



## Company profile



# Products

Valsteam Adca provides one of the widest ranges of equipments for industrial fluid systems. Having started with the manufacturing of steam traps and **Adcamat** pumps, it includes today items such as **Adcatherm** heat exchangers, **Adcatrol** control valves, **Adcamix** steam to water mixers, pressure reducing valves, several ancillary equipment and recently equipments to be applied in pharma, food, chemical and cosmetic industries – **Adcapure** line.

These equipment parts are divided into six main groups:

- Steam traps
- Pressure reducing valves
- Control valves
- Pipeline Ancillaries
- Special Equipment
- AdcaPure

**ADCA***Mat*

**ADCA***Mix*

**ADCA***Therm*

*Uni***ADCA**

**ADCA***Trol*

**ADCA***Pure*



# Steam Traps



FLT50/65



FLT17/LC



FLT14I



TH32Y



IB12



IB30SS



DT42S



TSS22



TH21



BM32



BM80



# Steam Traps

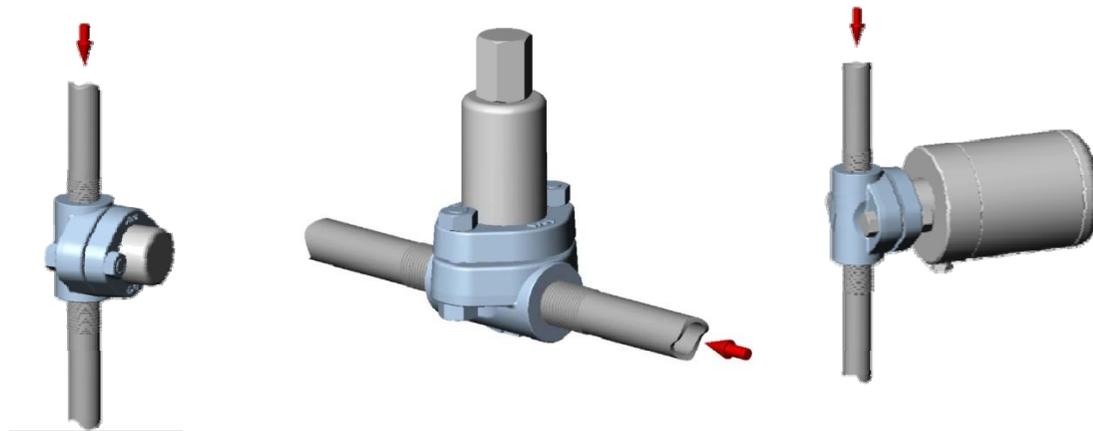
Valsteam Adca provides a complete range of steam traps using different materials, sizes and pressures ranges.

In general steam traps are often neglected in a steam installation. This is possible due to, in most cases, if failing “open” and, although leading to extra costs, the process is not interrupted.

An efficient steam trap defines the frontier between steam and condensate liquid and allows, if selected wisely, the proper functioning of the installation and better energy management.

The Uniadca system allows steam traps quick maintenance by keeping a connector settle in the pipes and replacing only the regulation element.

UniAdca





# Steam Traps

Characteristics	Materials			Dimensions	Pressure range	Maximum flow capacity
	Cast iron	Carbon steel	SS	DN	PN	Kgs/h
Thermostatic steam traps		X	X	DN15 to DN50	PN16 to PN40	4770
Bimetallic steam traps		X	X	DN15 to DN50	PN16 to PN160	1150
Float and thermostatic steam traps	X	X	X	DN15 to DN150	PN16 to PN40	100 000
Inverted bucket steam traps	X	X	X	DN15 to DN50	PN16 to PN40	1100
Thermodynamic steam traps			X		PN40 to PN63	2720



# Pressure Reducing valves



P15



PRV300SS



P20



P7



PRV47 (PRV47I)



RP45 (RP45I)



PRV30SS



PRV31SS



PRV25/2SS



PRW25I



PRV25/2S



RP4DI



# Pressure Reducing Valves

Valsteam Adca provides you a wide range of options, varying from the simplest direct action valve to the more sophisticated pilot operated valve, in different types of construction. In our warehouse, we have the necessary material to quickly manufacture a soft or hard seating. Our flexibility allows us to manufacture numerous tailor-made items.

Characteristics	Materials			Dimensions	Pressure range	Fluids
	Cast iron	Carbon steel	SS	DN	PN	-
Direct acting pressure reducing valves	X	X	X	DN15 to DN100	PN16 to PN40	Steam, compressed air, water or other compatible
Pilot operated pressure reducing valves		X	X	DN15 to DN100	PN16 to PN40	Steam, compressed air, water or other compatible



# Control Valves

## ADCA*Trol*



PV 253G



PV 25I



PPV 25I



PV 25G



EV 16G



PAV 21



PWV40I



PPV 16



# Control Valves

## ADCA Trol

Characteristics	Materials			Dimensions	Pressure range	Options	Fluids
	Cast iron	Carbon steel	SS	DN	PN	-	-
Pneumatic or electric control valves EN flanges /ANSI flanges	X	X	X	DN15 to DN200	PN16 to PN40	Reduced bore, Micro flow, perforated plugs, silencers, other construction materials, positioners, etc	Steam, compressed air, water, or other compatible
Pneumatic ON/OFF control valves			X	DN15 to DN50	PN16	Limit switches	Steam, compressed air, water, or other compatible
Self acting temperature control valves	X	X	X	DN15 to DN50	PN16	Direct acting or reverse acting	Steam and water



# Control Valves

## ADCA Trol

Adcatrol valves can be offered with electric or pneumatic actuators including positioners, transmitters, limit switches, amongst many other options.

