

# 502 Minical

automatic air vent



**WRAS**  
APPROVED  
PRODUCT

**altecnic**

# 502 Minical automatic air vent



502030/40



502130



502050/60

## Application

The Altecnic series 502 automatic air vents are used in heating and air conditioning systems to continually remove air from the system without the need for manual adjustment.

Excessive air within a system can cause excessive noise, reduce the accuracy of control valves and the performance of heating and cooling equipment.

One of the most important functions of the Altecnic automatic air vents is to release air as the system is being filled with water and then automatically isolating, preventing water loss and wastage from the system.

## Construction Details

Component	Material	Grade
Body	Brass	BS EN 12165 CW617N
Cover	Brass	BS EN 12165 CW617N
Float	Polypropylene	
Spring	Stainless steel	
'O' rings	EPDM	
Check valve seals	PTFE	

## Technical Data

Medium:	water glycol solution
Max. percentage of glycol:	30%
Temperature range:	0 -120°C
Max working pressure:	10 bar
WRAS approved products	

Product Code	Size	Connection	Max Venting Pressure	Type
<b>Series 502 Range</b>				
502030	3/8"	male screwed	2.5 bar	
502130	3/8"	male screwed	2.5 bar	with check valve
502040	1/2"	male screwed	2.5 bar	
502050	3/4"	male screwed	2.5 bar	with hydroscopic cap
502060	1"	male screwed	2.5 bar	

## Hydroscopic Cap

All Minical automatic air vents can be supplied with a hydroscopic safety cap.

Its function is based on the properties of the cellulose fibre disc who's volume increases by 50% as soon as it becomes wet, causing the valve to close avoiding possible leakage.

## E & O.E

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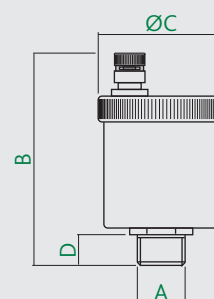
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Registered in England No: 2095101

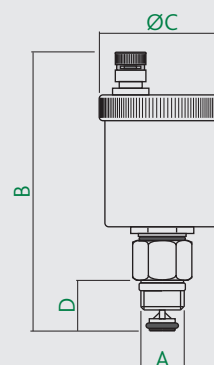
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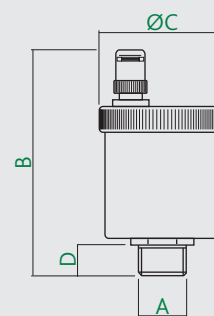
## Dimensions



Prod Code	A	B	C	D	kg
502030	G <sup>3/8</sup> "B	79	48	11	0.18
502040	G <sup>1/2</sup> "B	79	48	11	0.18



Prod Code	A	B	C	D	kg
502130	G <sup>3/8</sup> "B	96	40	19	0.21



Prod Code	A	B	C	D	kg
502050	G <sup>3/4</sup> "B	86	48	11	0.18
502060	G1B	86	48	11	0.18