



I Application

The overflow valve is a valve used to perform pressure bypasses for safety purposes in order to protect lines, pumps, accessories, pools, etc.
 The overflow valve has a health-safe design and it is designed to prevent risks and possible failures caused by pressure surges in the plant.
 With a sanitary design and fully manufactured in stainless steel, the 74700 valve is the most suitable option for protection of facilities in the dairies, food, beverages, pharmaceutical and fine chemicals industries.

I Operating principle

Under normal operating conditions, the valve remains closed.
 The valve is calibrated to a specific pressure by regulating the spring with the pressure nut. The calibrated pressure is a maximum safety pressure defined to avoid damage of the plant.
 When the pressure in the circuit exceeds the calibrated pressure, the valve opens letting the flow pass and reducing the pressure of the pipe system.
 The valve can incorporate a handle designed to partially open the valve. When the handle is kept in the open position during the CIP process, the cleaning products can pass through the valve.

I Design and features

The valve is normally closed.
 Easy to adjust manually.
 Sanitary design according to 3A standard
 Joints according to FDA.177.2600
 Standard connections: DIN 11851
 Available in diameters: DN-25 to DN-80

I Materials

Parts in contact with media	AISI 316L
Other parts in stainless steel	AISI 304L
Joints	EPDM (FDA)
Inside surface finishing	(Ra): $\leq 0.8 \mu\text{m}$
Outside surface finishing	bright polishing



