

MSS 6000-10000 System Buffer Tank

Vessels for Central Heating Systems



The Adveco MSS range of carbon steel primary system vessels has been carefully designed to serve as a diverse solution to all heating applications that require an inertia tank or energy storage vessel.

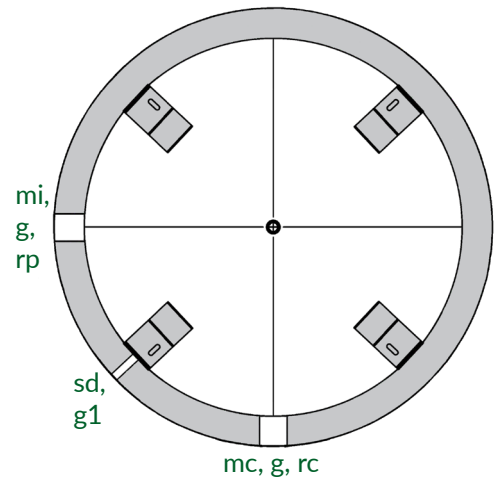
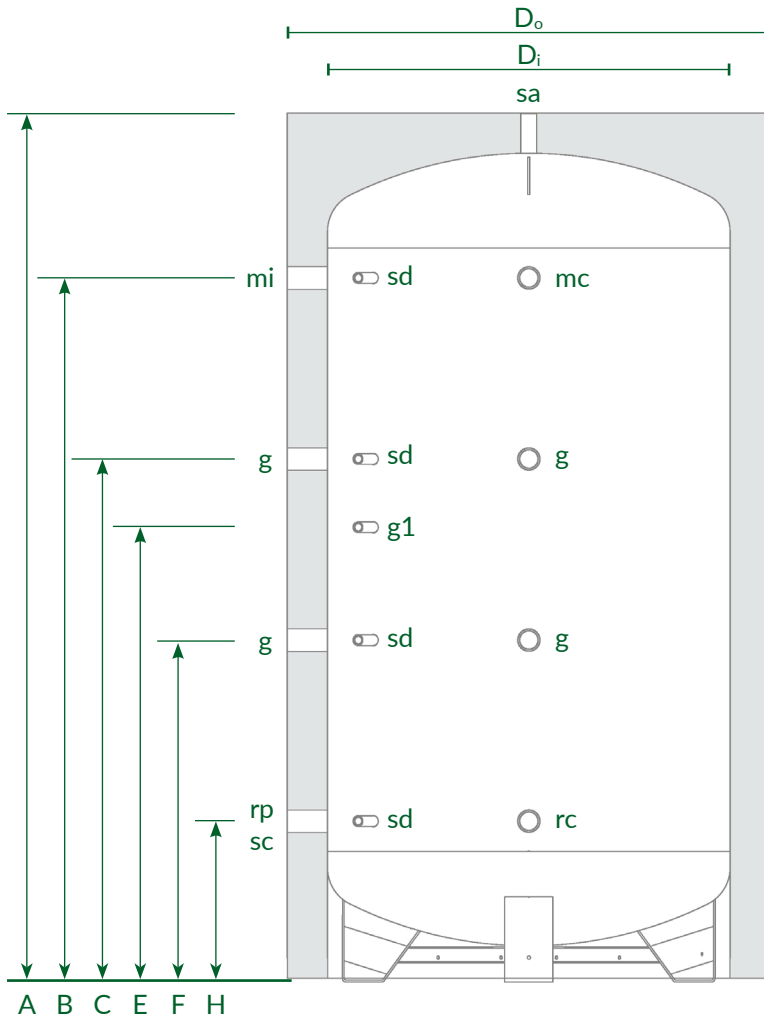
The units come as standard with high- and low-level flow and return connections at 90° to one another to allow corner installations, and have additional connections in the middle to cater for systems featuring multiple heat sources, low and high grade heat sources, or varying return temperatures. Almost any heating application can be served by the Adveco MSS range, but for those that require special features, a bespoke tank can be designed on request.

The MSS range extends to buffer vessels with capacities of 6000 to 10000 litres. The full range is suitable for use with working pressures up to 6 bar and temperatures up to 95°C

STANDARD FEATURES

- Vertical orientation
- Working pressure 6 bar, test pressure 9 bar
- 100 mm removable insulation for improved energy efficiency and ease of installation
- Ancillaries available, including:
 - Control and overheat thermostats
 - Automatic air vents and gauges





Connections:

| Port | Purpose | MSS 6000 | MSS 8000 | MSS 10000 |
|--------|-------------------------------------|----------|----------|-----------|
| mc | Flow from heat source | 3.00 | 3.00 | 3.00 |
| rc | Return to heat source | 3.00 | 3.00 | 3.00 |
| mi | Flow to system | 3.00 | 3.00 | 3.00 |
| rp, sc | Return from system and drain outlet | 3.00 | 3.00 | 3.00 |
| ri | Additional connection | 3.00 | 3.00 | 3.00 |
| sa | Automatic air vent | 1.00 | 1.00 | 1.00 |
| sd | Sensors | 0.50 | 0.50 | 0.50 |
| g | Additional connections | 3.00 | 3.00 | 3.00 |
| g1 | Additional connection | 1.25 | 1.25 | 1.25 |

Connection sizes given in inches

Dimensions:

| Model | Litres | Do | Di | A | B | C | E | F | H | Dry mass (kg) |
|-----------|--------|------|------|------|------|------|------|------|-----|---------------|
| MSS 6000 | 5854 | 2000 | 1800 | 2790 | 2195 | 1675 | 1415 | 1155 | 635 | 620 |
| MSS 8000 | 7636 | 2000 | 1800 | 3490 | 2905 | 2145 | 1615 | 1385 | 625 | 755 |
| MSS 10000 | 9544 | 2000 | 1800 | 4240 | 3655 | 2645 | 2365 | 1635 | 625 | 895 |

Dimensions given in millimetres