



Gas
Equipments
Product
Catalogue
2024

NATURAL GAS PRESSURE REGULATORS



SPECIFICATIONS

Capacity	: Up to 60 m ³ /h
Assembly	: Vertical and Horizontal Position
Maximum inlet pressure	: Up to 6 bar
Minimum inlet pressure	: Depending request can start as low as 0,1 bar
Outlet pressure range	: 18 to 500 mbar
Filter	: Included
Inlet connection type	: 1/2" – 3/4" -1"
Outlet connection type	: 1" – 1 1/4" – 1 1/2" – 2"
Security	: Integrated security valves (UPSO / Relief)

MATERIALS

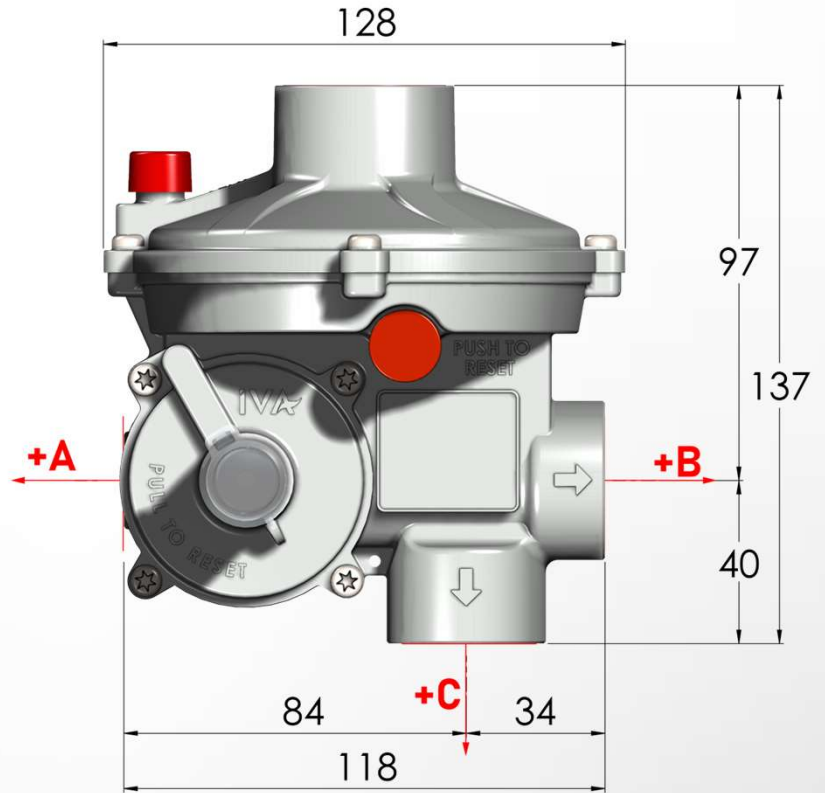
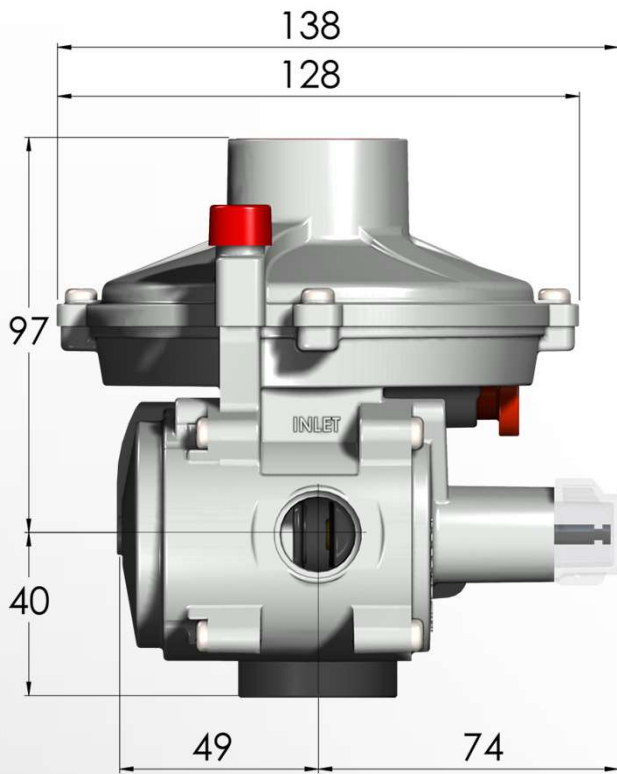
Body and Covers : Aluminum according to EN1706

