

# AVAGARD

## SURGE PROTECTION - ANTI VACUUM DEVICE



FOR USE WITH **ECOFLEX™** BOOSTER SETS

**A** *reliable* **A** *efficient* **A** *quality*

# SMEDEGARD

Pumping Technology

## AVAGARD Surge Protection

Trapped air in a boosted water system may result in rapid and large pressure variations which, as well as causing excessive noise, may also create leaks and other damage in the pipe work due to water hammer. Also, in the event of water loss, for instance during maintenance or a power failure, it is vital to prevent a vacuum forming within the system. Such a vacuum will be a major contributory factor in the occurrence of water hammer and will certainly increase the severity of any resultant damage. This damage can include the catastrophic failure of pipe joints and subsequent water damage. It should also be noted that air venting will be required during the filling of the system.

Smedegaards' answer to prevent a vacuum forming and to remove air from the system is the AVVAGard, a combined anti-vacuum, vent air valve. This should be fitted at all points within a system, typically the tops of risers, where air may be trapped.

### Features

Weight:	1.7 kg
Housing:	Cast Iron
Wetted Parts:	DZR Brass
	Nylon
	EPDM
	Polypropylene
	Buna
Max Pressure:	16 Bar

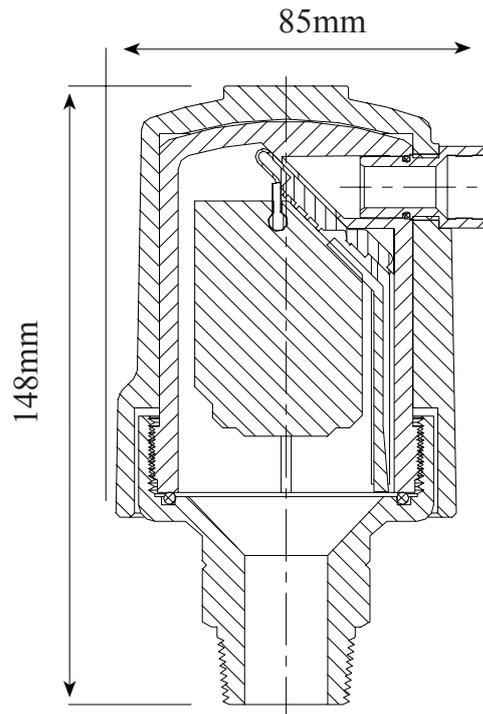
### Temperature Range

-10°C/70°C Insulation required against frost

### Connections

1" male BSP inlet  
3/8" female BSP outlet

The AVVAGard is WRAS approved.



For added piece of mind we are also able to offer the Smedegaard GaardExe Surge Protection Module. This item is only supplied ready fitted to Smedegaard ExeFlexx and FlowFlexx Booster Sets to special order. This has the great advantage of controlling the pumps on start up and also after a power failure, in such a way so as to prevent water surge and so limit the possibility of damage being caused by such an event. Please refer to Smedegaard for further details.

## Smedegaard - The First Choice for Quality Booster Sets



*It is Smedegaard's policy to continually improve and develop its product range. We reserve the right to change specifications without prior notice. Whilst every care has been taken to ensure the data is correct, no responsibility can be taken for inaccuracies or misprints.*

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