

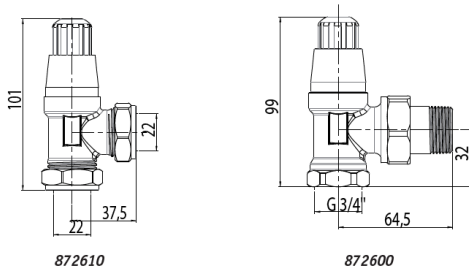
mechanical
pressure
regulator
872600 Comap



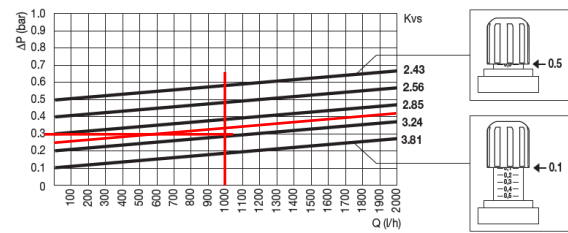
Date: 29/05/2018

TECHNISCHE NOTA : Differentiële Drukregelaar

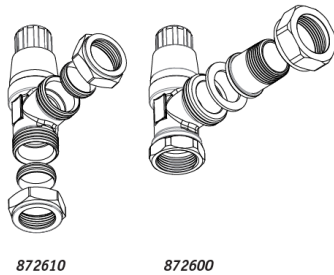
Size



Setting and flow

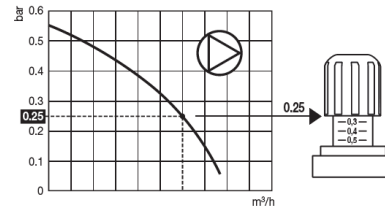


Connections



Example

For example an installation whose pump has the following features: a boiler with insignificant pressure losses and a delta P at nominal flow equal to 0,25bar.



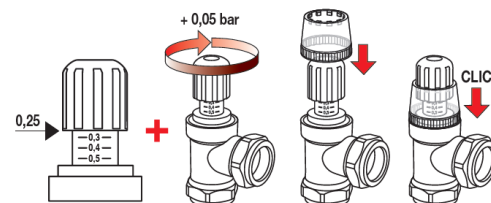
Features

- > Maximum working pressure: 10 bar
- > Maximum differential pressure: 0,6 bar
- > Setting range: 0,1 - 0,5 bar
- > Flow: 50 to 2000 l/h
- > Maximum Flow temperature: 120 °C
- > Minimum flow temperature: -10 °C

- > Body: Hot stamped brass with nickel plated finish
- > Valve: Poly-oxyde of phenglene (PPO)
- > Spring: Stainless steel
- > Handwheel: White ABS

We want to maintain a 1000 m³/h flow, the available pressure to the pump is 0,25 bar (see above chart). Regulation products, here trvs, are progressively closing down.

The automatic bypass valve must be set to :
0,25 bar + 1/4 turn (0,05 bar) = 0,3 bar.



The transparent ring must push in. The setting is locked and it's reading still possible. The transparent ring needs to be pulled off before any new setting.