



# DIFFERENTIAL PRESSURE CONTROL VALVE

 SUPERIOR IN PRICE & QUALITY



**INTRODUCTION**

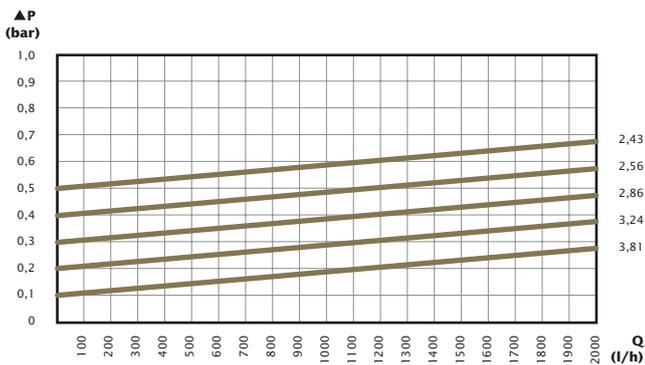
BONFIX B.V. supplies a range of differential pressure control valves under the BONFIX brand name.

**USAGE AND OPERATION**

A differential pressure control valve equalizes pressure differences in a central heating system. Pressure differences can arise from an instantaneous temperature increase, for example, by clogging thermostatically controlled taps, or under the influence of a floor heating system. The central heating system then pumps less water in the system, causing a pressure difference (also called pressure differential). A differential pressure control valve, placed between the supply system and return system, reduces the pressure difference and ensures any interference occurring in the central heating system is reduced or eliminated.



A sudden pressure increase activates the differential pressure control valve, to prevent an excessive drop in the water circulation in the central heating system. The differential pressure control valve also prevents annoying noise and ensures a sufficient flow rate, which prevents the central heating system boiler pump from overloading.



Technical data	
<b>Maximum operating temperature:</b>	+100 °C
<b>Maximum operating pressure:</b>	4 bar
<b>Pressure overflow capacity:</b>	0,1 to 0,5 bar
<b>Connecting pressure:</b>	0,2 bar
<b>Flow direction:</b>	As indicated on the differential pressure control valve.

Use appropriate tools for installation and prevent damage.

**WARRANTY AND LIABILITY**

Warranty and liability apply as per our general terms and conditions.  
 Damage caused by stress corrosion is not covered under product liability.

Using excessive force when tightening a nut may cause breakage or leakage.