

Hydrocore™ Pressure Reducing Station



A DUAL LEG OPERATION

The dual leg Pressure Reducing Station (PRS) is a complete pressure reducing station that has a full operating leg backed by a full standby leg. each leg consists of:

Two hand-wheel operated valves (**ISV**) to isolate a leg for maintenance. Find out more about the Hydrocore™ isolating valve [here](#).

A strainer (**STR**) to prevent entrance of solids to the safety and control valves. Find out more about the Hydrocore™ strainer [here](#).

A pressure reducing/control valve (**PRV**) to maintain the required downstream pressure. Find out more about the Hydrocore™ pressure reducing valve [here](#).

A pressure relief valve (**RLV**) is installed on the PRS outlet to prevent the rising of the downstream pressure above a specified safe level. Find out more about the Hydrocore™ pressure relief valve [here](#).

OPTIONAL

A safety shutdown valve (**SSV**) may be added to each leg to shut off on high downstream pressure excess flow or any other safety conditions. The safety shutdown valve can be utilized for remote stop or start of the PRS.