Thank to the technology we possess we can also develop valves for special applications involving the use of different materials and designs.

Included in this range there are also the intermittent boiler blowdown valves and TDS (Total Dissolved Solids) blowdown valves which can be supplied with several drive and controller options, etc.





# Control Valves

## ADCA*Trol*

Adcatrol valves offer a wide range of solutions for controlling temperature, level, pressure and humidity.

The range involves:

- Linear globe control valves, that can be supplied with pneumatic or electric actuator;
- Globe control valves constructed from barstock for special applications;
- Pneumatic angle interception valves
- Intermittent and TDS (Total Dissolved Solids) Blowdown control valves
- Self operated temperature regulators



# Pipeline Ancillaries

In order to guarantee the efficiency of a distribution system and fluid control, several accessories are required.

Valsteam Adca produces strainers, sight glasses, vacuum breakers, drip traps for compressed air systems, air eliminators and several other ancillaries which are vital to the functioning of your installation.



SW12



RD40



FA17



SCK



VB21



AE16SS



IS16



RT25



DW40S



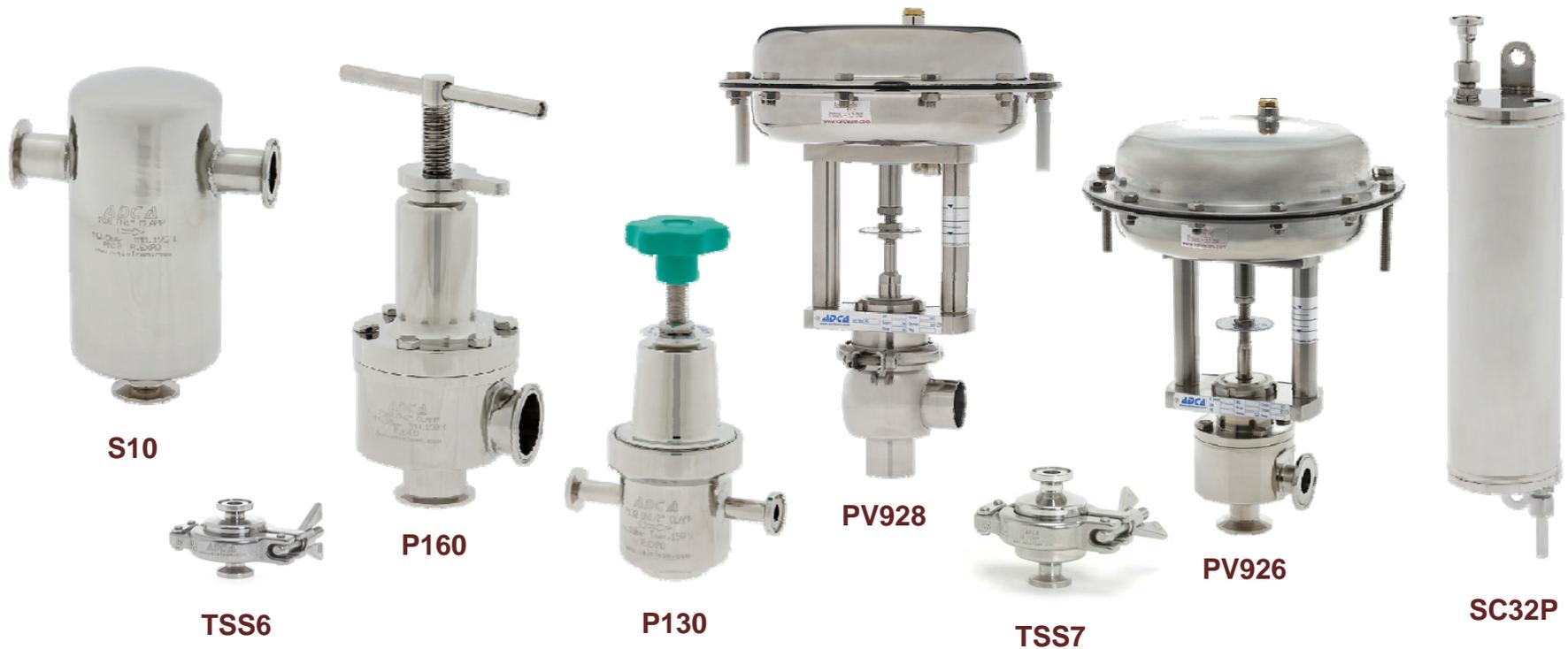
CDV32



# ADCA Pure

Range of products for clean steam and industrial gases and fluids, designed for pharma, food, chemical and cosmetic industry.

All equipments comply with the relevant standards, and can be supplied with the respective certificates of conformity.





# Special Equipment



ADG

S25/S



SC32F



DSH tubes



SI140



EH



BEX



RV



# Special Equipment

This group of items consists of different equipment, and in most cases, specially developed to process industries.

## Highlights:

- **Adcamat** pumps
- Humidity separators
- Sample coolers
- Direct steam injectors
- **Adcamix** steam to water mixers
- Flash vessels and blowdown vessels
- Direct steam injection humidifiers
- **Adcatherm** heat exchangers
- Exhaust heads
- Deaerators

**ADCa**Mat



**ADCa**Therm



**ADCa**Mix

