

TA-PILOT-R



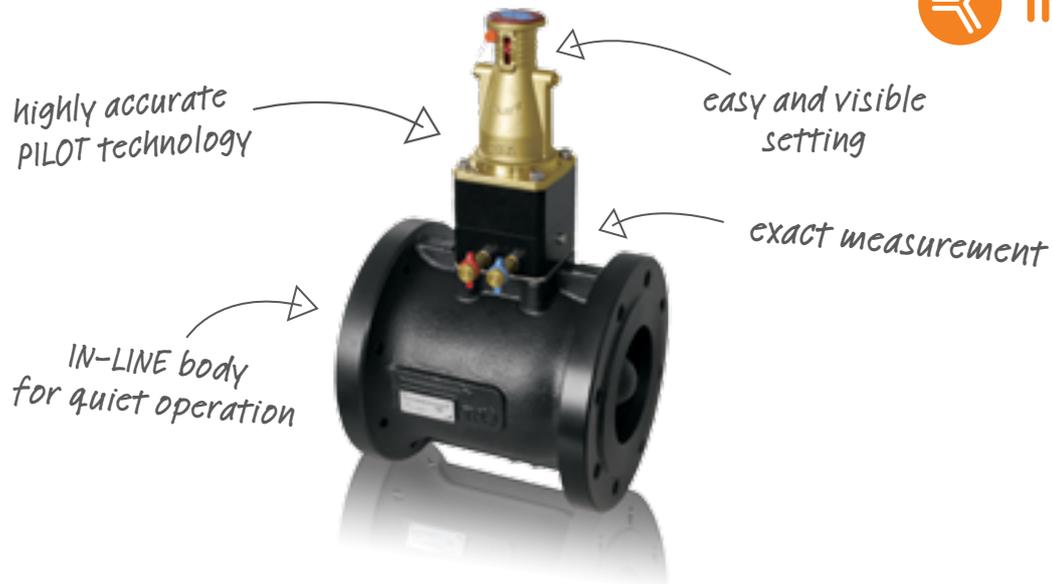
Little giant

In the **smallest body** the **greatest abilities**

- > The PILOT technology delivers up to 40% better accuracy
- > Weight reduction of 80% simplifies handling
- > Height decreased by 50% for easy mounting
- > Two times faster and cheaper installation
- > Lower investment thanks to high Kvs values
- > Exact and visible setting with measuring



Engineering
GREAT Solutions



The **TA-PILOT-R** is a high-performance in-line controller designed to keep a stable differential pressure. With unrivaled accuracy, TA-PILOT-R assists in delivering precise and stable conditions to provide superior control valve authority for modulating control. Additionally, it can limit noise and simplify the balancing procedure. TA-PILOT-R is designed for use in return pipes.

We developed and patented in-line technology in 1994. Thanks to our 30 years of experience with differential pressure controllers, we've managed to combine PILOT and in-line technology, which provides highly accurate differential pressure control under all working conditions.

High Kvs values and quiet operation are characteristic features of the TA-PILOT-R.

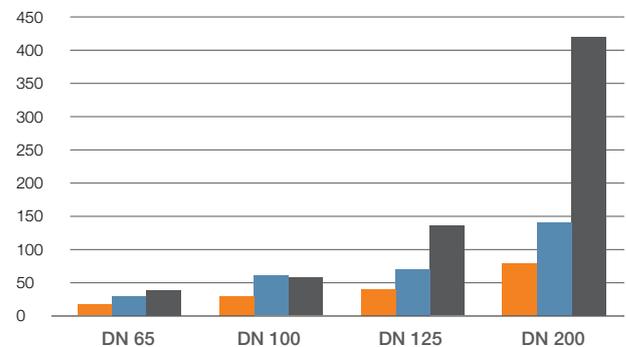
Measurement helps to check true system parameters and adjust the correct setting. Valves for 150°C fitted with special double-sealed measuring points.

The well-visible seating with indicator is resistant to tampering.



TA-PILOT-R is currently the world's smallest and lightest controller. Weight was reduced by 80% in comparison to standard design. The valve is 2 times smaller. You don't need any special lifting devices and it can be installed anywhere. The installation is 2 times faster and cheaper.

Weight comparison with competitive products



Weight comparison [kg]

TYPE	DN 65	DN 100	DN 125	DN 200
TA-PILOT-R	18	32	42	83
Competitor A	29	60	70	140
Competitor B	38	57	135	420

Main features

- > Very small weight, height and overall dimensions
- > Highly stable and accurate Dp control
- > Well visible setting indicator
- > Setting protection
- > Quiet operation
- > High Kvs values
- > Measuring capabilities
- > High longevity, maintenance free

Technical data:

Dimensions: DN 65 - 200
Pressure class: PN16,25, ANSI 150
Temperatures: -20 / 120 or 150 °C
Leakage rate: Tight sealing
Setting range:



Find out more

www.imi-hydronic.com/ta-PILOT/

Animation

