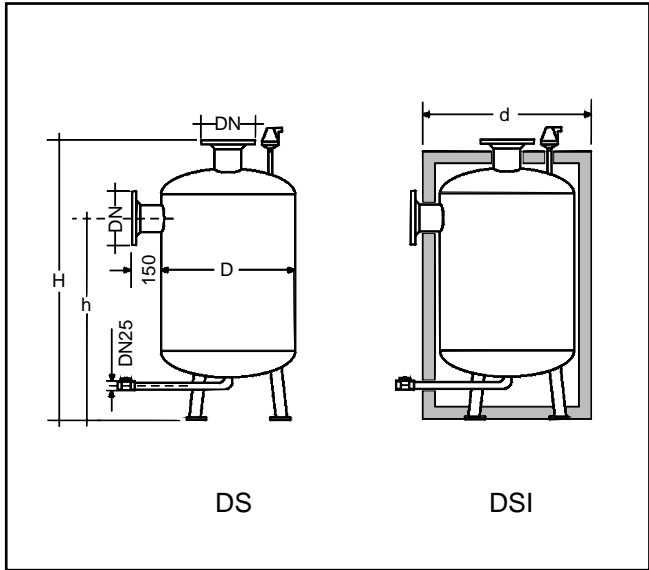


DIRT SEPARATORS (FLOOR STANDING)

Model DSF



APPLICATIONS

Floor standing dirt separators are designed to remove dirt from heating and cooling systems.

It is possible to remove dirt and solid particles that are heavier than the system water by gravitating out as the water velocity decreases whilst passing through the large reservoir.

They can be used accordingly for the following applications:-

- Low Temperature Heating (LTHW)
- Chilled Water (CHW)
- Condenser Water (Cond.W)

Nominal Size (mm)	Connection Height H / h (mm)	Diameter D / d (mm)	Vessel Volume (litres)	Max' Flow Rate (l/s)	Product Code (model-size)
65	935 / 620	450 / 610	80	3.3	DSF(I)-065-PN16
80	1030 / 675	550 / 710	110	4.4	DSF(I)-080-PN16
100	1325 / 960	550 / 710	180	8.6	DSF(I)-100-PN16
125	1790 / 1400	550 / 710	300	11.9	DSF(I)-125-PN16
150	1470 / 1030	750 / 910	400	18.3	DSF(I)-150-PN16
200	1900 / 1430	750 / 910	600	30.5	DSF(I)-200-PN16
250	2285 / 1800	750 / 910	800	53.3	DSF(I)-250-PN16
300	2020 / 1450	1000 / 1160	1000	79.1	DSF(I)-300-PN16
Larger nominal sizes are available					

SPECIFICATION

DS - Welded steel fabricated vessel with steel flanged connections to BS4504 PN16 (Top inlet and horizontal outlet). With top mounted brass automatic air vent and bottom mounted drain valve with horizontal sludge pipe.

DSI - As above but with insulation.

Critical Parts:

- Reservoir
- Inlet
- Outlet
- Sludge Pipe
- Isolating Valve
- Perforation Plate
- Automatic Air Vent

Conforms with PED* 97/23/EC. *Pressure Equipment Directive.

OPERATING PARAMETERS

Working Temperature = 120 °C.
 Working Pressure = 5 Barg.
 Cold Test Pressure = 7.5 Barg.
 (10 Barg working pressure models are available)

Insulation is available as an optional extra.

For higher flow rates, simply install a larger nominal size using reducers.