



Consolidated Safety Relief Valve Type 1900



Type 1900 Safety Relief Valve

The highly adaptable type 1900 safety relief valve meets numerous application requirements.

Inlet Sizes:	1" through 12"
Inlet Ratings:	ANSI Class 150 through 2500
Outlet Sizes:	2" through 16"
Outlet Ratings:	ANSI Class 150 and 300
Orifice Sizes:	D through W
Set Pressure Range:	4 psig to 6250 psig
Temperature Range:	-450°F to 1500°F
Materials:	Cast carbon steel body with stainless steel trim
Certification:	ASME Section III and VIII, PED and SQL

Options for Type 1900 Safety Relief Valve

1900-30

The type 1900-30 valve includes the addition of a balanced bellows that is necessary to compensate for the effects of variable back pressure. By isolating the upper structure and allowing the use of less expensive materials, the bellows is also a cost-effective solution in applications where the valve is exposed to highly viscous or corrosive fluids.

1900-DA

The type 1900-DA valve contains an additional O-ring seat seal. This soft seat is the primary seal and it allows the valve to remain leak free at 95 percent of set pressure over 100 psig (6.89 barg). A backup metal seat provides additional safety for fire-relief applications when O-rings can be destroyed by high temperature exposure.

The type 1900-DA O-ring seat is available for set pressures up to 6250 psig (430.92 barg). Some soft seats offered by other manufacturers are limited to 1500 psig.