



# EagleSun™ System

## Thermo-Miser™ Drainback Specifications



(DB-10SS-10XC SHOWN)

### Inner Tank (DB & DX Models):

- Stainless Steel construction from type 304 alloy
- Seams and fittings are Inert Gas Arc welded
- Connection fittings are 3/4" female NPT
- Maximum operating temperature: 250°F (121°C)
- Maximum operating pressure: 45 PSI

### Insulation (DB & DX Models):

- Rigid Polyurethane foam poured and molded in place, 1" on sides and bottom, 1 1/2" on top (R7.2/inch)
- Thermal Conductivity (K-Factor): w/m °C: 0.04 or BTU-in/hr ft² °C: 0.28

### Outer Jacket (DB & DX Models):

- ABS plastic outer shell with vacuum molded end caps
- Polythene moldings around all fittings

### Heat Exchangers (DX Models Only):

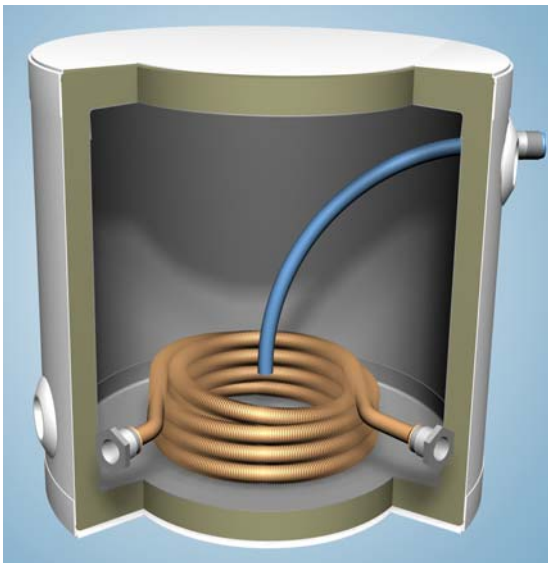
- Standard internal heat exchanger coils are finned copper tube
- Connections are 1/2" female NPT
- Maximum working pressure: 446 PSI
- Maximum Burst pressure: 2,788 PSI

### Sight Glass (DB & DX Models):

- Bronze body with a Polycarbonate tube

### Pressure Relief Valve (DB & DX Models):

- Pressure Set Point: 345 kPa or 50 PSIG



(Internal Heat Exchanger)

Part No.	Description	Tank Capacity	Dry Weight	Height/ Diameter
DB-10SSC	10 Gallon Drainback Tank	9.55 Gal	27 lbs	17.75"/16"
DB-15SSC	15 Gallon Drainback Tank	14.72 Gal	31 lbs	25"/16"
DB-10SS-10XC	10 Gallon Drainback Tank w/10 ft² Heat Exchanger	9.1 Gal	37 lbs	20"/16"
DB-15SS-15XC	15 Gallon Drainback Tank w/15 ft² Heat Exchanger	13.97 Gal	46 lbs	25"/16"