

Accumulator tank

Tap water system, stainless steel

AT 8520A

Internet variants

Dimension range	PN	Temperature range	Material
Volume 300-4000 L	10	0 °C to 110 °C	Stainless steel

Range of application

For accumulation/heating of tap water.

Maximum pressure/temperature tank 10 bar/110°C.

AMA-text

PLD.2 Pressure vessel for liquid medium

Single sheathed storage tank AT 8520A with volume litres with tap water magazine in ferritic/acid-proof stainless steel.

Quality assurance

Meets the requirements in AFS 2016:1 §8, and shall therefore not be CE-marked.

Material specification

Tank (AT 8520A300 + AT 8520A500)	Stainless acid-proof steel EN 1.4521
Tank (AT 8520A750 - AT 8520A4000)	Stainless acid-proof steel EN 1.4404
Isolation	100 mm polyurethane + galvanized sheet



Dimension and weight

AT-nr	Volume liter	Height mm	Diameter mm	Weight kg
AT 8520A300	300	1800	710	70
AT 8520A500	500	1850	850	100
AT 8520A750	750	2150	950	195
AT 8520A1000	1000	2200	1050	280
AT 8520A1500	1500	2300	1250	430
AT 8520A2000	2000	2360	1400	630
AT 8520A2500	2500	2440	1500	705
AT 8520A3000	3000	2460	1600	770
AT 8520A4000	4000	2350	1800	1100

Function and design

The storage tank consists of a water reservoir in ferritic/acid-proof stainless steel and is available in volumes of 300-4000 liters. Connections for power cartridges are included as standard.

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Connections

AT-no	KV	T	VV	VVC	VVX	Immersion heaters
8520A300 + 500	G 1 1/ 2	3 x G 1/ 2	G 1 1/ 2	G 3/ 4	G 1 1/ 2	2 x G 2
8520A750 - 4000	G 2	3 x G 1/ 2	G 2	G 3/ 4	G 2	3 x G 2

Energy performance

Volume	Power consumption (kWh/24h)	Energy efficiency class
300	2,38	D
500	2,86	D
750	3,48	D
1000	3,84	D
1500	4,58	D
2000	5,04	D

Dimensioning

Contact Armatec.

Accessories and options

Other connections
Inspection cover
Unisolated
Loops
Heating cartridges



Heating cartridges

Including thermostat and overheat protection.

Heating cartridges

AT-no	Effect (kW)	Fits tank with volume (liter)
AT 8526EL3KW	3,0	300-4000
AT 8526EL4KW	4,5	300-4000
AT 8526EL6KW	6,0	300-4000
AT 8526EL7KW	7,5	500-4000
AT 8526EL9KW	9,0	750-4000
AT 8526EL10KW	10,0	1000-4000

Installation

The storage tank is installed on a flat floor area. It is very important that the tank is filled with water before power is turned on to eventual heating cartridges.

Maintenance and spare parts

If the tank is installed and not used it must be flushed with water once a week. The product is otherwise maintenance free.

Rätten till ändringar utan föregående meddelande förbehålls.
Armatec ansvarar inte för eventuella tryckfel eller missförstånd.
Dokumentet får kopieras endast i sin helhet.

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How to order

Volume	AT-no	RSK-no
300	8520A300	6875500
500	8520A500	6875501
750	8520A750	6875502
1000	8520A1000	6875503
1500	8520A1500	6875505
2000	8520A2000	6875506
2500	8520A2500	6875507
3000	8520A3000	6875508
4000	8520A4000	6875509