

Don't let your regulators leave you out in the cold



FISHER™ Arctic construction Fisher™ regulators for reliable pressure control

Engineered for the most extreme low temperature environments

Process plants are now being built in more remote locations with extremely low ambient temperatures. Arctic construction regulators are specially engineered to meet the requirements of these plants and other industrial sites operating in such challenging environments. These products were rigorously tested between -60 and 85°C* and are equipped with special elastomer materials to help maximize your operational uptime and reduce the risks caused by metal diaphragms.

Many regulators offered today for cold temperature applications have stainless-steel diaphragms due to standard elastomers becoming brittle at low temperatures. However, metal diaphragms have a much shorter cycle life which increases the risk of gas leakage and operational downtime in the event of a diaphragm rupture. Arctic Construction Fisher Regulators mitigate this risk across several key applications.

The Arctic Construction portfolio includes proven regulator technologies that provide reliable pressure control in air, gas and liquid systems.

*-45°C is the lower limit for Type ACE95

*82°C is the upper limit for the T205, T208, 1190, 1290 and ACE95



Type MR95

Type T208

Type 1098



Fisher™ Arctic Construction Regulators

Multipurpose

Accurately control essential plant utility processes, including heater pilot gas and distribution of plant air or nitrogen.



Type MR95 Pressure Reducing

Sizes: 1/4 to 2 in.
Temperature range: -60 to 40°C



Type MR98 Backpressure Control

Sizes: 1/2 to 1 in.
Temperature range: -60 to 40°C

Fuel Gas

Efficiently reduce gas pressure at fuel gas headers and on burner control lines with a fast-acting pilot operated regulator.



Type 1098-EGR

Sizes: 1 and 2 in. connection,
with size 40 actuator
Temperature range: -60 to 85°C

Liquid Applications

Ensure distribution of oil and liquids to critical plant components with reliable pressure and backpressure control regulators.



Type MR105 Pressure Reducing and Type MR108 Backpressure Control

Sizes: 2 and 3 in. connection,
with high pressure actuator
Temperature range: -60 to 85°C

Tank Blanketing and Vapor Recovery

Protect product integrity and prevent tank overpressure or under-pressure events with accurate padding and de-padding nitrogen or other inert gas with self-operated or pilot regulators.



Type T205 Tank Blanketing and Type T208 Vapor Recovery

Sizes: 3/4 and 1 in.
Temperature range: -60 to 82°C



1190 Tank Blanketing and 1290 Vapor Recovery

Sizes: 1 and 2 in.
Temperature range: -60 to 82°C



Type ACE95 Tank Blanketing

Sizes: 1 in.
Temperature range: -45 to 82°C



Type 63EG-98HM

Sizes: 2 in.
Temperature range: -60 to 85°C

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