



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL VF06. You'll find the answers to all your questions on the HONEYWELL VF06 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

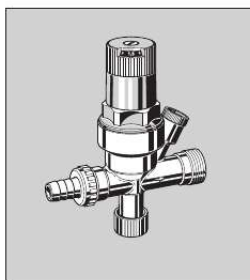
User manual HONEYWELL VF06
User guide HONEYWELL VF06
Operating instructions HONEYWELL VF06
Instructions for use HONEYWELL VF06
Instruction manual HONEYWELL VF06

Honeywell

VF 06

Filling valve
for closed heating systems

Product specification sheet



Application

The VF 06 filling valve permit simple and safe filling or refilling of a closed heating system.

A pressure reducing valve, a check valve and a shutoff facility are combined in one unit. The pressure gauge connection enables fitting of a pressure gauge (available as an accessory) to provide accurate checking of the pressure of a system after filling.

Special Features

- Housing with internal and external threads
- One turn of the adjuster knob and the valves is set
- Setting directly readable on the adjuster knob
- Complete replaceable high grade synthetic material insert
- DIN/DVGW approved check valve
- Balanced-seat pressure reducing valve - inlet pressure fluctuations do not influence outlet pressure
- Integral shutoff facility
- Alternative connections

Range of Application

Closed heating systems to DIN 4751

Technical Data

Operating temperature Maximum 70 °C
Inlet pressure Maximum 16.0 bar
Outlet pressure 0.5 bar to 3.0 bar adjustable
Set during manufacture to 1.5 bar
Connections:
Inlet R 1/2" internal and
R 1/2" external threads
Outlet R 1/2" internal and
R 1/2" external threads

Construction

The filling valve comprises:

- Housing
- Spring bonnet with setting scale
- Spring
- Pressure reducing valve
- Non return valve cartridge
- Shutoff insert with knurled knob

Materials

- Brass housing
- High grade, heat resistant synthetic material spring bonnet
- Springsteel spring
- High grade, heat resistant synthetic material non return valve cartridge
- Fibre-reinforced NBR diaphragm
- NBR seals

Subject to change 03/99

217



[You're reading an excerpt. Click here to read official HONEYWELL VF06 user guide](http://yourpdfguides.com/dref/2940871)
<http://yourpdfguides.com/dref/2940871>

Manual abstract:

The pressure gauge connection enables fitting of a pressure gauge (available as an accessory) to provide accurate checking of the pressure of a system after filling. Special Features q q q q q q q q Housing with internal and external threads One turn of the adjuster knob and the valve is set Setting directly readable on the adjuster knob Complette replaceable high grade synthetic material insert DIN/DVGW approved check valve Balanced-seat pressure reducing valve - inlet pressure fluctuations do not influence outlet pressure Integral shutoff facility Alternative connections Construction The filling valve comprises: q q q q q q q q Housing Spring bonnet with setting scale Spring Pressure reducing valve Non return valve cartridge Shutoff insert with knurled knob Range of Application Closed heating systems to DIN 4751 Technical Data Operating temperature Maximum 70 °C Inlet pressure Maximum 16.0 bar Outlet pressure 0.5 bar to 3.0 bar adjustable Set during manufacture to 1.5 bar Connections Inlet R 1/2" internal and R 3/4" external threads Outlet R 1/2" internal and R 3/4" external threads Materials q q q q q q q q Brass housing High grade, heat resistant synthetic material spring bonnet Springsteel spring High grade, heat resistant synthetic material non return valve cartridge Fibre-reinforced NBR diaphragm NBR seals Subject to change 03/99 217 VF 06 Filling Valve Method of Operation The integral pressure reducing valve operates by means of a force equalising system. The force of a diaphragm operates against the force of an adjustment spring. @@@@Honeywell AG Subject to change 03/99 VF 06 Filling Valve Installation Example (Heating system) 2 1 0 1 0 bar 3 r ba 4 2 3 4 10 2 16 4 6 8 bar 15 0 10 1 0 ba r 2 3 4 0 1 ba r 2 3 4 0 1 ba r Installation Guidelines q Set adjuster scale to system filling pressure required q Disconnect hose connection from filling valve after filling q Check system pressure after every filling or refilling q Ensure good accessibility r Simplifies maintenance and inspection Subject to change 4 3 2 Typical Applications The VF 06 filling valve permit simple and safe filling or refilling of a closed heating system. Filling valves can be installed: q Onto a heating circuit distributor manifold q In combination with a water supply distributor manifold q On a heating boiler via a fill hose q In the supply to a heating boiler q Directly onto a heating boiler q As a filling set for trouble-free and safe initial filling of a system 03/99 Braukmann Water Control . Honeywell AG 219 VF 06 Filling Valve Service Parts for VF 06 filling valves 1998 and after Description x x Spring bonnet complete y Valve insert complete z Check valve { Blanking plug with 'O'ring (Pack of 5) 0903445 D 06 FA- 1/2 2166200 S 06 K -1/4 Part Number y { z Subject to change 03/99 Braukmann Water Control . Honeywell AG P.O. .



[You're reading an excerpt. Click here to read official HONEYWELL VF06 user guide](http://yourpdfguides.com/dref/2940871)
<http://yourpdfguides.com/dref/2940871>