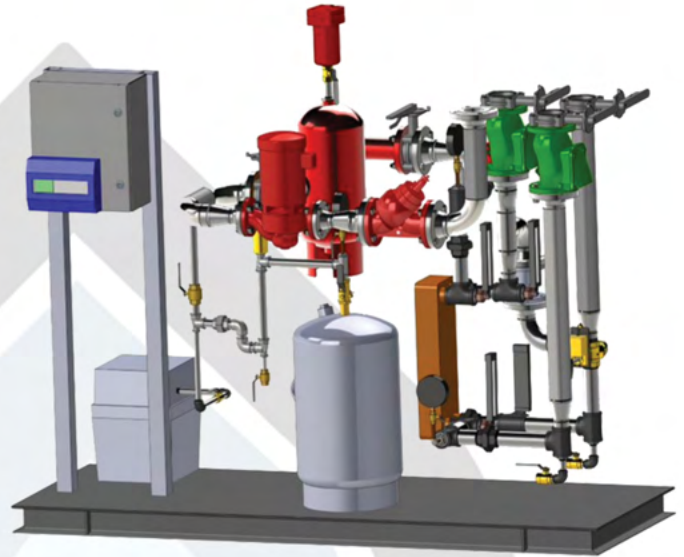


Job Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Contractor: \_\_\_\_\_  
 Submitted for:   Reference   Approval



# ProPak Engineering Data Sheet

## WATER TO WATER SNOWMELT PACKAGE



Our knowledge of integrating mechanical, electrical, and control systems allows ProPak to deliver the perfect solution for your Snowmelt System. Each Snowmelt Package is a standalone system including the heat exchanger, pump, hydronic specialties, glycol feed unit, single-point power, and snowmelt controls on a single steel skid for quick and easy installation.

### Exclusive ProPak Benefits:

- Completely pre-packaged system including all required equipment delivered on our ProPak frame which is designed to fit through a 36" doorway.
- Simplify the design process and save time using our drop-in-place Revit and CAD files.
- Fully assembled packages from ProPak mean there is only one responsible party and one point of contact when help or troubleshooting is required.

### Equipment Included:

- Brazed Plate Heat Exchanger
- Close-Coupled Inline Pump
- Flow Balancing and Strainers
- Air Separator
- Diaphragm Expansion Tank
- 6-Gallon Glycol Makeup Unit
- Snowmelt Controller:
  - Modbus/BACnet Capability
  - Optional 3-Way Bypass

## Specifications

Model	Piping Connector	Nominal MBH	Snowmelt Coverage	Max HWH Flow Rate <sup>1</sup>	Max HWH Pressure Loss	Max Snowmelt System Head <sup>2</sup>	Pump HP	Electrical	Package FLA	Required Breaker	Minimum Wire Size
SMW0200	2"	500	2,800 sf	51 gpm	25'	40'	1.5	120/1/60	27.7	50A	12AWG
								230/1/60	13.9	25A	14AWG
								208/3/60	10.8	15A	14AWG
								460/3/60	5.0	15A	14AWG
SMW0250	2-1/2"	750	4,200 sf	76 gpm	22'	40'	2	120/1/60	31.7	60A	10AWG
								230/1/60	15.9	30A	14AWG
								208/3/60	11.7	20A	14AWG
								460/3/60	5.4	15A	14AWG
SMW0300	3"	1350	7,650 sf	137 gpm	22'	40'	3	230/1/60	20.9	40A	12AWG
								208/3/60	14.8	25A	14AWG
								460/3/60	6.8	15A	14AWG
								230/1/60	31.9	60A	10AWG
SMW0400	4"	2750	15,650 sf	280 gpm	33'	40'	5	208/3/60	20.9	40A	12AWG
								460/3/60	9.6	15A	14AWG

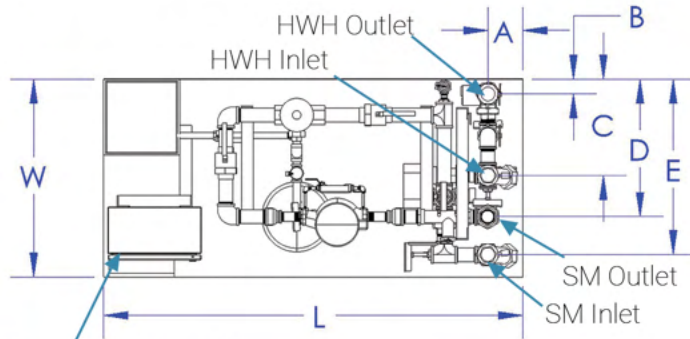
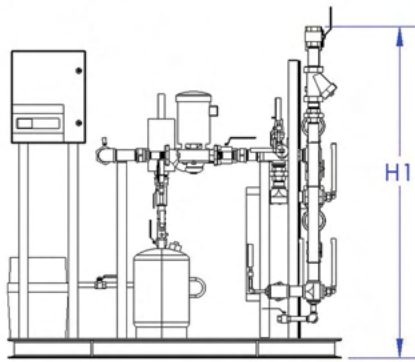
1. Based on 20°F ΔT for boiler water, 30°F ΔT for snowmelt.

