552 tundishes

aluminium

altecnic

552 tundishes aluminium

Application

The use of a tundish meets the requirements of water regulations G19.1, G19.3 and G19.4 contained in the "The Water Supply (Water Fittings) Regulations 1999" and the "Water Byelaws 2000 (Scotland)" for sealed or unvented systems.

The discharge pipe from expansion valves, temperature relief valves and combined temperature and pressure relief valves should pass through a tundish with an AUK3 air gap.

The tundish must be located within the same room, as near as possible to the relief valve, since it is important that the discharge is clearly seen to warn of a possible problem within the system..

All Altecnic tundishes provide a type AA air gap since they all provide a minimum air break of 20mm.

A device with a type AA air gap provides additional protection above a AUK3 air gap and is suitable to protect against category 5 Back Pressure and category 5 Back Siphonage.

Altecnic 552 tundishes are used on the discharge from the pressure/temperature relief valve, which is part of the solar pumping station used in solar thermal systems and on the discharge from safety valves operating at higher temperatures.

The threaded connections can be used with steel pipe which is ideally suited for use at higher temperatures.

Construction Details

Altecnic 552 tundishes are manufactured from die-cast aluminium material which has excellent corrosion resistance and temperature stability up to 160˚C.

Threaded end connections to BS EN ISO 228-1

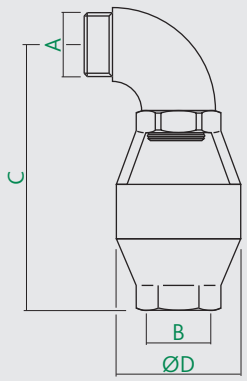
Product Code	Body Style	Inlet Connection	Outlet Connection
552140	Angle	½" male	¾" female
552150	Angle	¾" male	1" female
552160	Angle	1" male	1¼" female
552170	Angle	1¼" male	1½" female
552050	Straight	¾" female.	¾" female
552070	Straight	1¼" female	1¼" female

Installation

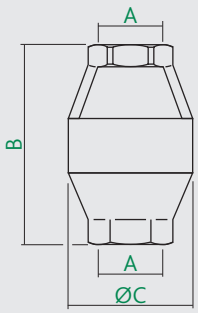
Tundishes are easy to install and should be installed in accordance with water regulation G19.3 and discharge safely into a trapped gulley or drain.

The temperature of water discharge can be in excess of 100˚C, it is therefore imperative that the final discharge point will not cause injury to people in the vacinity, when a sudden discharge occurs.

Dimensions



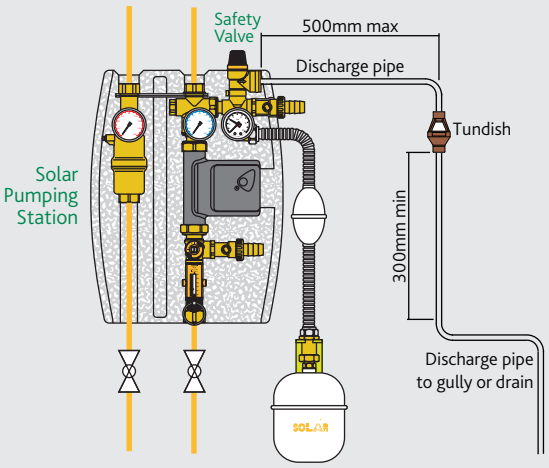
Prod Code	A	B	C	D	kg
552140	G½B	G¾	125	50	0.160
552150	G¾B	G1	125	50	0.160
552160	G1B	G1¼	180	80	
552170	G1¼B	1½	180	80	



Prod Code	A	B	C	kg
552050	G¾B	96	50	0.091
552070	G1¼B	134	80	

Typical Installation

A typical discharge pipe arrangement is shown.



E & O.E

Altecnic Ltd Mustang Drive, Stafford, Staffordshire ST16 1GW
T: +44 (0)1785 218200 E: sales@altecnic.co.uk
Registered in England No: 2095101

altecnic.co.uk

AL 175 06-03-14