Rubber and O-Rings : Nitril Rubber comply to EN 549

Brass materials : Suitable according to EN12164 - EN12165

Filter material : Metallic mesh filter

DIMENSIONS AND CONNECTIONS



Sphero Conic
SC



Coupling Flat
CF



Coupling Plan
CP



Fixed Male
FM



Fixed Female
FF

CONNECTION TYPES	SHORT NAME	A	B	C
Sphero Conic	SC	19	20	3
Coupling Flat	CF	13,8	20	3
Coupling Plan	CP	15	20	3
Fixed Male	FM	20	20	3
Fixed Female	FF	20	20	3

INLET CONNECTION TYPES	BSPP	G 1/2"	G 3/4"	G 1"
	BSPT	R 1/2"	R 3/4"	R 1"
	ANSI B1.20.1	NPT 1/2"	NPT 3/4"	NPT 1"

OUTLET CONNECTION TYPES	BSPP	G 1/2"	G 3/4"	G 7/8"	G 1"	G 1 1/4"	G 1 1/2"	G 2"
	BSPT	R 1/2"	R 3/4"	R 1"	R 1 1/4"	R 1 1/2"	R 2"	
	ANSI B1.20.1	NPT 1/2"	NPT 3/4"	NPT 1"	NPT 1 1/4"	NPT 1 1/2"	NPT 2"	



MODELS

Model	Flow Rate	Unit Weight	Box Size L X W H (cm)	Packaging (pieces/ carton)	Total Weight
iSR – SE 06	6 m ³ /h	1 kg.	15 x 13 x 17	20	21,5 kg.
iSR – SE 10	10 m ³ /h	1 kg.	15 x 13 x 17	20	21,5 kg.
iSR – SE 16	16 m ³ /h	1 kg.	15 x 13 x 17	20	21,5 kg.
iSR – SE 25	25 m ³ /h	1 kg.	15 x 13 x 17	20	21,5 kg.
iSR – SE 50	50 m ³ /h	1 kg.	15 x 13 x 17	20	21,5 kg.
iSR – SE 60	60 m ³ /h	1 kg.	15 x 13 x 17	20	21,5 kg.