2. Maximum allowable pressure loss from tubing, manifolds, and piping to manifolds.

# Water to Water Snowmelt Packages

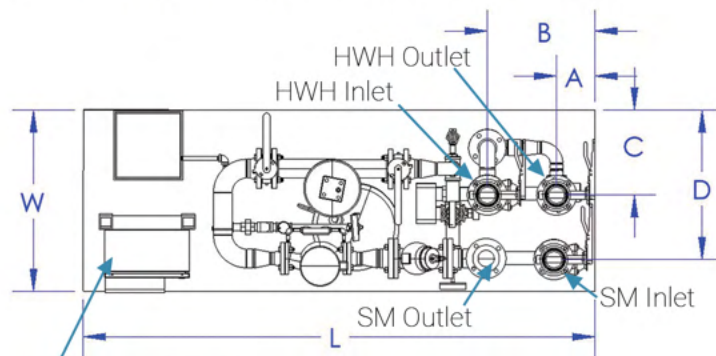
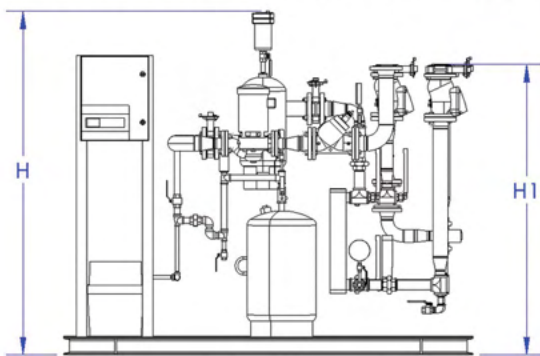


## Model #SMW0200 - 2" Connections - Single Phase or Three Phase



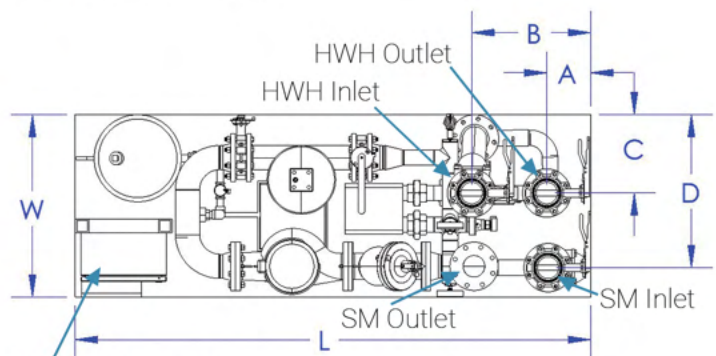
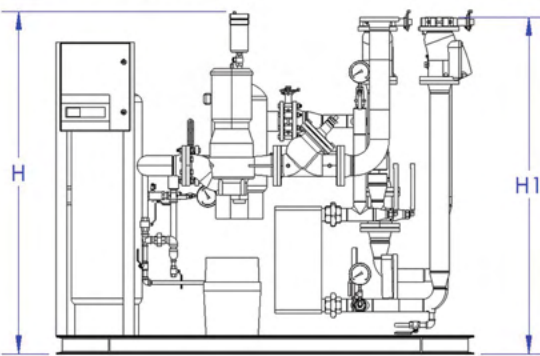
Electrical Connection

## Model #SMW0250 / SMW0300 - 2-1/2" and 3" Connections - Single Phase or Three Phase



Electrical Connection

## Model #SMW0400 - 4" Connections - Single Phase or Three Phase



Electrical Connection

Model	Overall Dimensions			Piping Connections							Clearance			Weight	
	L	W	H	Style	H1	A	B	C	D	E	Front	Side	Side	Shipping	Installed
SMW0200	72"	34"	NA	2" NPT	75.8	2.50	6.00	16.50	23.63	13.1	36"	12"	12"	950	1250
SMW0250	84"	34"	73.11	2-1/2" FLG	74.1	15.50	28.13	7.00	18.50	NA	36"	12"	12"	1175	1500
SMW0300	96"	34"	80.68	3" FLG	69.8	16.00	28.00	7.13	20.13	NA	36"	12"	12"	1375	1750
SMW0400	96"	34"	80.27	4" FLG	77.50	14.63	28.50	8.13	22.13	NA	36"	12"	12"	2275	2950

Notes: Air vents shipped loose to ensure packages fit through 76" doorway.

SMW0400T available with removable piping spools to bring maximum height to under 74" if required to fit through doorway.

Dimensions not to be used for construction purposes unless certified.



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Formed by industry leaders who saw a need for packaged solutions, ProPak provides dependable, turn-key solutions that save you time and money. With over 100 years of combined experience, our team of industry veterans know how to get the job done right.

