

TECHNICAL SPECIFICATIONS
ENAMELLED D.H.W. TANKS FOR HEAT PUMPS
200 – 1000 Liters

Double enameled tank

Cathodic protection with magnesium anode on both flanges.

Maximum operating pressure of the tank 10 bar.

Maximum operating temperature of the tank 95°C.

Polyurethane insulation 60mm thick with density 52 kgr/m³ for 200L-300L.

Insulation from soft polyurethane (foam) 100mm thick for 500L-1000L.

Enameled steel-tube heat exchanger 1 ¼" for heat pump.

Enameled steel-tube heat exchanger 1" for solar collectors.

Maximum heat exchanger's operating pressure 16bar.

Maximum heat exchanger's operating temperature 130°C.

TECHNICAL SPESIFICATIONS

		BLGLLA 200	BLGLLA 300	BLGLLA 600	BLGLLA 800	BLGLLA 1000
Energy efficiency class		C	C	C	C	C
Inner Diameter	mm	510	510	650	850	850
External diameter	mm	630	630	850	1050	1050
Height	mm	1460	2000	2000	1800	2000
Container thickness	mm	2,5	2,5	3	4	4
Container's Maximum operating temperature	°C	95				
Container's maximum operating pressure	bar	10				
Maximum use water pressure	bar	10				
Maximum heat exchanger's operating pressure	bar	16				
Type of insulation (Polyurethane)		Hard	Hard	Soft	Soft	Soft
Insulation thickness	mm	60	60	100	100	100
Heat exchanger surface A (Heat pump)	m ²	2,60	3,60	4,20	6,00	6,00
Heat exchanger surface B (Solar)	m ²	1,20	2,20	2,60	2,60	2,60
Heat exchanger Capacity A (Heat pump)	L	22,7	31,5	36,1	71	71
Heat exchanger Capacity B (Solar)	L	5,85	10,8	12,7	12,7	12,7
Heat exchanger Cross-Section A (Heat pump)	Inch	1''	1 ¼''	1 ¼''	1 ¼''	1 ¼''
Heat exchanger Cross-Section B (Solar)	Inch	1''	1''	1''	1''	1''
Heat exchanger supply A (AIN / AOU)!!!	Inch	1 ½''	1 ½''	1 ½''	1 ½''	1 ½''
Heat exchanger flow rate B (BIN / BOU) !!!	Inch	1''	1''	1''	1''	1''
CW cold water supply	Inch	1''	1''	1''	1 ½''	1 ½''
Hot water supply HW	Inch	1''	1''	1''	1 ½''	1 ½''
Recycling supply R	Inch	1''	1''	1''	1 ½''	1 ½''
Providing sensors S1, S2, S3	Inch	½''	½''	½''	½''	½''
Supply thermometer TH	Inch	½''	½''	½''	½''	½''
F1 Flange (ABOVE)	mm	140	140	140	196	196
Cleaning flange F2 (DOWN)	mm	140	140	193	193	193
F1 anode flange(ABOVE)	mm	Φ22×500	Φ22×500	Φ32×500	Φ32×500	Φ32×500
F2 anode flange(DOWN)	mm	Φ22×300	Φ22×500	Φ32×500	Φ32×500	Φ32×500
Supply of electrical resistance EH		Φ140mm	Φ140mm	Φ 1 ½'' Inch	Φ 1 ½'' Inch	Φ 1 ½'' Inch
Cleaning flange F2 (DOWN)		flange F2 (DOWN)				

