Automatic quick air vents PrimoVent

Air in the system is a frequent cause of malfunctions of heating, cooling and solar systems. The cause of "air in the system" should be able to removed. However, there are no systems that are always 100 % tight. The AFRISO PrimoVent product family continuously and automatically removes air from heating and solar systems, thus helping to avoid corrosion caused by air and inclusion of air in systems. AFRISO quick air vents are available as brass, plastic or hybrid versions and are always subjected to a 100 % function test prior to shipment.

Universal application for water and water-glycol mixtures (max. 50 % glycol)

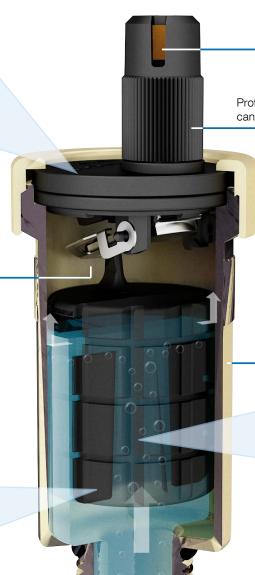


Cover with patented nozzle geometry: The slot-shaped vent opening provides for a high venting capacity

Multifunctional lever for dependable opening and closing of the valve – directly connected to the float so that disconnection is not possible



Patented float geometry for minimum capillary effect – avoids the formation of an air cushion to suppress undefined "jumps" of the float



Depending on the version: Brass or plastic connection, $G^{3}/_{8}$ or $G^{1}/_{2}$ with O ring seal

Integrated aqua stop for reliable operation without water leakage. The protective cap does not need to be removed even during initial filling or maintenance.

Protective cap for vent, cannot be lost

Slim design for low heat loss – ideal for installations where space is limited



Two-way venting principle: Separated air escapes via the central hole in the float in a defined way without taking along water



Mounting valves for quick air vents ensure easy, fast installation. Dismounting is possible at any time without draining the system.





G3/8

R1/2

Quick air vent PrimoVent



Quick air vent 12 bar

Application For automatic venting of sealed heating systems as per EN 12828. Suitable for up to 12 bar/110 °C for water and water/glycol mixtures with up to 50 % glycol.

Description Automatic quick air vent with mounting valve and agua stop. The vent cap does not have to be removed during operation of the quick air vent, not even for initial filling or servicing. Its high, narrow design is perfect in terms of appearance and function. Self-sealing connection thread.

specifications G3/8 or G1/2

Technical Connection

Operating temperature range

Max. 110 °C

Nominal pressure

Max. 12 bar

Housing

Brass

Cover

Glass-fibre reinforced plastic

Union ring

Brass



Angled quick air vent 12 bar

For automatic venting of radiators. Suitable for up to 12 bar/110 °C for water and water/glycol mixtures with up to 50 % glycol.

Automatic quick air vent with aqua stop. The vent cap does not have to be removed during operation of the quick air vent, not even for initial filling or servicing.

Connection

R½ as per DIN 3858

Operating temperature range

Max. 110 °C

Nominal pressure

Max. 12 bar

Housing

Brass, nickel-plated

Cover

Glass-fibre reinforced plastic

Union ring

Brass, nickel-plated

Mounting valves as accessories for quick air vents: G3/8

R3/8

DG: G, PG: 2	Mounting valve		Ty	Part no.	Price €				
Quick air vent G3//8	R3//s	1	25	77700					
Quick air vent G3//8	R½	1	25	77706					
Quick air vent G3/8	Without	1	25	77710					
Quick air vent G½	Without	1	25	77752					
Angled quick air vent R½, with aqua stop	Without	1	10	77753					
Accessories									
Mounting valve R ³ / ₈ x G ³ / ₈		-	25	77720					
Mounting valve R½ x G³/8		-	25	77723					



R1/2

Quick air vent PrimoVent





Plastic quick air vent

Application For automatic venting of sealed heating systems as per EN 12828. Suitable for water and water/glycol mixtures with up to 50 % glycol.

Description Automatic quick air vent made of high-grade glass-fibre reinforced plastic (with aqua stop). The vent cap does not have to be removed during operation of the quick air vent, not even for initial filling or servicing. Its high, narrow design is perfect in terms of appearance and function. Sealing by means of O ring. Mounting valves available as accessories.

specifications

Technical Connection

G3% or G1/2 with O ring

Operating temperature range

Depending on nominal pressure Max. 95/120 °C See operating instructions

Nominal pressure

At 95 °C: Max. 8 bar At 120 °C: Max. 3.5 bar

Housing

Glass-fibre reinforced plastic

Latching ring

Glass-fibre reinforced plastic

Quick air vent Hybrid

For automatic venting of sealed heating systems as per EN 12828. Suitable for water and water/glycol mixtures with up to 50 % glycol.

Automatic quick air vent made of high-grade glass-fibre reinforced plastic (with aqua stop). Its high, narrow design is perfect in terms of appearance and function. Sealing by means of O ring. Mounting valves available as accessories.

Connection

Safety equipment

G3/k, brass with O ring

Operating temperature range

Depending on nominal pressure Max. 95/120 °C See operating instructions

Nominal pressure

At 95 °C: Max. 8 bar At 120 °C: Max. 3.5 bar

Housing

Glass-fibre reinforced plastic

Latching ring

Glass-fibre reinforced plastic



DG: G	Mounting valve	PG		II.	Part no.	Price €		
Plastic quick air vent G3/8	Without	1	1	25	77766			
Plastic quick air vent G½	Without	1	1	25	77761			
Quick air vent Hybrid G3//8	Without	1	1	25	77729			
Quick air vent Hybrid G3//8	R³/s	1	1	25	77730			
Accessories								
Mounting valve R³/₅ x G³/₅		2	_	25	77720			
Mounting valve R½ x G³/ ₈		2	-	25	77723			