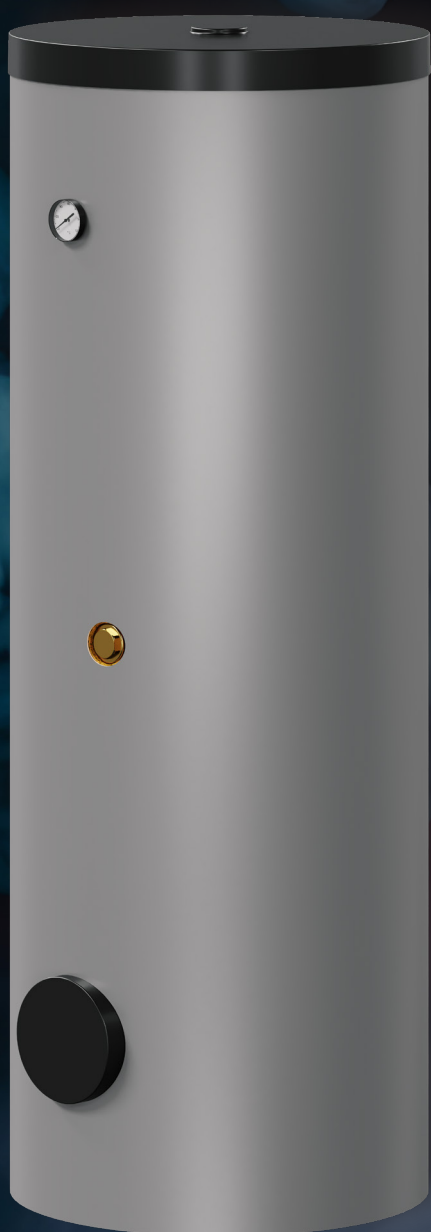




Domestic hot water cylinder

BWS



EFFICIENCY
MEETS
VERSATILITY

High-performance heat pump storage tank

BWS-WP+ 200 - 500 B

**Drinking water storage tank with elliptical technology -
More efficiency. More comfort.**

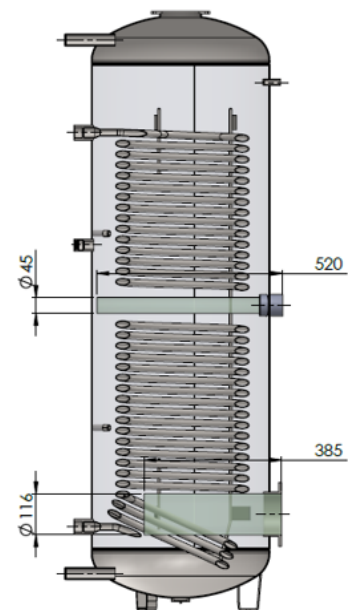
Ideally matched to the requirements of modern heat pump systems.

The key is in the detail: The elliptical heat exchanger pipes and the optimised sensor pipe positions ensure a perfect balance between comfort and energy efficiency. The result: better COP values and more efficient utilisation of the heat pump.

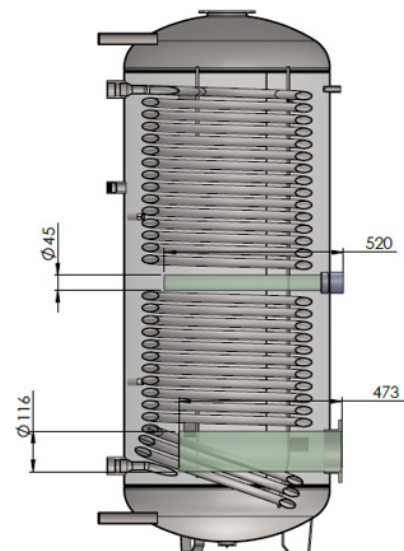
The cylinder also offers noticeable efficiency benefits with the same volume and heat exchanger surface area as comparable models. The integrated 1 ½" socket at 50 % of the cylinder volume allows easy retrofitting of a screw-in electric heater for greater convenience and optimised use of PV solar power compared to similar products.

TECHNICAL FEATURES

- Permissible operating pressure max. 10 bar
- Energy efficiency class (ERP): B
- Magnesium anode 1 ¼" (DIN 4753-3)
- Heat exchanger: elliptical tube for large heat exchanger surface area (m²) - same heat exchanger surface area compared to similar products with double heat exchanger
- Full range with 1 ½" connection for screw-in electric radiators at approx. 50 % of the volume
- Optimisation of the PV self-consumption



BWS-WP+, 300 B



BWS-WP+, 400 B



Technical data

BWS-WP+ 200 - 500 B

Type		Unit	BWS-WP+ 200 B	BWS-WP+ 300 B	BWS-WP+ 400 B	BWS-WP+ 500 B
Article number			075485	075486	075487	075488
Content		L	206	295	384	485
Weight		kg	89	115	177	215
Energy efficiency class			B	B	B	B
Tap profile			XL	XXL	XXL	3XL
Heat exchanger surface		m ²	2,44	3,46	4,9	5,83
Tilt dimension		mm	1414	1841	1768	1890
Flange installation depth		mm	385	385	473	528
Installation depth electric heater 1½" IG		mm	520	520	623	673
Cold water 1" AG		mm	104	104	104	104
A	Return heat exchanger 1" IG	mm	235	235	-	-
A	Return heat exchanger 1 1/4" IG		-	-	255	278
B	Flow heat exchanger 1" IG	mm	1033	1348	-	-
B	Flow heat exchanger 1 1/4" IG		-	-	1344	1440
C	Circulation 3/4" IG	mm	820	1030	1060	950
D	Diameter with Thermal insulation	mm	600	600	700	750
E	Sensor sleeve bottom	mm	400	515	499	532
F	Sensor sleeve top	mm	762	1063	976	1044
G	D180 blind flange	mm	271	271	297	310
H	Hot water 1" IG	mm	1147	1608	1490	1600
I	Thermometer	mm	1029	1490	1345	1440
J	Electric heating 1½" IG	mm	606	860	785	846
K	Height with thermal insulation	mm	1280	1741	1624	1735

