



Solstice Buffer Tank



Hydronic buffer tanks are used as both hydraulic separators and hydronic buffer tanks.

As a hydraulic separator, BT's separate the hydronic from the energy source loop (heat pump / boiler) from the hydronic flow in the distribution system (air handlers / emitters). Hydraulic separation is used primarily in systems where flow rates from the source to the distribution vary or with applications utilizing variable speed pumps. The heating or cooling source can be hydraulically decoupled from the distribution system.

BT's are used as hydronic buffer tanks in systems having several low BTU cooling or heating loads calling at different times or systems operating below the design load condition.

BT's store the additional system volume and energy currently not utilized by the system for use on additional

calls for heat leading to more efficient system performance and longer equipment life.

There are four connections (1-1/2 NPT) built into the BT units. Two connections can be piped to the heat pump / boiler, and two connections can be piped to the distribution system.

Features and Benefits

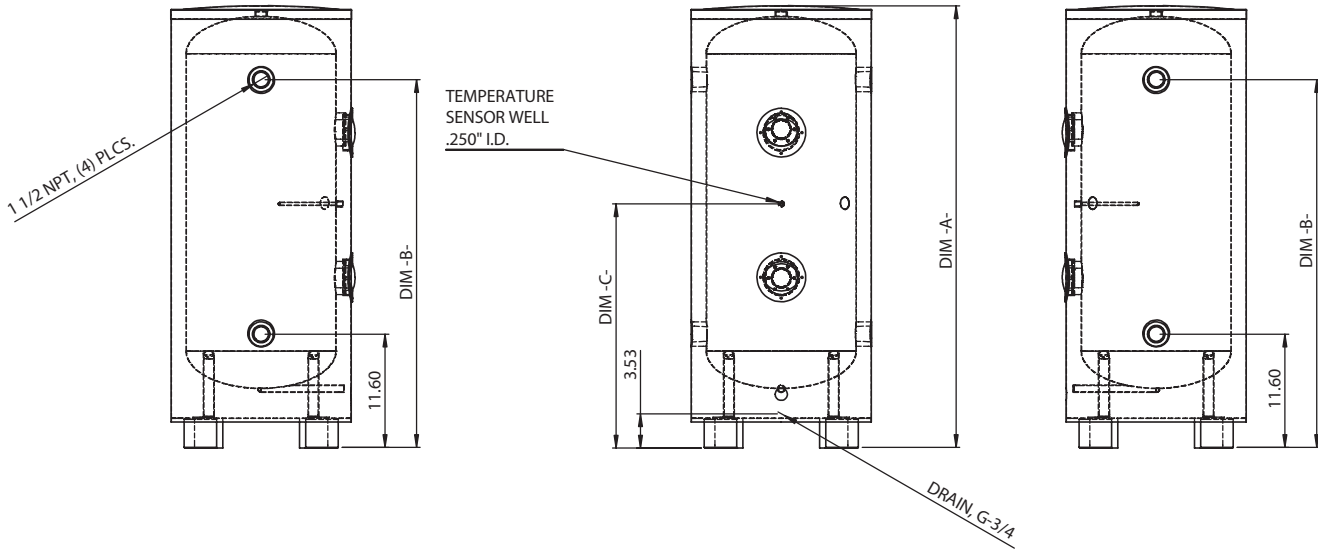
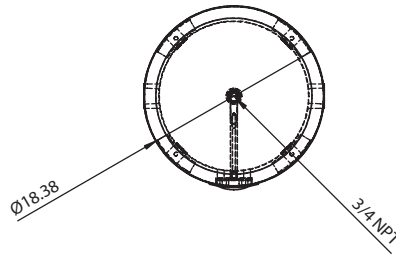
- Durable Stainless Steel Construction
- R12 Polyurethane Resin Form Insulation
- Offered in 26 and 40 Gallons
- Optional 3kW Electric Heating Elements
- Four 1-1/2" NPT Connections
- White Outer Housing

www.spacepak.com

260 North Elm Street | Westfield, MA 01085

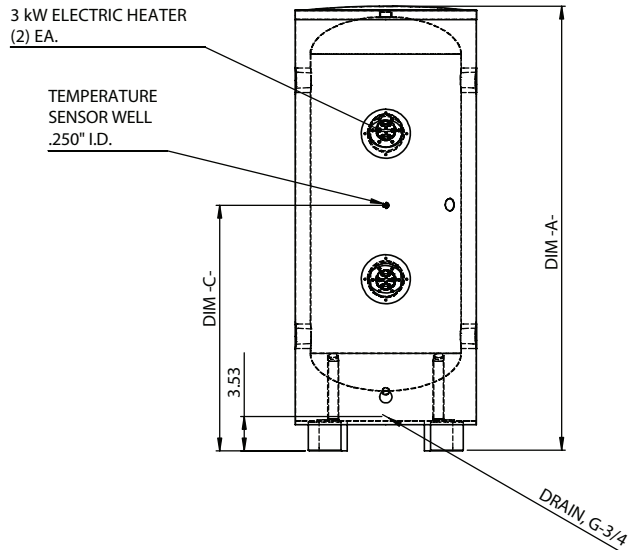
Dimensions

| Dimension | BT-26 | BT-40 |
|------------------|-------|-------|
| -A- | 43.25 | 58.25 |
| -B- | 35.88 | 50.75 |
| -C- | 23.13 | 32.25 |
| Capacity, US Gal | 26 | 40 |



Buffer Tanks with 3kW Heaters

| Dimension | BT-26-H | BT-40-H |
|-------------------------------|---------|---------|
| -A- | 43.25 | 58.25 |
| -B- | 35.88 | 50.75 |
| -C- | 23.13 | 32.25 |
| Capacity, US Gal | 26 | 40 |
| Heat Capacity, kW | 6.0 | 6.0 |
| Min. Circuit Ampacity at 480V | 30.0 | 30.0 |



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