

Mixing Vessel

AT 8395A

Article number	RSK	Energy class	Application	Performance	Media	Material	Height (mm)	Diameter (mm)	DN	PN	Temperature (°C)	Volumetric (Liters)	Options	Environment assessment	Keywords
8395A60	6250826		Cold charring system	F	F	F	1400	450	F	F	I	600	R F F		
8395A100	6250827		Cold charring system			Polyethylene	1190	520				1000			

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8395A200	62508		Cold carriage system			Polyethylene	1730	520			100	200			
8395A300	62509		Cold carriage system			Polyethylene	1730	650			100	300			
8395A500	62503		Cold carriage system			Polyethylene	1925	750			100	500			

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

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8395A1000	62501		Cooling systems			Polyethylene	1190	150			0-80	1190			

Dimension range 60 - 1000 liters	Temperature range 0°C to 80°C	Material MD-Polyethene
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Range of application

For mixing and filling up of liquids for cooling systems, such as mixtures of water and ethylene glycol.

PLB.2 Open tanks for storage of liquid medium

Mixing vessel AT 8395A with Volume liters, with selfpriming filling pump and associated fittings.



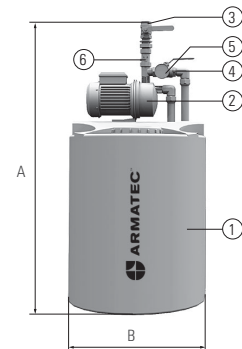
AT 8395A

Quality assurance

Open vessel, therefore free from duty and inspection. The equipment is in accordance with MD 2006/42/EG and EMC 2004/108/EG and are CE-marked.

Material specification

1	Vessel in MD-polyethene with screw-on lid, diameter 150 mm
2	Injection pump WILO-Jet WJ203, 1 phase, 230 V, 50 Hz, rated current 3,6A, output of 0.75 kW, protection class IP44
3	Valve for filling, AT 3640-25
4	Valve for mixing, AT 3634-25
5	Pressure indicator, AT 4258-8-6, scale 0-6 bar



Dimension and weight

Volume	60	100	200	300	500	1000
A	1040	1190	1730	1675	1925	1920
B	450	520	520	650	750	1050
Weight	21	23	27	30	40	58

Function and design

Complete mixing vessel with an injection pump and complementary equipment for mixing and filling of fluids consisting of 70% water and 30% ethylene glycol. The mixing is activated when the pump is in operation and the valve for filling is closed and the valve for mixing is open. When the mixing is completed the valve for filling is opened and the valve for mixing is closed and the fluid is pumped into the system.

The vessel is manufactured in food approved natural MD- polyethene, recyclable and resistant to corrosion and chemicals. A visible scale is attached on the outside of the vessel for easy portioning of the different fluids. The mechanical parts in the injection pump is made in stainless steel with built in thermal motor protection. Operation of the pump with a circuit breaker mounted on the pump.

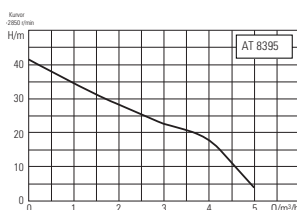
Accessories and options

The equipment can be supplemented with AT 8300PS15 refill kit for automatic refilling. A complete kit for wall mounting, consisting of solenoid valve, water meter with pulse output, reflux protection and shut-off valves.

For more information, see separate product sheet for *AT 8300PS15*.



AT 8300PS15



Technical data

Initial standard injection pump with a max operating pressure of 3.5 bar. It is a self-priming, single-stage centrifugal pump, therefore a bottom valve is not necessary.

Installation

For easy connection to the system a pipe fitting with free-running coupling nut DN25 is included, together with 1.5 meter cable and earthed connector. The vessel has soft-sealing pipe inlets for maximum protection against oxygenation of the fluid, which is perishable and that otherwise degrades rapidly, with other properties as a result. If the outlet line of the safety valve is to be led to the vessel, be sure the line is pressureless in order to maintain the capacity of the safety valve.

At the refill of the system, when the pump sucks from the vessel, be sure that the screwed lid is detached to let air enter into the vessel. To empty the vessel, close the valve for filling, unscrew the coupling to the pipe and detach the vessel. Unscrew the lid on top, tilt the tank carefully and let out the desired amount.

Maintenance and spare parts

Injection pump, valves and pressure indicator are available as spare parts.

Marking

The marking plate contains information about size, article number, year of production and manufacturer.

How to order

Example: Volume liters	AT-no	RSK-no
60	8395A60	6250826
100	8395A100	6250827
200	8395A200	6250828
300	8395A300	6250829
500	8395A500	6250830
1000	8395A1000	6250831