

# PRDS & DESUPERHEATER



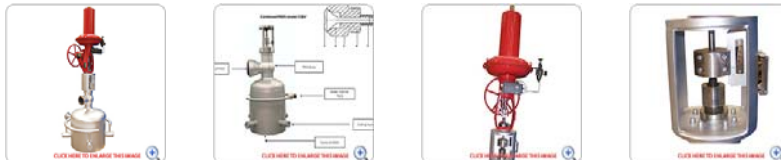
## PRDS can be of two types:

- **Combined PRDS:** Both PRV and DeSuperheater in a compact single unit
- **Split PRDS:** separate PRV (Pressure Reducing valve) and DeSuperheater

### A. CSBV

#### Features

- Angle Design
- Variable orifice nozzle is specially designed to avoid flashing inside the nozzle
- Advanced seat design for tight shut off
- Pressure class up to ANSI 2500#
- Body material available in F 11 / F22
- Inlet size up to 20" & outlet size up to 32"
- Valve body designed for minimum thermal stress.
- Etc.



### B. CSSG

#### Features

- Single Seated Globe Valve
- Multistage Pressure reduction with low noise plug and outlet diffuser / silencer
- For low pressure (up to ANSI 600#), turbine bypass, Auxiliary steam PRDS)
- Bonnet is bolted to body
- Variable orifice nozzle is specially designed to avoid flashing inside the nozzle.
- Advanced seat design for tight shut off
- High rangeability



...more information  
in E-Profile