

TECHNICAL DATA FOR STORAGE TANK

Product Data Sheet according to DIN EN 12897: 2006, Stand 01.01.2016



WWW.ECPOWER.EU



The EC POWER storage tank with external Storage Control ensures that heat produced in the XRGⁱ® system is stored when the consumer uses little or no heat. This prevents the XRGⁱ® system from cutting in and out and operation of the XRGⁱ® becomes more efficient after start-up with longer running times.

ORDERING DATA

Supplier's name or trademark	EC POWER		
Supplier's model identifier	Storage Tank 500 l / 6 bar	Storage Tank 800 l / 6 bar	Storage Tank 1.000 l / 6 bar
Article number	K000012	K000013	K000014
Modules	Storage Tank including one storage control	Storage Tank including one storage control	Storage Tank including two storage controls

OUTPUT

Storage Tank		Storage Tank 500 l / 6 bar	Storage Tank 800 l / 6 bar	Storage Tank 1.000 l / 6 bar
Heat capacity (at 40 °C temperature difference)	kWh	22	35,2	44
Heat loss	W	100	116	136
Q _{st}	kWh/ 24h	2,408	2,772	3,271

OPERATING PARAMETERS

Max. operating pressure	bar	6	6	6
Max. operating temperature	°C	95	95	95

CONNECTIONS

Flow	Rp	2"	2"	3"
Return	Rp	2"	2"	3"
Drain	Rp	1"	1"	1"
Air vent	Rp	½"	½"	½"

INSULATION

Jacket (PU hard)	mm	70	95	95
Lid (PU hard)	mm	70	95	95

DIMENSIONS, VOLUME AND WEIGHT

Dimensions, Ø x H (with insulation)	mm	810 x 1.850	990 x 1.910	990 x 2.240
Dimensions, Ø x H (without insulation and deaerator)	mm	650 x 1.785	790 x 1.825	790 x 2.155
Tilted height	mm	1.815	1.875	2.195
Nominal volume	ltr.	500	800	1.000
Actual volume	ltr.	525	796	957
Empty weight (with insulation and panel)	kg	112	147,5	187,5
Immersion sleeve (inside diameter)	mm	8	8	8