LIQUIFIED PETROLEUM GAS (LPG) PRESSURE REGULATORS

HOUSE TYPE / LOW PRESSURE

MVN Model Regulator With Loaf



Inlet Pressure : 0,3 – 7,5 Bar

Outlet Pressure : 29 mBar

Capacity : 0-1,5 Kg/h

Inlet Diameter : W 21.8×14" LH EN 12864 G58

Outlet Diameter : Ø 10 mm EN 12864 H50

Package piece-weight : 50 – 13,4 kg

Package dimension : 30x28x35 cm

MVN Model Regulator With Loaf



Inlet Pressure : 0,3 – 7,5 Bar

Outlet Pressure : 29 mBar

Capacity : 0-1,8 Kg/h

Inlet Diameter : W 21.8×14" LH EN 12864 G58

Outlet Diameter : Ø 10 mm EN 12864 H50

Package piece-weight : 50 – 13,4 kg

Package dimension : 30x28x35 cm

MVA Adjustable Regulator With Loaf

Inlet Pressure : 0,3 – 7,5 Bar

Outlet Pressure : 3 – 9 Kpa (300-900mm/ss)
90 mBar

Capacity : 0-2 Kg/h

Inlet Diameter : W 21.8×14" LH

Outlet Diameter : Ø 10 mm

Package piece-weight : 100 – 22,5 kg

Package dimension : 55x19x32 cm



HOUSE TYPE / LOW PRESSURE



MVK4 Fixed Low Pressure Regulator

Inlet Pressure : 0,3 – 11 Bar

Outlet Pressure: 30 / 50 mbar

Capacity : 2 / 4 Kg/h

Inlet Diameter : W 21,8 x 14" LH

Outlet Diameter: M11 x 1 Ø 10 mm

Pack.piece-weight : 25 – 14,5 kg

Package dimension : 31x35x25 cm



MUJN Double Stage Jumbo Regulator

Inlet Pressure : 0,3 – 7,5 Bar

Outlet Pressure : 29 mbar

Capacity : 0-1,5 Kg/h

Inlet Diameter : Ø 35 mm EN 12864 G56

Outlet Diameter : Ø 13,5 mm EN 12864 H51

Package piece-weight : 50 – 25,5 kg

Package dimension : 48x41x23

MUJK Jumbo

Regulator with Extra Safety System

Inlet Pressure : 0,3 – 7,5 Bar

Outlet Pressure : 29 mbar

Capacity : 0-1,5 Kg/h

Inlet Diameter : Ø 35 mm EN 12864 G56

Outlet Diameter : Ø 10 mm – Ø 13,5 mm
EN 12864 H51

Package piece-weight : 50 – 28 kg

Package dimension : 48x41x23



HOUSE TYPE / LOW PRESSURE

MUKN KAAN Type

Cooker Regulator with Extra Safety System

Inlet Pressure : 0,3 – 7,5 Bar

Outlet Pressure : 29 mBar

Capacity : 0-1,5 Kg/h

Inlet Diameter : Ø 16 mm EN 12864 G50

Outlet Diameter : Ø 10 mm – Ø 13,5 mm
EN 12864 H51

Package piece-weight : 50 – 16 kg

Package dimension : 40x20x40 cm



MUKS KAAN

Geyser Regulator with Extra Safety System

Inlet Pressure : 0,3 – 7,5 Bar

Outlet Pressure : 3 Kpa (300mm/ss)

Capacity : 0-1.6 Kg/h

Inlet Diameter : Ø 16 mm

Outlet Diameter : Ø 10 mm – Ø 13,5 mm
EN 12864 H51

Package piece-weight : 50 – 16 kg

Package dimension : 40x20x40 cm



MUK5 KAAN

Regulator with Extra Safety System – 500's

Inlet Pressure : 0,3 – 7,5 Bar

Outlet Pressure : 5 Kpa

Capacity : 0-2 Kg/h

Inlet Diameter : Ø 16 mm

Outlet Diameter : Ø 10 mm – Ø 13,5 mm
EN 12864 H51

Package piece-weight : 50 – 16 kg

Package dimension : 40x20x40 cm



INDUSTRY TYPE / HIGH PRESSURE



MVN 112mbar Industry Regulator With Loaf

Inlet Pressure : 0,3 – 11 Bar

Outlet Pressure : 112 mBar (1112mm/ss)

