFD PID, P5-3 0580001087.D-VFD GA, P5-3

PIPE AND VALVE MATERIALS	PN	DRAWING REFERENCE
GALVANIZED PIPE WITH BRASS VALVES AND STRAINERS	G	P6-G
304 SST PIPE WITH BRASS VALVES AND STRAINERS	B	P6-B
304 SST PIPE WITH STAINLESS STEEL VALVES AND STRAINERS	S	P6-S

JUNCTION BOX TYPE	PN	DRAWING REFERENCE
TYPE 4	0	P7-0
TYPE 4X	1	P7-1

TANK ASME RATING	PN	DRAWING REFERENCE
NON-ASME EXPANSION TANK	T	P10-T
ASME TANKS	A	P10-A
ASME EXPANSION TANK ONLY	E	P10-E

LOCATION PACKAGE	PN	DRAWING REFERENCE
ABOVE FREEZING (32°F - 104°F)	0	P11-0
ARCTIC (-50°F - 104°F)	2	P11-2

IN-USE ALARM PACKAGE	PN	DRAWING REFERENCE
NONE	0	-
FLOW SWITCH WITH ISOLATED ALARM DRY CONTACTS	3	P12-3

SPACE HEATER	PN	DRAWING REFERENCE
NONE (ABOVE FREEZING)	0	P23-0
SINGLE (ARCTIC)	1	P23-1

CRATING	PN
STANDARD	0
PREMIUM	1

VFD	PN	DRAWING REFERENCE
NONE	0	0580001087.D-EL 0580001087.D-PID 0580001087.D-GA
INCLUDED (BOOSTER/RECIRC. PUMP ONLY)	1	0580001087.D-VFD EL 0580001087.D-VFD PID 0580001087.D-VFD GA

TWBS	PN	DRAWING REFERENCE
ONE	0	P30-1
TWO	1	P30-2

TANK SIZE (GAL)	PN	DRAWING REFERENCE
119	0	P31-0
120	1	P31-1
200	2	P31-2
318 (NON-VFD, 125PSI)	3	P31-3
318 (VFD, 150PSI)	4	P31-4

BACKPRESSURE REGULATOR	PN	DRAWING REFERENCE
NONE	0	-
INCLUDED	1	P32-1