

PRESSURE REDUCING VALVE STATION RP45TW

DESCRIPTION

The ADCA RP45TW series pressure reducing station consists of two standard RP45 valves installed in parallel. This system is particularly recommended for installations where a single valve cannot reach the maximum required flow rate or when the consumption variation is significant, being prudent to install two smaller valves instead of a single one in order to avoid oversizing.

This system is also recommended when it is vital that the steam supply is not interrupted.

OPERATION

Each valve operates individually, according to the description on the RP45 datasheet. This assembly also allows that one of the valves is regulated to a slightly different pressure than the other, avoiding oversizing problems when the consumption variation is significant. In this case, one of the valves remains closed, opening only when the consumption increase justifies it.

MAIN FEATURES

The main characteristic of this assembly is the use of an S252/F humidity separator (see IS 9.315 E) which, besides the separator function, also includes a strainer and has the particularity of having one inlet and two outlets. Compact design.

OPTIONS: Different valve combinations, fittings and designs.

USE: Steam, compressed air and other gases and liquids compatible with the construction.

SIZES: S252/F separator – DN 15 to DN 300.
 Pressure regulator – DN 15 to DN 100.

CONNECTIONS: Flanged EN PN 16 or PN 40.
 Flanged ASME Class 150 or Class 300.

INSTALLATION: Horizontal installation (see ADCR.05.4805).
 Special designs on request.

