

HYVENT

FLOAT AIR VENTILATOR



Permanent and automatic venting and aerating.

DESCRIPTION

The valve automatically vents and provides air from and to hydraulic systems such as heating, cooling, air conditioning and sanitary equipment on a continual basis. The combination of an air separator with the aerating and venting greatly increases the efficiency of the venting operation. The automatic self-sealing check valve prevents water from escaping from the mains should the vent valve need to be replaced.

INSTALLATION POSITION

Vertically upwards.

OPERATION

The ventilation valve is closed by means of a float. If air collects in the cup, the float sinks and releases the ventilation valve.

The accumulated air escapes until the (inflowing) water pushes the floater down again and the valve closes.

The water once more presses the float against the ventilation valve, and closes the latter. In combination with an upstream TacoVent AirScoop, this guarantees efficient separation of the air-water mixture, and the system is rapidly and automatically vented.

ADVANTAGES

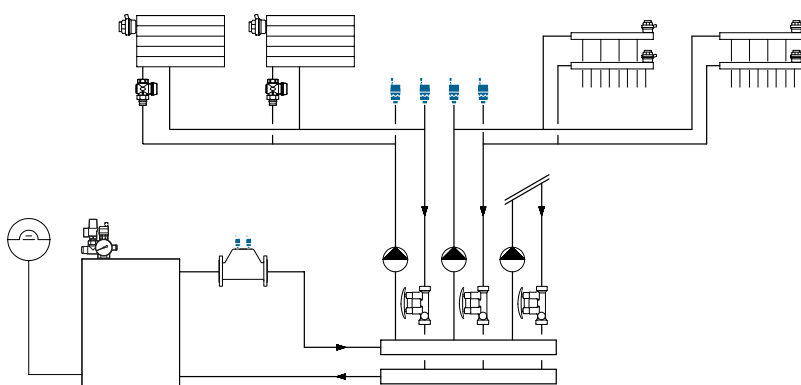
- Automatic air venting of systems during filling or normal operation
- Automatic aerating at draining
- Trouble-free replacement of the float vent valve under full system pressure thanks to a check valve
- Time saving installation of the float vent valve with the automatic check valve

BUILDING CATEGORIES

For pipe installations in heating area:

- Apartment blocks, housing estates, multiple dwelling units
- Residential care facilities, hospitals
- Administration and service buildings
- Hotels and restaurants, industrial kitchens
- School buildings and sports facilities
- Commercial and industrial buildings

SYSTEM/BASIC DIAGRAM



HYVENT | FLOAT AIR VENTILATOR

- Operating temperature to max: 115 °C
- Operating pressure PO max : 10 bar
- Exterior threads:
G 3/8" and G 1/2" as per ISO 228

Material

- Internal parts: Plastic, stainless steel
- Housing: Brass
- Seals: EPDM, NBR, silicone

Fluids

- Heating water
(VDI 2035; SWKI BT 102-01; ÖNORM H 5195–1)

TYPE OVERVIEW HyVent | Float air ventilator DN10

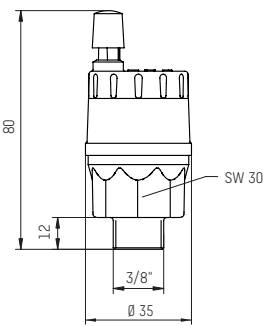
Order no.	G ¹	Automatic check valve
242.5072.001	3/8"	–
242.5072.002	3/8"	3/8"
242.5072.021	3/8"	1/2"

Automatic check valve DN10

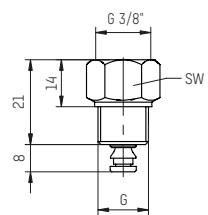
Order no.	G ¹ × G ²	To be used with
220.5235.000	3/8" × 3/8"	242.5072.001, 242.5072.002
220.5236.000	3/8" × 1/2"	242.5072.001, 242.5072.021

DIMENSIONAL DRAWING

Float air ventilator DN10



Automatic check valve DN10



MEASUREMENT TABLE

Check valve DN10

Order no.	G	SW
220.5235.000	3/8"	19
220.5236.000	1/2"	21

