

# 501 Maxcal

automatic air vent



altecnic

# 501 Maxcal automatic air vent



## Application

The Altecnic series 501 Maxcal automatic air vent is 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 Maxcal automatic air vent is to release air as the system is being filled with water and then automatically isolating, preventing water loss and wastage from the system.

The Maxcal automatic air vent has a high discharge capacity and a high maximum venting pressure making it ideal for use in large piping systems.

## Construction Details

Component	Material	Grade
Body	Brass	BS EN 12165 CW617N
Cover	Brass	BS EN 12165 CW617N
Float	Stainless steel	
Stem	Stainless steel	
Disc face	VITON	
'O' rings	EPDM	
Filter	Stainless steel	
Screws	Stainless steel	
Spring	Stainless steel	

## Technical Data

Medium:	water glycol solution
Max. percentage of glycol:	50%
Temperature range:	0 -120°C
Max working pressure:	16 bar

Product Code	Inlet Size	Discharge Size	Connections	Max Venting Pressure
Series 501 Range				
501500	¾"	⅜"	female screwed	6 bar

## E & O.E

Altecnic Ltd Mustang Drive, Stafford, Staffordshire ST16 1GW

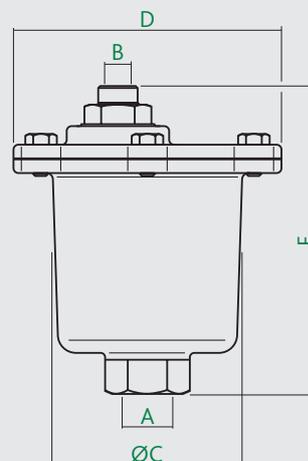
T: +44 (0)1785 218200 E: sales@altecnic.co.uk

Registered in England No: 2095101

altecnic.co.uk

AL 004 28-03-13

## Dimensions



Prod Code	A	B	C	D	E	kg
501500	G¾	G⅜	97	135	158	3.0

## Installation

The Maxcal is easy to install with just two connections to make.

The ideal place to install any automatic air vent is at the top of a riser but the Maxcal due to its large collection chamber can also be used in horizontal pipework.

To facilitate maintenance, in particular for removing and flushing the filter, a ¾" full bore isolating valve should be installed before the Maxcal.

Due to the high discharge capacity it is recommended that a vent pipe is fitted to the discharge connection to allow the air to be vented in a convenient place.