



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for HONEYWELL SG160S. You'll find the answers to all your questions on the HONEYWELL SG160S in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

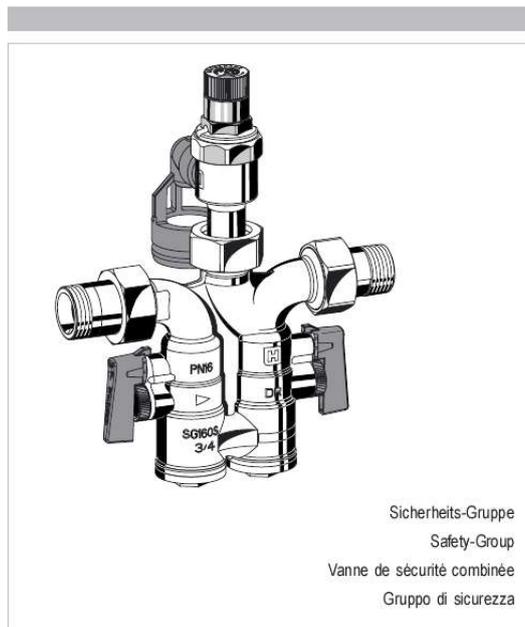
**User manual HONEYWELL SG160S**  
**User guide HONEYWELL SG160S**  
**Operating instructions HONEYWELL SG160S**  
**Instructions for use HONEYWELL SG160S**  
**Instruction manual HONEYWELL SG160S**

**Honeywell**

**Braukmann**

**SG160S/SG160SD**

Einbau-Anleitung • Installation Instruction • Instructions de montage  
Istruzioni per il montaggio



Sicherheits-Gruppe  
Safety-Group  
Vanne de sécurité combinée  
Gruppo di sicurezza



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**Manual abstract:**

Immediately rectify and malfunctions which may influence safety. 4. The appliance is exclusively for use in applications detailed in these installations instructions. Any other use will not comply with requirements. 5. All assembly operations should be carried out by competent and authorized personnel.

@@@Flow first passes through the non return valve and this flow holds the valve disc in the open position against the force of a spring. The safety valve downstream of the non return valve is directacting whereby the disc is pushed up by the pressure from the system against a spring which is holding the valve closed. The shutoff valves enable the non return valve to be checked and serviced. SG160SD SG160SD safety groups combine pressure reducing valve, non return valve, shutoff valves, test point and diaphragm type safety valves in one appliance.

Flow first passes through the pressure reducing valve which operates on a force equalising system whereby the force of a diaphragm operates against the force of an adjustment spring. The inlet pressure has no influence on either opening or closing of the valve and therefore inlet pressure fluctuations have no influence on the outlet pressure. The non return valve has a movable valve disc which pushes against a spring when flow occurs. The safety valve downstream of the check valve is direct-acting whereby the disc is pushed up by the pressure from the system against a spring which is holding the valve closed. The shutoff valves enable the non return valve to be checked and serviced.

GB Tested to TRD 721 for pressure range 1 - 10 bar Medium Water Operating Maximum 20% below pressure safety valve set pressure Installation position Horizontal and vertical Set pressure Set by manufacturer at 6, 8 or 10 bar The preset opening pressure is embossed into the security cap Special settings between 1. Subsequent alteration of the setting is not permitted and is impossible without destroying the security cap! operating temperature Max.

@@Housing with test socket on both sides 2. @@ distance from water heater approx. @@ do not shut off! @@@@The blow-off pipe must be installed with a downward gradient! @@@@The safety valve must be installed above the water heater! @@ dIN 1988 Part 2 must be complied with! @@ 3. @@@ open hot water tap. Does the pressure remain constant? expansion water from water heater. Does the pressure increase? @@@@Pressure reducer insert D06FA soiled or worn Water escaping from spring bonnet Diaphragm in valve insert defect 1 4 According to DIN 1988, Part 8, the following actions should be carried out regularly. If not watertight, close shut-off valve on outlet side. Release venting device Shut-off valve closes Collected water drains away completely. Set outlet pressure Turn adjustment knob until the setting scale agrees with the desired value. If the outlet pressure is to be set to a lower value, the outlet side must be depressurised so that the desired outlet pressure can be set. Readjustment is only possible using a pressure gauge. Align the scale value 4 with the mark in the middle of the window. 5 Inspection of the pressure reducer This should be carried out once a year by the operator or a service company.

Check the set outlet pressure under zero flow conditions by means of the pressure gauge. The pressure must not increase. If the pressure does not remain stable with a slow increase, then continue as described under Maintenance. 6 Cleaning the pressure reducer If necessary, the strainer bowl and the strainer insert can be cleaned by the operator or by the installation company. Do not use any solvent-containing cleaners to clean the plastic parts.

@@@@@Relieve tension on pressure spring Turn adjusting knob to the left (-). Press diaphragm inwards with finger before inserting sliding ring. Ensure that the local regulations concerning the correct waste recycling or disposal are observed! .



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