

## Tower AIREL Automatic Air Separator Specification

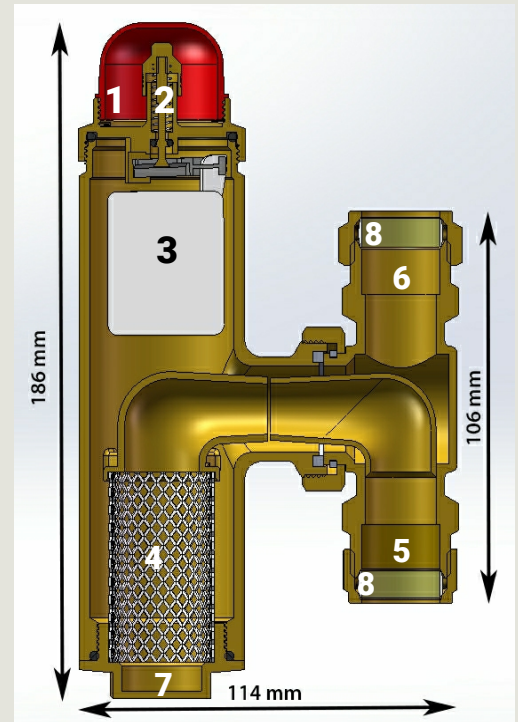
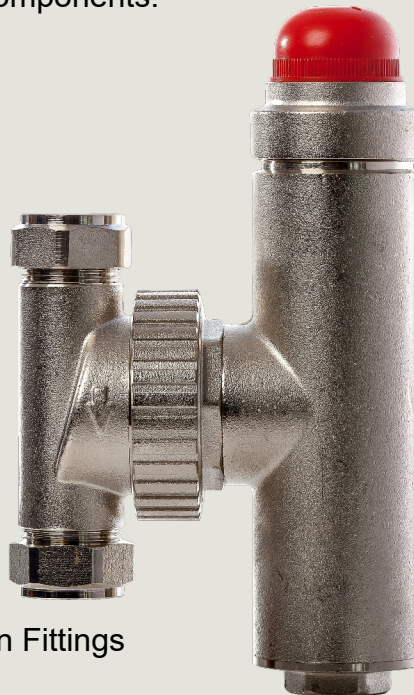
### Operating Principle:

The float mechanism separates air from water as it passes through the device. The float rises and falls with the level of water in the device, and any air that is present is forced to the top of the device, where it is expelled through an automatic air vent. The water continues on its journey through the system, free from any air pockets that could cause problems. The stainless steel filter material helps to capture any dirt or debris that may be present in the water, preventing it from causing problems downstream in the system.

Function: To remove air from central heating systems to ensure optimal performance and prevent damage to system components.

### Components:

1. Vent Cap
2. Vent Valve
3. Float
4. Stainless Steel Filter
5. Inlet
6. Outlet
7. Base Cap
8. 2 x 22mm Compression Fittings



### Benefits:

Removes air from the system automatically, ensuring optimal performance at all times. Reduces maintenance costs by preventing damage to system components caused by air and corrosion. Helps to extend the life of the heating system. Relatively low cost compared to repairing or replacing damaged components.

Product Code: AIREL  
 Product Name: Automatic Air Separator  
 Compatibility: Suitable for use in central heating systems.  
 Installation: Requires installation by a qualified heating engineer.  
 Installation Location: Near the boiler on Flow  
 Pipe Fittings: 2 x 22mm compression fittings for easy installation.  
 Dimensions: Height: 186mm x Width: 114mm  
 Material: Brass body & Stainless steel filter material  
 Warranty: 12 months warranty from date of purchase.