



EcoReg®

The pressure regulator ensures a constant and precise outlet pressure independent from the inlet pressure. The pressure value has been factory preset and cannot be changed. This ensures that no one can manipulate the specified pressure value.

The choice of high quality materials allows the EcoReg® to be used in various applications across different industries. Be it in water dispensers, in different irrigation systems or in respiratory oxygen machines. The EcoReg® with its preset pressure will prevent unwanted pressure manipulation and protect the machines or help reduce wastage of water.

Your advantages

- ✓ NSF certified
- ✓ Factory preset pressure
- ✓ Reduces consumption
- ✓ Reliability
- ✓ Service free - no adjustments needed
- ✓ Competitively priced
- ✓ Tamper proof
- ✓ Lightweight – compact, inline construction
- ✓ Easy to mount in any water supply systems
- ✓ Extension with sprinkler equipment



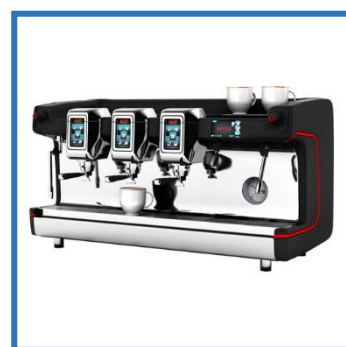
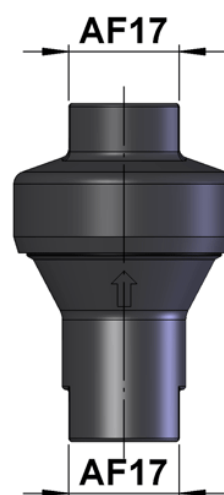
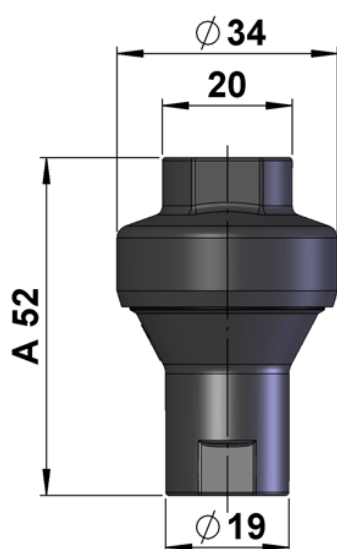
Technical data

Max. inlet pressure:	10 bar / 145 psi
Outlet pressure (preset):	2...8 bar / 30...120psi
Flow (Water):	7 l/min / 0.25 scfm
Connection:	1/4" BSP (female/female) 1/4" NPT (female/female)
Temperature range:	4°C to 60°C / 39°F to 140°F
Weight:	ca. 40g / 0.11 oz

Applications

Water dispensers	Vending machines
Coffee machines	Steamers
Cooking ovens	Irrigation systems
Fridges & ice makers	Sprinklers
Plumbing	Misting
Respiratory equipment	

Special Versions: Oxygen, Nitrogen and further upon request



In-line pre-set regulator for drinking water and other fluids



Made of the certified material Grivory® GV-5 FWA which is ideal for application areas such as drinking water, food industry, medical industry, etc. Conforms to the DIN 50930-6 / FDA/EU drinking water directives and other regulations.

The use of lead-free materials is growing in importance in particular as an alternative material for drinking water applications, where health standards are high. As an alternative material to conventional brass or lead-free brass TRI-MATIC offers the EcoReg® pre-set fluid regulator made of the synthetic material Grivory®.

Drinking water is considered the most vital element for life next to air / oxygen. Since there is no alternative to this finite resource, protecting and securing the standard and quality of drinking water is a top priority for engineers, planners and Technicians as well as system operators.

The EU drinking water directive plays an important role here. Its 2013 amendment does lower the lead Concentration limit from the current level of 25 microgram per litre of drinking water to 10 microgram.

Free of toxic additives, Grivory® is conform to the requirements specified in DIN 50930-6. This makes it particularly suitable for critical applications.

These are good reasons to choose EcoReg® fluid regulators that meet health and safety requirements and in areas that are constantly subject to corrosion risk.



In-line pre-set regulator for drinking water and other fluids



Product Benefits:

- Factory pressure presetting
- Reduces consumption
- Reliability
- Service free - no adjustment needed
- Competitively priced
- Tamper proof
- Lightweight – compact construction
- Easy to mount in any water supply system
- Extension by sprinkler equipment
- In compliance with FDA



The pre-set EcoReg® fluid regulator is an independent diaphragm pressure regulator that can be installed in all fluid systems. The pressure regulator ensures a constant and precise output pressure independent from the input pressure. The pressure value has been factory preset and cannot be changed. This ensures that no one can manipulate the specified pressure value.

It is generally known that the pressure of fluid lines is usually too high, fluctuates or varies according to building height. In such cases, the In-Line EcoReg® fluid regulator protects all downstream installations, devices and components, because only the proper pressure is admitted. This is particularly important for all machines and plants dosing fluids because costly stops in production can be avoided.

If the EcoReg® fluid regulator is also combined with a sprinkler nozzle, optimal conditions are created for cooling and cleaning applications with sprayed water or sprayed mists.