Capacity : 0-4 Kg/h

Inlet Diameter : R 7/8 x 1/14" LH

Outlet Diameter : Ø 10 mm

Package piece-weight : 100 – 30 kg

Package dimension : 55x32x19 cm



MSD 0-10 Numbared Industry LPG Regulator

Inlet Pressure : 0,3 – 11 Bar

Outlet Pressure : 0 – 2 Bar

Capacity : 0-8 Kg/h

Inlet Diameter : W 21,8 x 14" LH

Outlet Dia.: M11 x 1 Ø 10 mm

Pack.piece-weight : 25 – 15,1kg

Package dimension : 31x35x25 cm



MVK Industry Regulator With Loaf

Inlet Pressure : 0,3 – 11 Bar

Outlet Pressure: 30 – 50 mbar

Capacity : 2 / 4 Kg/h

Inlet Diameter : W 21,8 x 14" LH

Outlet Diameter: M11 x 1 Ø 10 mm

Pack.piece-weight : 25 – 14,5 kg

Package dimension : 31x35x25 cm

INDUSTRY TYPE / HIGH PRESSURE



MVK Industry Regulator With Loaf

Inlet Pressure : 0,3 – 11 Bar

Outlet Pressure: 30 – 50 mbar

Capacity : 2 / 4 Kg/h

Inlet Diameter : W 21,8 x 14" LH

Outlet Diameter: W 21,8 x 14" LH

Pack.piece-weight : 25 – 14,5 kg

Package dimension : 31x35x25 cm



MVKA Industry Regulator With Loaf

Inlet Pressure : 0,3 – 11 Bar

Outlet Pressure: 30 – 50 mbar

Capacity : 2 / 4 Kg/h

Inlet Diameter : R 7/8 x 1/14" LH

Outlet Diameter: M11 x 1 Ø 10 mm

Pack.piece-weight : 25 – 14,5 kg

Package dimension : 31x35x25 cm



MUJS 0-6 Numbered Industry

JUMBO TYPE Regulator

Inlet Pressure : 0,3 – 11 Bar

Outlet Pressure : 0 – 2 Bar

Capacity : 0-8 Kg/h

Inlet Diameter : Ø 35 mm

Outlet Diameter : Ø 13,5 mm EN 12864 H51

Pack. piece-weight : 50 – 23,75 kg

Package dimension : 48x41x23 cm

INDUSTRY TYPE / HIGH PRESSURE



MSYJ 0-6 Numbered Industry JUMBO TYPE Regulator

Inlet Pressure : 0,3 – 11 Bar

Outlet Pressure : 0 – 2 Bar

Capacity : 0-8 Kg/h

Inlet Diameter : Ø 35 mm

Outlet Dia.: Ø 9 mm

Pack. piece-weight : 50 – 18,5 kg

Package dimension : 48x41x23 cm



MSY 0-6 Numbered Industry Regulator

Inlet Pressure : 0,3 – 11 Bar

Outlet Pressure : 0 – 2 Bar

Capacity : 0-8 Kg/h

Inlet Diameter : Ø 16 mm

Outlet Dia.: Ø 11 mm

Pack. piece-weight : 50 – 11 kg

Package dimension : 40x16x31 cm



MSR One or Two Exit Industry LPG Regulator

Inlet Pressure : 0,3 – 11 Bar

Outlet Pressure : 0 – 4 Bar

Capacity : 0-18 Kg/h

Inlet Diameter : W 21,8 x 14" LH

Outlet Dia.: GAS 1/4" Ø 10 mm

Pack. piece-weight : 25 – 14 kg

Package dimension : 44x41x25 cm

INDUSTRY TYPE / HIGH PRESSURE



MSRM Industry Regulator with Monometer

Inlet Pressure : 0,3 – 11 Bar

Outlet Pressure : 0 – 4 Bar

Capacity : 0-18 Kg/h

Inlet Diameter : W 21,8 x 14" LH

Outlet Dia.: GAS 1/4" Ø 10 mm

Pack. piece-weight: 25 – 15 kg

Package dimension : 44x41x25 cm

SPECIAL PRODUCTION



MUJA JUMBO Reducer (Apparatus)

Inlet Pressure: 0.3 – 11 Bar

Inlet Diameter: Ø 35 mm

Outlet Diameter: M14x1.25 / M16x1.50

Pack. piece-weight: 100 – 30 kg

Package dimension: 30x28x35 cm

FLEXES

Makaron of Counter Connection Flex (TS 10670)



Product features

Hose: 304 SS

Fittings: Steel

Coating Material: PVC Shirink
(According to Demand)

