



SAVE ££££  
SAVE ENERGY



# Autovents

## Why use Aladdin Autovents?

- Automatically bleed radiators and towel rails.
- Keep radiators and towel rails hot to the top.
- Improve heat output, saving energy by reducing boiler workload.
- Avoid costly engineers' visits to bleed radiators or towel rails.
- Prevent the need to access difficult areas or to remove covers.
- Extend radiator life, no air = reduced corrosion.
- Reduce radiator noise.
- Easy-to-fit with no need to drain the system.
- Offers a unique positive dual-seal back up system, preventing leaks for the life of the product.



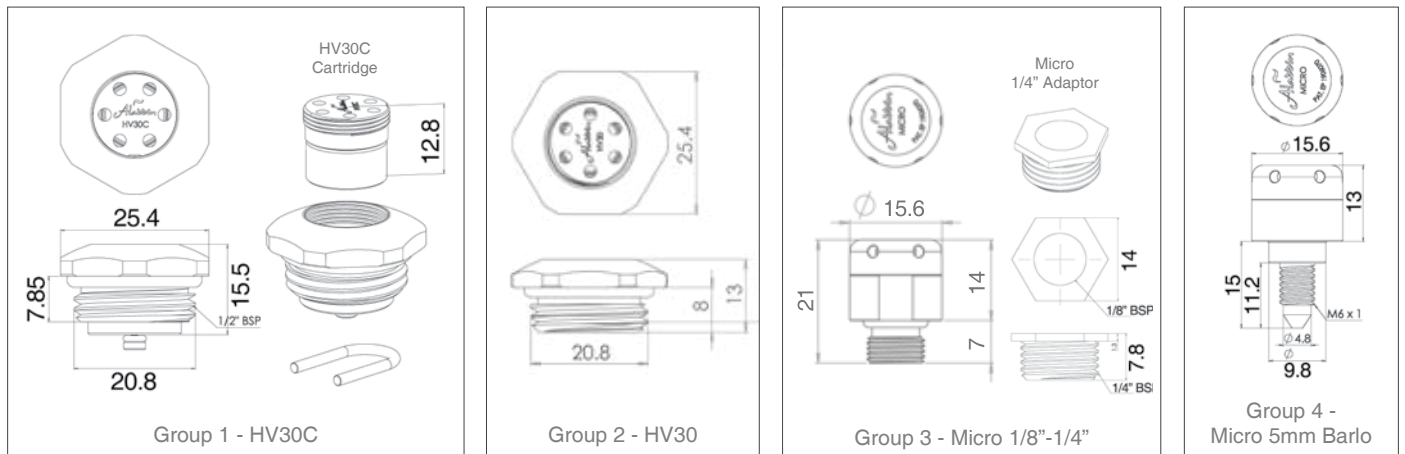
Fully automatic radiator de-aeration valves



Performance tested for  
leak free, automatic venting

Model Specification					
	Model Type	Au-tovent Groups	BSP	Dimensions	Weight
1	HV30C	1	1/2"	15.5mm(H) x 25.4mm(A/F)	40g
2	HV30C CARTRIDGE	1	1/2"	14.8mm(H) x 12.8mm(Ø)	10g
3	HV30	2	1/2"	13mm(H) x 25.4mm(A/F)	32g
4	HV30 UFH (Chrome)	2	1/2"	13mm(H) x 25.4mm(A/F)	32g
5	BLANKING PLUG (HV30C+HV30)	1 + 2	1/2"	13mm(H) x 25.4mm(A/F)	24g
6	MICRO 1/8"-1/4"	3	1/8"-1/4"	21.0mm(H) x 15.6mm(Ø) (without Bush) 25.4mm(H) x 15.6mm(Ø) (with 1/4" Bush)	20g 25g
7	MICRO Barlo 5mm / 1/16"	4	5mm (1/16")	28mm(H) x 15.6mm(Ø)	16g
8	MICRO Barlo 6MM	4	6mm	28mm(H) x 15.6mm(Ø)	16g
9	MICRO 6mm	3	6mm	20mm(H) x 15.6mm(Ø)	16g
10	MICRO 7mm	3	7mm	20mm(H) x 15.6mm(Ø)	16g

**Materials:** Chromed Brass, Hygroscopic Presspahn Washers, Polyacetal Plastic Disk, EPDM Oring seals.



	Group 1	Group 2	Group 3	Group 4
	*HV30C	*HV30 *HV30 UFH	*MICRO 6mm *MICRO 7mm *MICRO 1/8"-1/4"	*MICRO 5mm(1/16") Barlo *MICRO 6mm Barlo
<b>Radiators</b>				
Standard Panel	✓	✓	-	-
Roll Top (Barlo/Center Rad)	-	-	-	6mm Barlo
Myson 45° Angled Roll Top	-	-	7mm	-
Towel Radiators Standard	✓	✓	-	-
Towel Radiators JIS	-	-	6mm	-
Cast Iron Radiators	-	-	1/8" or 1/4" BSP	-
Cotswold Classic (Panel in Tubular)	-	-	-	5mm Barlo
Old Myson (1960-70)	-	-	-	1/16" Barlo
Bisque Radiator	-	-	1/4" BSP	-
Underfloor Heating	-	UFH	-	-

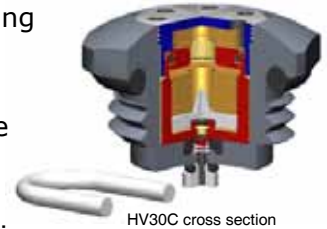
# Aladdin Autovent

## How they work

Aladdin Autovents utilise hygroscopic material manufactured from high grade cellulose (Presspahn) which form a series of washers within the valve body.

