

ThermaCon Buffer Tank Carbon Steel 4 Port with Indoor Insulation

SPEC SHEET

PRODUCT CODE: As below

KEY FEATURES

ThermaCon Heating or Cooling Indoor Buffer tank, Insulated with PVC jacket 6 bar rated Carbon steel construction, with 4 x flange ports and threaded auxiliary connections. Suitable for closed-loop heating/Cooling and Glycol applications. Optional Side brackets for ease of additional seismic restraint.

- Carbon steel 6-bar rated Tank, external Anti-rust painted.
- 4 x DIN flange connections: 150mm 1000-1500L and 200mm for 2000L - 5000L.
- Insulation: 20mm glued closed-cell foam (Vapour barrier) + 80/100mm Polyester and PVC Jacket. Approximate total insulation-only thermal resistance of the system is $R +3.0 \text{ m}^2\cdot\text{K/W}$
- Fluid temp limits: $-10/+60^\circ\text{C}$ (80°C on request)
- Aux Connections/ports: 40mm BSP drain and vent. 4 x 25mm side ports for gauges/instruments.
- Side brackets plates for ease of seismic restraint or horizontal transportation.
- Can be used as a 4-port or 2-port buffer.
- Normal applications include: Hot water heat pump thermal buffer tank, Water chiller inertia tank, Boiler system primary-secondary buffer, and Hydronic heat storage.
- Dimensional drawings available for each size.

Size	Code	Diameter Uninsulated	Insulated Dimensions
1000L	TCBT-SIF-1000	850mm	Dia 1090mm, H 2125mm
1500L	TCBT-SIF-1500	1000mm	Dia 1240mm, H 2255mm
2000L	TCBT-SIF-2000	1250mm	Dia 1490mm, H 2000mm
2500L	TCBT-SIF-2500	1400mm	Dia 1640mm, H 1960mm
3000L	TCBT-SIF-3000	1400mm	Dia 1640mm, H 2300mm
4000L	TCBT-SIF-4000	1600mm	Dia 1850mm, H 2400mm

*CHECK DRAWINGS FOR UPTO DATE MEASUREMENTS



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