

Thermal Buffer Tanks

Standard or Custom-Built EBM/EBS Series

ecoHVAC Products supply thermal buffer tanks manufactured for heating and chilled water commercial applications. Available in both mild steel and stainless steel, a buffer tank is designed to reduce chiller or boiler short cycling.

Buffer tanks are used in systems operating below the design load condition, which is a common occurrence, or in systems having several low kW cooling or heating loads, calling at different times. This can cause the chiller or the boiler to short cycle, resulting in reduced operating efficiency and shorter equipment life.

Our thermal buffer tank series includes a standard range as well as a custom-built range. Tanks can be manufactured from mild steel or stainless-steel construction, with or without insulation, and are available in a range of capacities.

FEATURES AND BENEFITS:

- Mild Steel or Stainless Steel
- Rated to 750Kpa Working Pressure, Design 1,125KPa (EBM250 to EBM3000; Higher Press on request)
- Bolted Inspection Cover (EBM/S1000 to EBM/S10000)
- CHW R2.0 or HHW 3.0 Insulation option
- Soft Vinyl or Metal Cladding option (Colorcote; Aluminium & Stainless Steel)
- Flange Connections (2 Standard; custom available)
- Internal Baffle Sparge Pipe
- AS1210 compliant tanks available



STAINLESS
STEEL

VAPOUR SEAL
TANK WRAP

RIP STOP
VINYL WRAP

COLORBOND®



TANK	LITRE	FLANGE (mm) Standard Options	HEIGHT (mm)	WIDTH (mm)	WEIGHT (kg) - Empty
EBM500 EBS500	500	80/100	1970	650	170
EBM1000 EBS1000	1,000	80/100	2155	850	280
EBM1500 EBS1500	1,500	100/125	2150	1000	570
EBM2000 EBS2000	2,000	125/150	2230	1160	690
EBM2500 EBS2500	2,500	125/150	2330	1300	750
EBM3000 EBS3000	3,000	125/150	2580	1300	840
EBM3500 EBS3500	3,500	125/150	2470	1520	1100
EBM4000 EBS4000	4,000	125/150	2770	1520	1180
EBM4500 EBS4500	4,500	125/150	2470	1650	1240
EBM5000 EBS5000	5,000	125/150	2770	1650	1300
EBM5500 EBS5500	5,500	150/200	2970	1650	1350
EBM6000 EBS6000	6,000	150/200	2970	1820	1450
EBM6500 EBS6500	6,500	150/200	3170	1820	1760
EBM7000 EBS7000	7,000	150/200	3270	1820	1850
EBM7500 EBS7500	7,500	150/200	2770	2120	2050
EBM8000 EBS8000	8,000	200/250	2870	2120	2110
EBM8500 EBS8500	8,500	200/250	2970	2120	2170
EBM9000 EBS9000	9,000	200/250	3170	2120	2280
EBM9500 EBS9500	9,500	200/250	3270	2120	2350
EBM10000 EBS10000	10,000	200/250	3220	2450	2720

Custom tanks built to specification also available
 Custom sizes up to 20,000 LT available on request



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