Weld Type: Tig

Aluminium Stranded Conductor (Corrugated Hose)



Product features

Hose: 304-316 L SS (According to Demand)

Fittings: MS58 – 304 SS – Steel (According to Demand)

Covering Material: PVC Shirink

Weld Type: Tig

Knitting Material: 304 SS (According to Demand)

Burner Connection Flex (TS 13890)



Product features

Hose: 316L SS

Fittings: 304 SS

Covering Material: PVC Shirink

Weld Type: Tig

FLEXES

Combi Boiler Flex



Product features

Hose: 316L SS

Fittings: 304 SS

Covering Material: PVC Shrink

Weld Type: Tig

Vinly Strip Fancoil Connection Hose (TSEK 402)



Product features

Hose: 304-316 L SS (According to Demand)

Fittings: MS58

Maximum Pressure: Up to 1.0 Mpa

Non-Tube (Makaron) Gas Flex (TS 10670)



Product features

Hose: 304 ss

Fittings: steel

Coating Material: PVC Shrink

(according to demand)

Source Type: Tig

FLEXES

Cooker Flex - TS EN 14800

Product features

Coating Material: PVC

Weld Type: Tig

Maximum load: 1,000 N

Size tolerance: suitable

Impact strength: suitable

Penetration resistance: suitable

Electrical resistance: 0.8 Ohm/m

Sealing: below 10cm³/h

Flow (efficiency): 1.8 m³/h

Mechanical strength: 6 bar

Leakage rate: 10cm³/h

Tightness (in case of fire): 650°C for 30 minutes

Durability: suitable



Container (Regulator) Connection Flex

Product features

Hose: 316L SS

Fittings: 304 SS

Covering Material: PVC Shrink

Weld Type: Tig



Makaron of Counter Connection Flex

Product features

Hose: 316L SS

Fittings: 304 SS

Covering Material: PVC Shrink

Weld Type: Tig



FLEXES

Counter Sleeve



Product features

- Plastic flange-pipe material: PPRC
- Nut material: MS58 Brass (uncoated)
- Nut length: 15mm
- Effective thread length: 7mm
- PPRC connection type: Fusing into Ø25 sleeve
- Meter connection type: Connection to 1" external thread with nut
- Nominal installation pressure: 10 bar
- Nominal water temperature: 85°C
- Product net weight: 46 grams (including all parts)

Compensator (Dilatation) Connection Flex



Product features

- Hose: 316L SS
- Fittings: 304 SS
- Covering Material: PVC Shrink
- Weld Type: Tig

Non-Instulated Fancoil Connection Flex



Product Specifications

- Hose: 316L SS
- Fittings: 304 SS
- Connection Type: Tig

SELENOID VALVES



TECHNICAL SPECIFICATIONS

Usage : City gas networks and gas pipelines in industrial areas

Medium : Natural Gas (Methane), LPG, Town Gas, Air, etc.

Connection
or

Port Size : 1/2", 3/4, 1", 1 1/4", 1 1/2", 2" Threaded (Female),
DN65, DN80 DN100 Flanged

Working

Pressure : 0,5 – 6 bar

Operating

Voltage : 12V, 220V AC or DC (On request other voltages)

Operating

Temperature : -20°C up to 60°C

Protection

Class : IP65

Model : SLN

GAS ALARM DEDECTOR



TECHNICAL SPECIFICATIONS

Usage	: It can be used safely to detect gas leaks in places where devices such as combi, oven, catalytic stove, water heater are used with gas
Detects Gases	: Natural Gas (Methane), LPG, Town Gas
Operating Voltage	: 230V AC 50-60 Hz ; \pm %10
Response Time	: 30 seconds
Sound Intensity	: 85Db
Temperature Range	: -10°C up to 50°C
Operating Humidity	: 10% – 90%
Visual Warning	: Green-System Enabled Error Yellow, Red-Alarm
According to Directives	: 2006/95/EC, 89/336/EC
According to Standards	: EN 50194-1, EN 50270, EN 60335-1
Reset Button	: Yes
Model	: GA

