

LATENTO 500 Heat pump storage tank (Article number 878 702 251)

Unpressurized plastic solar storage tank according to DIN 4753 and DIN 4708, particularly suitable for operation with heat pumps, with integrated PUR insulation, with DHW and back-up heat exchanger made of long corrugated stainless steel pipe, external thread connection G 1 ¼" flat-sealing.



1. Technical Data

	LATENTO WP 500
Container	
Material container	Polypropylene
Material lid	Polypropylen
Material insulation	Polyurethane
Construction class acc. to DIN 4102-1	B2 (normal inflammability)
Length l [cm]	78
Width b [cm]	78
Height h [cm]	158
Diagonal measurement [cm]	176
Weight empty [kg]	100
Gross capacity [l]	536
Average hourly temperature loss [K/h]	0,1
Max. storage temperature [°C]	85
Tapping rate (65°C storage temperature) without back-up [l]	330
Continuous power (85°C back-up) [l/h]	1.700
Nominal power rating N _i * [kW]	10*
Continuous power warm water Q _p [kW]	(at 85/10/45) 69
DHW Heat Exchanger	Long-wave corrugated stainless steel DN 25 (ø 32,8 x 0,3 mm)
Length [m]	39,3
Surface [m ²]	5,7
Water contents [l]	27,5
Connection	G 1 ¼"
Back-up Heat Exchanger	Long-wave corrugated stainless steel DN 25 (ø 32,8 x 0,3 mm)
Length [m]	27,3
Surface [m ²]	4
Water contents [l]	19
Connection	G 1 ¼"

* DIN 4708-3 (heating capacity 60 kW)

Approved for heat pumps up to 15 kW, with max. 2,500 l/h heating water volume flow.