

Types MR95 and MR98

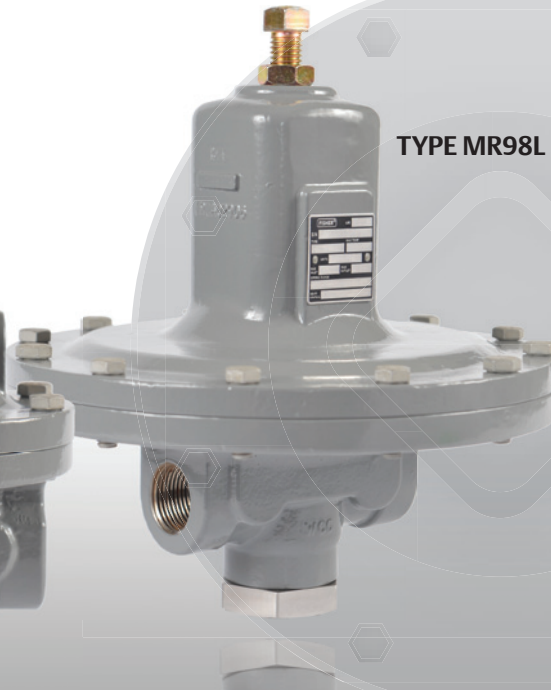
MULTI-PURPOSE INDUSTRIAL REGULATORS

NEW

TYPE MR95H



TYPE MR98L



Types MR95 and MR98

The Types MR95 and MR98 regulators are compact, large capacity, direct-operated pressure regulators. The units are available in 1/4 NPT through 2-inch / DN 50 sizes and are offered in several different end connection configurations. They are designed to handle pressures up to 1000 psig / 68.9 bar and temperatures up to 650°F / 343°C. These products can help solve the toughest pressure control applications. Typical applications include superheated steam, steam injection, steam tracing, nitrogen purging, boiler feed water, process chemicals, cooling water, test fixtures, wash tanks, sterilizers/autoclaves, fuel lines, pneumatic supply, and many others.

Enhancements over Types 95 and 98:

- New CF3M, LCC, Monel®, and Hasteloy® body material options provide improved corrosion, chemical, and temperature resistance.

- The addition of Ethylenepropylene (EPDM), Perfluoroelastomer (FFKM), and Stellite® trim options increase chemical, temperature, and application flexibility.
- Increased inlet pressure rating (1000 psig / 68.9 bar) and regulating capacities align with increasingly demanding applications in the market.
- Inlet and outlet pressure gauge options ensure proper installation, startup, and function while expanding troubleshooting ability.
- External control line option allows for pressure control at the point of use.
- Re-engineered bottom plug and diaphragm sealing surface improves product reliability.

Monel® is a mark owned by Special Metals Corporation.
Hasteloy® C is a mark owned by Haynes International, Inc.
Stellite® is a mark owned by Deloro Stellite Holdings Corporation.



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Pressure Reducing



Model.....Type MR95
 Body Size.....NPS 1/4, 1/2, 3/4, 1, 1-1/2, and 2
 Outlet Pressure Range..... 2 to 400 psig
/ 0.14 to 27.6 bar
 Maximum Inlet Pressure.....1000 psig / 68.9 bar
 Operation Method.....Direct-Operated
 Body Material.....Cast Iron, Steel,
Stainless Steel, Hastelloy® C, and Monel®
 Bulletin No.71.1:MR95



Model.....Type MR105
 Body Size.....NPS 1, 2, 3, and 4
 Outlet Pressure Range.....5 to 300 psig
/ 0.34 to 20.7 bar⁽²⁾
 Maximum Inlet Pressure.....400 psig / 27.6 bar
 Operation Method.....Direct-Operated
 Body Material.....Cast Iron, Steel,
and Stainless Steel
 Bulletin No.71.1:MR105



Model.....Type 1098-EGR
 Body Size..... NPS 1, 2, 3, 4, 6, 8 x 6, and 12 x 6
 Outlet Pressure Range.....14-inches w.c. to
300 psig / 35 mbar to 20.7 bar
 Maximum Inlet Pressure.....400 psig / 27.6 bar
 Operation Method.....Pilot-Operated
 Body Material.....Cast Iron, Steel,
and Stainless Steel
 Bulletin No.71.1:1098-EGR

Backpressure



Model.....Type MR98
 Body Size.....NPS 1/4, 1/2, 3/4, 1, 1-1/2, and 2
 Relief Pressure Range.....2 to 375 psig
/ 0.14 to 25.9 bar
 Maximum Inlet Pressure.....400 psig / 27.6 bar
 Operation Method.....Direct-Operated
 Body Material.....Cast Iron, Steel,
Stainless Steel, Hastelloy® C, and Monel®
 Bulletin No.71.4:MR98



Model.....Type MR108
 Body Size.....NPS 1, 2, 3, and 4
 Control Pressure Range.....5 to 300 psig
/ 0.34 to 20.7 bar⁽²⁾
 Maximum Inlet Pressure.....400 psig
/ 27.6 bar⁽¹⁾
 Operation Method.....Direct-Operated
 Body Material.....Cast Iron, Steel,
and Stainless Steel
 Bulletin No.71.4:MR108



Model.....Type 63EG-98HM
 Body Size.....NPS 2, 3, 4, 6, and 8 x 6
 Relief Pressure Range.....15 to 375 psig
/ 1.0 to 25.9 bar
 Maximum Inlet Pressure.....450 psig / 31.0 bar
 Operation Method.....Pilot-Operated
 Body Material.....Steel, Stainless Steel,
Hastelloy® C, Monel®, and Alloy 20
 Bulletin No.71.4:63EG-98HM

1. For high-pressure actuator constructions with Fluorocarbon (FKM) diaphragm, maximum outlet and emergency casing pressures are limited to 230 psig / 15.8 bar or the body rating limit, whichever is lower.
 2. For high-pressure actuator constructions with Fluorocarbon (FKM) diaphragm, maximum set pressure is limited to 150 psig / 10.3 bar.

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The distinctive diamond shape cast into every spring case uniquely identifies the regulator as part of the Fisher® brand and assures you of the highest-quality engineering, durability, performance, and support.

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