

## Connection assembly for expansion vessel GAK - Brass



### Benefits

- Carrier made of solid cast brass
- Time-saving installation with pre-assembled, tightness-tested assembly
- Sturdy fastening console for mounting with screws and dowels
- Safety valve that can be rotated for protection against overpressure
- Quick air vent PrimoVent with two-way venting principle for automatic venting
- Reliable venting due to top-mounted connection for quick air vent
- Vent chamber for collecting and separating the air and the water in the heating system
- Integrated mounting valve for fast and easy mounting and dismounting of the quick air vent
- Pressure gauge for heating installations for direct indication of the system pressure
- Anti-tamper cap valve that can be sealed for connection of MAG and for easy shut-off and draining, e.g., for replacement of MAG
- Service-friendly: Pressure gauge, air vent and expansion vessel can be replaced without draining
- For diaphragm expansion vessels up to 50 l in heating systems with a capacity of up to 50 kW



### Application

For connection of diaphragm expansion vessels up to 50 l for sealed heating systems as per EN 12828 up to a capacity of 50 kW.

### Versions

	Part no.
Connection assembly for expansion vessel GAK-MS with insulation	77932

Blue part no. = in-stock items

### Description

Pre-assembled combination fitting consisting of:

Carrier made of solid cast brass with integrated anti-tamper cap valve for connection of the diaphragm expansion vessel

Safety valve with type approval

Pressure gauge for heating installations with red reference pointer, mounted via self-sealing mounting valve

Quick air vent (12 bar), mounted via self-sealing mounting valve

Two form-fit insulation shells



## Technical specifications

### Connections

Boiler: G $\frac{1}{4}$  female  
Expansion vessel: G $\frac{1}{4}$  female

### Operating temperature range

Medium: Max. 120 °C

### Dimensions (with insulation)

W x H x D: 360 x 185 x 100 mm

### Insulation

Polypropylene EPP

### Carrier

Material: Brass  
Protrusion: 300 mm

### Diaphragm safety valve MS

Inlet x outlet: G $\frac{1}{2}$  x G $\frac{1}{4}$   
Seal: Teflon ring, rotatable  
Response pressure: 3 bar  
Heat capacity: 50 kW

### Pressure gauges for heating installations

Bourdon tube pressure gauge with self-sealing mounting valve  
Range: 0/4 bar  
Window: With red reference pointer  
Diameter: 63 mm  
Connection: G $\frac{1}{2}$  bottom

### Quick air vent with aqua stop

Input: G $\frac{1}{2}$   
Nominal pressure: 12 bar

### Scope of delivery

- Connection assembly for expansion vessels GAK
- 2 insulation shells
- Mounting accessories: Screws, washers, dowels, seal, seal, screw connection G $\frac{1}{4}$  female x G $\frac{1}{4}$  union nut for connection of the expansion vessel

## Detail views

