

| 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            |         |                        |          |

|  |   |                                  |
|--|---|----------------------------------|
| <b>Dimension range</b><br>60 - 1000 liters | <b>Temperature range</b><br>0°C to 80°C | <b>Material</b><br>MD-Polyethene |
|--|---|----------------------------------|

### 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.



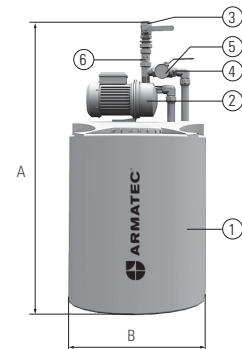
AT 8395A

### 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.

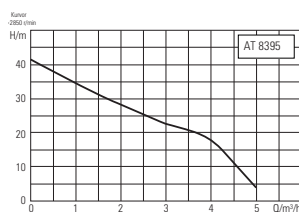
## Accessories and options

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 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

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