

AIRGON₂

A22

Compact, Light and easy to Install.

Airgon is a British designed and manufactured, vortex deaeration device, that when installed into a wet heating system will continuously remove all of the gases (Free air, dissolved oxygen and entrained gases) from the heating system water. This improves thermal transfer from the radiators by ^{1.)}15.47% on new systems and up to ^{2.)}31.0% on aged systems at 60°C and 1.25 bar pressure which are typical operating parameters in a domestic heating system.

Airgon extends system life by around (6.8) 7 years whilst significantly removing the risk of component failure and unplanned maintenance.

Airgon is scientifically tested and acknowledged to improve heating system performance by removing the thermal barrier created by dissolved oxygen and entrained gases, extending the life of the system and significantly reducing the risk of breakdown, saving typically between 15% and 30% on fuel and CO₂ emissions.

1, 2. Report findings by TÜV SÜD, NEL No: 2023_274, and No: 2023_304

The domestic Airgon can be installed into pipework ranging from 15mm to 28mm diameter and comes with JG Speed fit 22mm inline connectors, a pre-fitted non-return valve and a 3/8" Automatic Air vent..



The body of the A22 is Injection moulded fro a specialist ABS that is heatproof and waterproof to meet the requirements and safety standard of all wet domestic heating systems.

The Airgon A22 is designed and manufactured in the UK to **BS EN: ISO 9001:2015, ISO 14001 and ISO 45001.** RRP 249.00 Inc VAT and Shipping

Datasheet	Airgon A22	Airgon A54	A54/2
Material	ABS Plastic	316 Stainless steel	ABS Plastic .2 Glass bead
Dimensions	H: 226 x W: 102	H: 429 x W: 203	H: 429 x W: 203
Max dims with fittings	H: 280 x W: 102	H: 484 x W 278	H: 484 x W 278
Total Weight	215g + AAV (124g)	2.516kg	730g / 1.684kg With Male SS coupling & AAV
Max Op Temperature	110°C	300°C	130°C
Pressure Testing Test conducted with O ₂	7.5bar	18bar	10bar