

# Storage tank

## Cooling system

AT 8524A

### Internet variants

Dimension range	PN	Temperature range	Material
Volume 300-4000 L	6	-10 °C to +65 °C	Stainless steel

### Range of application

For accumulation in cooling system. Max. working pressure / temperature 6 bar/ 55 ° C.

### AMA-text

#### PLD.21 Pressure vessel for cold storage

Accumulator tank AT 8524A .... with volume .... litres for accumulation of cold storage in stainless steel. Isolated with 100 mm polyurethane, surface coated with galvanized sheet metal.

### Quality assurance

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

### Material specifications

		300+500 liters: Stainless steel EN 1.4521. (-10 °C to 65 °C)
		750-4000 liters: Stainless steel EN 1.4301. (-50 °C to 65 °C)
1	Magazine	
2	Isolation	100mm polyurethane + galvanized sheet metal.
3	Connections	2st as standard (thread or flange).
4	Thermometer/transducers	3st as standard.

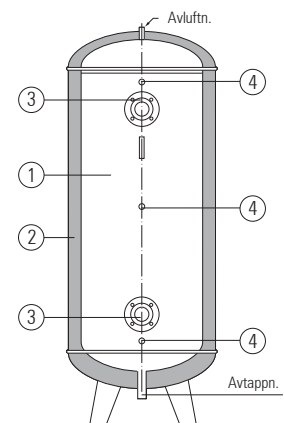
### Dimension and weight

Art.no	Volume liter	Height mm	Diameter mm	Weight kg
AT 8524A300	300	1850	710	120
AT 8524A500	500	1850	850	170
AT 8524A750	750	2050	950	190
AT 8524A1000	1000	2100	1050	260
AT 8524A1500	1500	2150	1250	320
AT 8524A2000	2000	2300	1400	450
AT 8524A3000	3000	2450	1600	550
AT 8524A4000	4000	2500	1800	690

### Function and design

Isolation 100 mm polyurethane seamless + coated galvanized steel.

Recommended lowest temperature; +4°C. For lower temperatures, armaflex-is-ulation is recommended.



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## Technical data

Art. no	IN/UT	T/M	Venting/drain
AT 8524A300	DN 40	G ½	G 1
AT 8524A500	DN 40	G ½	G 1
AT 8524A750	DN 65	G ½	G 1
AT 8524A1000	DN 65	G ½	G 1
AT 8524A1500	DN 100	G ½	G 1
AT 8524A2000	DN 125	G ½	G 1
AT 8524A3000	DN 150	G ½	G 1
AT 8524A4000	DN 200	G ½	G 1

## Dimensioning

Contact Armatec.

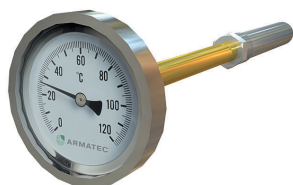
## Accessories and options

More connections as desired, specify number and dimension.

Layer plates and guide tubes.

Armaflex-isolation 9mm, 13mm, 19mm, 25mm, 32mm.

Other design pressures PN 3, 4, 6, 10 bar.



## Installation

The storage tank is designed to be placed upright on the floor.

## Maintenance and spare parts

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

## How to order

Volume (liter)	AT-no	RSK-no
300	8524A300	6875510
500	8524A500	6875476
750	8524A750	6875477
1000	8524A1000	6875478
1500	8524A1500	6875479
2000	8524A2000	6875480
3000	8524A3000	6875481
4000	8524A4000	6875482