A series of washers expand in sequence when in contact with water causing the valve to close, when dried the washers contract causing the valve to open releasing gases from the radiator.

Aladdin Autovent is the **only** radiator Autovent that incorporates a unique '*positive dual-seal*' back-up system which prevents leaks and extends the working life of the valve.



HV30C cross section

Installing an Aladdin Autovent is simple and doesn't require system draining. Vent cycles vary (interval between vents) with temperature and pressure; at higher temperatures and pressures the vent cycle is faster.

Operating Temperature (deg. C) at 1 Bar Pressure Cycle								
Temperature	20	30	40	50	60	70	80	90
Standard Autovent Vent Time (hrs)	13	4.5	2.5	2	1.5	0.75	0.5	0.15

### Models:

**HV30C** (cartridge version) and **HV30** (non-cartridge version) fit 1/2" BSP tappings. Replacement cartridges are available for the HV30C model, the HV30 complete valve is replaced after 5 years.

**Underfloor Heating Autovent (UFH)** chrome version for underfloor heating manifolds.

**Micro** versions are available to fit 1/8" - 1/4", 6mm, 5mm and Barlo radiators.

### Q&A:

#### Does the Autovent work on Closed and Open systems?

Yes. On a closed system there will be a small pressure drop as the dissolved air separates from the water around it; but any further drop would be due to loss of system water/leaks.

#### Can they work on negative pressure systems?

Yes. The valve has a one-way valve fitted and will work on negative pressure systems.

#### Can corrosion inhibitors or leak-stop products be used with the valves?

Corrosion inhibitors can, and we do recommend their use as corrosion leads to further gas collecting in radiators. Fitting Autovents should reduce the need for inhibitors due to the reduction of air in the system. However, leak-stop products may jam the valves, and we don't recommend their use.

#### Don't all automatic de-aeration valves leak?

Aladdin Autovents do not leak and are guaranteed leak-free for life. They contain a safety cap which closes when water gets to the internal mechanism of the valve – this will operate at the end of the valve's life of 5 years.

#### What size valve do I need for my radiator?

Most radiators are 1/2" BSP – the threaded hole on the radiator measures 20mm diameter. For smaller tappings (Groups 3 & 4) remove the bleed screw and measure. See chart opposite for sizing. Note that 1/8" BSP measures 9.7mm and 1/4" measures 13.1mm diameter.

# Aladdin Autovents

Keeping radiators hot to the top, saving time, energy and money



Aladdin Autovent Product Code:		Packaged Dimensions and Weight:
HV30C-1-PACK	Autovent 1/2" BSP 1 Pack	115mm(H), 80mm(W), 30mm(D), 41g
HV30C-2-PACK	Autovent 1/2" BSP 2 Pack	115mm(H), 80mm(W), 30mm(D), 81g
HV30C+BP-1-PACK	Autovent 1/2" BSP + Blanking Plug	115mm(H), 80mm(W), 30mm(D), 67g
HV30C-CART-1	Autovent 1/2" BSP Cartridge	115mm(H), 80mm(W), 30mm(D), 16g
HV30-1-PACK	Autovent 1/2" BSP 1 Pack	115mm(H), 80mm(W), 15mm(D), 36g
HV30-2-PACK	Autovent 1/2" BSP 2 Pack	115mm(H), 80mm(W), 15mm(D), 66g
HV30+BP-1-PACK	Autovent 1/2" BSP + Blanking Plug	115mm(H), 80mm(W), 15mm(D), 58g
HV30-UFH-1	Autovent 1/2" BSP Under-floor Heating	115mm(H), 80mm(W), 15mm(D), 36g
MICRO-1/8-1/4	Autovent Micro 1/8-1/4" BSP	115mm(H), 80mm(W), 15mm(D), 28g
MICRO-Barlo-5mm	Autovent Micro 5mm(1/16") BSP Barlo	115mm(H), 80mm(W), 15mm(D), 20g
MICRO-Barlo	Autovent Micro 6mm BSP Barlo	115mm(H), 80mm(W), 15mm(D), 23g
MICRO-6mm	Autovent Micro 6mm BSP	115mm(H), 80mm(W), 15mm(D), 20g
MICRO-7mm	Autovent Micro 7mm BSP	115mm(H), 80mm(W), 15mm(D), 24g

**Aladdin Autovent Approvals:** BSRIA

**Packaging Materials:**

Poly-bag (30% recycled material and are 100% recyclable)  
Single Fold Card Insert (recyclable), Full Colour.

## Don't just take our word for it!

"They were easy to fit and they have been very effective. I haven't needed to bleed a radiator since. All rads are noticeably warmer right to the top."

"Everyone who wants to save money have a warm quiet heating system should try this brilliant product can't recommend enough."

"Worked great did as it said a great device."

"They're great. I used to bleed radiators regularly, no longer have to. I have now fitted them in all of my properties."

"I always fit one of these valves in every radiator that I fit. Saves a lot of hassle and haven't let me down at all."

Customer Reviews



For more information visit:  
[www.aladdin-products.co.uk](http://www.aladdin-products.co.uk)

