



*heating and plumbing products  
that won't cost the **earth***

**High performance  
Automatic Air Vent  
for Solar Systems**



# high performance automatic air vent for solar systems

Disclair devices are used in air conditioning systems or during the phase of filling and starting solar heating systems. They are able to discharge even large quantities of air which has formed in the circuits.

This function is performed even when there is considerable pressure thanks to the geometry of the discharge mechanism, which is identical to the one on the Discal 551 series of deaerators.

This particular series of automatic air vents has been specifically designed to work at high temperatures with a Glycol medium, which is typical of solar heating systems

body:	Brass EN 12165 CW617N, chrome plated
cover:	Brass EN 12165 CW617N, chrome plated
float:	High resistance polymer
float guide:	Brass EN 12164 CW602N
obturator stem:	Dezincification resistant alloy CR EN 12164 CW602N
float lever:	Stainless Steel
spring:	Stainless Steel
hydraulic seals:	High resistance elastomer

medium	Water, Glycol solutions
maximum percentage of Glycol	50%
temperature range	-30°C - 160°C
max working pressure:	10 bar
max. discharge pressure:	10 bar
connections	3/8" F

## Solar Ball Valve

The solar ball valve is designed specifically to be used in conjunction with the automatic air vent. It acts as an isolation device and usually, it is installed at the highest point in the system, near or next to the collector.



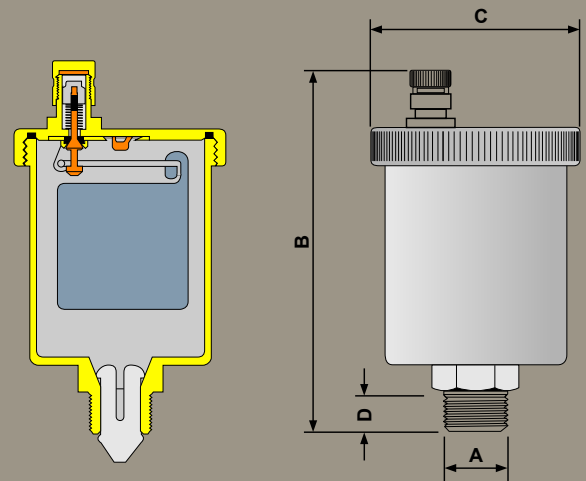
When required, the valve can be closed and the automatic air vent removed, without draining down.

max. working temperature:	200°C
min. working temperature:	-30°C
max. working pressure:	15 bar
min. working pressure:	0 bar

product description	code
29284 - 3/8" M x 3/8" F Isolation Ball Valve	250031



## high performance automatic air vent for solar systems



code	A	B	C	D	weight (Kg)
250031	3/8"	97	Ø 55	11	0.32

## Specification summary - series 250

- automatic air vent for solar heating systems
- threaded connection 3/8" M
- brass body and cover - chrome plated
- float in high resistance polymer
- seals in high resistance elastomer
- working temp. range; -30 - 150°C
- max. working pressure - 10 bar
- max. discharge pressure: 5 bar
- max. percentage of Glycol - 50%

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