

149_M SERIE

1492MF

1495MB
APPLICATION

- These very high capacity medium pressure regulators are mainly used in canalized gas distribution for domestic gas supply or in industrial gas installations.
- They are used in Natural Gas, LPG – Liquefied Petroleum Gas (Butane-Propane or their mixture) or SNG-Synthetic Natural Gas.They can also be used with other non-aggressive gases (air,nitrogen,...).
- They can be equipped with a safety against overpressure (OPSO) and against underpressure (UPSO).
- Working temperature : -20°C ...+60°C (-4F...+140F)

FEATURES

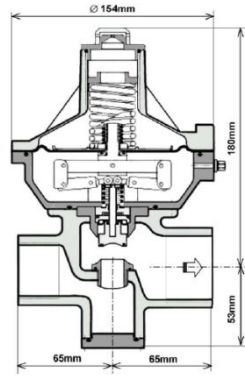
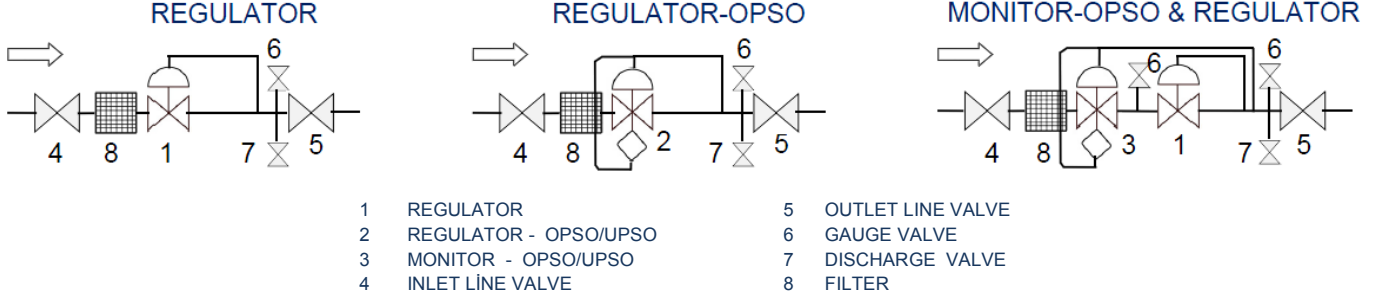
- **Compact and robust design**
Types of materials,wall thicknesses and surface protection assure the best robustness.The diaphragm assembly is sealed with a dedicated O-ring to provide tightness in all countries.
- **Excellent pressure control**
Thanks to the balanced seat design,they provide a stable pressure control in all conditions of inlet pressures and flow rates.The regulated pressure is adjustable internally.
- **Over Pressure Shut Off (OPSO) – Under Pressure Shut Off (UPSO)**
Certain models are preequipped with an OPSO/UPSO safety device.The OPSO sensing connection is linked with a tube to the regulator sensing connection.When installing,both must be connected to the downstream pipe. Models delivered with an OPSO/UPSO can be equipped at a later date with OPSO/UPSO safety device.
- **Vent**
Vent protected from rain by a labyrinth designs.
- **Maintenance**
They are easily dismantable for maintenance by qualified people.A kit of rubber components (membranes,O-rings) is available.

CONSTRUCTION

- Housing and cover in die-cast aluminium alloy protected by painting.
- Valve body is spheroidal graphite cast iron SF420,protected by zinc coating.
- Diaphragm in NBR reinforced with polyamide fibers resistant to LPG , Natural Gas and SNG.
- Valve pad and seals,in NBR resistant to LPG,Natural Gas and SNG.
- Spring in zinc coated steel.
- External sensing tube connection : compression fitting Ø 10 mm.
- Seat dimension : Ø 17 mm,balanced with a membrane.

COMPLIANCE TO DIRECTIVE

- All regulators are manufactured in compliance with the Pressure Equipment Directive (PED 97/23/CE). They are CE marked.

INSTALLATION

1492 MF
ACCESSORIES

- **OPSO-UPSO safety device** : To be fitted under the regulator.
Impulse tube Ø 10mm to be connected by compression fitting.
- **Manometers**
- **Filters** : To be installed upstream the regulator.
Connections : flanges DN50 PN40
Body material : steel (ASTM A 352 LCC)
Filtering cartridge in stainless steel (200 µm)
- **Relief valve RV4** : To be installed downstream the regulator.



❖ *Lenght between the flanges : 254 mm*

1491 MF - 1492 MF – 1495 MB						
Code	Model	Connection	Inlet Pressure	Outlet Pressure	OPSO	UPSO
CN-A10 MP	1491 MF	1"x1"	1-5 bar	95 - 450 mbar	-	-
CN-A10 MP/B	1491 MF-OPSO	1"x1"	1-5 bar	95 - 450 mbar	120 – 600 mbar	50 – 250 mbar
CN-A20 MP	1492 MF	1"x1 ½"	1-5 bar	95 - 450 mbar	-	-
CN-A20 MP/B	1492 MF-OPSO	1"x1 ½"	1-5 bar	95 - 450 mbar	120 – 600 mbar	50 – 250 mbar
CN-A50 MP	1495 MB	DN50 x DN50	1-5 bar	110 - 320 mbar	-	-
CN-A50 MP/B	1495 MB-OPSO	DN50 x DN50	1-5 bar	110 - 320 mbar	250 – 650 mbar	50 – 250 mbar