

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.

The system is also used where it is vital that the steam supply is not interrupted.

OPERATION

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

MAIN FEATURES

The main characteristic of this assembly is the use of a humidity separator type S252/F (see IS 9.315 E 03.11), which beyond the separator function also includes a strainer and 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 – DN15 to DN300 Pressure regulator – DN15 to DN100
CONNECTIONS:	EN flanges PN16 to PN40 ANSI 150 and 300 lbs
INSTALLATION:	Horizontal installation (see ADCR.05.4805) Special designs on request