MECHANICAL SEISMIC VALVE



FM SIESMIC VALVE

Operating Pressure : 0-500mbar
Max. withstand Pressure : 2,5 bar
Connection Size : 3/4" to 2"
Operating Temperature : -23°C , +60°C
Thread length : min 20mm

Gasses: Natural gas, LPG, methane, air, propane, Gaseous fluids. Aluminum Body, brass and stainless steel internal parts



FDV SIESMIC VALVE

Operating Pressure : 0-4bar
Max. withstand Pressure : 20 bar
Connection Size : DN65 to DN200
Operating Temperature : -23°C , +60°C
Flanged : DIN PN 16

Gasses: Natural gas, LPG, methane, air, propane, Gaseous fluids. Aluminum Body, brass and stainless steel internal parts



**CSA CERTIFICATED
SIESMIC VALVE**

Operating Pressure : 0-500 mbar
Max. test Pressure : 2,5 bar
Operating Temperature : -23°C/ +66°C
Thread length : NPT, min 20 mm.

Gasses: Natural gas, LPG, methane, propane, air, etc.. non corrosive gaseous fluids. Gas touched surfaces are aliminium, brass and stainless steel.

GAS FILTER



FS SERIES



FM SERIES



FH SERIES

TECHNICAL SPECIFICATIONS

Usage	: City gas networks, gas pipeline in industrial areas
Fluid Type	: Non-corrosive gases such as Natural Gas (Methane), LPG, Town Gas, Air, etc.
Connection or	
Port Size	: 1/2", 3/4, 1", 1 1/4", 1 1/2", 2" Threaded (F) DN65, DN80, DN100 Flanged
Pressure Class	: PN1
Filter	: Standard 50 micron (10-20 microns on request)
Temperature Range	: -20°C up to 60°C
Pressure	
Test Connection	: 1/4" Threaded (Female)
Material Standard	: Aluminum EN 1706, Rubbers EN 549
Model	: F Series

MANOMETER & THERMOMETER



MANOMETERS GENERAL SPECIFICATIONS

- Used where high accuracy is needed.
- Used for pressure measurement of gases and liquids that do not attack Copper/Stainless Steel alloys.
- For aggressive media AISI 316L or Monel 400 can be used.
- Case Diameter: Ø100 mm, Ø160 mm, and Ø250 mm.
- Pressure Range: -1 bar...600 bar/ -1 bar...1000 bar for Stainless Steel Products/The product can be manufactured as a compound gauge for equivalent pressure ranges.
- Accuracy: CL 1.0
- Process Fluid Temperature :
(Copper Alloys) : +60 °C Optional : +120 °C
(Copper Alloys & Liquid Filled): +60 °C Optional: +100 °C/+120 °C
(Stainless Products) : +200 °C
(Stainless & Liquid Filled Products) : +100 °C / +200 °C
- Operating Pressure: Full-scale value
- Operating pressure: Between 10% and 75% of the full-scale
- Optional Vib-Lock movement for vibrating environments.
- Optional adjustable or drag pointers.
- Conformity: EN 837-1 Ingress Protection Rate: IP41, IP65
- PED:2014/68/EU Directive, ATEX: 2014/34/EU Directive
- Liquid-filled versions exist. (Filling Liquid: Glycerin/ Silicone oil)
- Industrial Applications: Water treatment, petrochemical plants, machinebuilding, and hydraulic/pneumatic systems

Thermometers



THERMOMETERS GENERAL SPECIFICATIONS

- Used where industrial grade accuracy is required.
- Used for temperature measurement of gases and liquids that do not attack Stainless Steel.
- Liquid-filled gauges are available to be used in vibrating environments.
- Case Diameter: $\varnothing 100$ mm and $\varnothing 160$ mm.
- Temperature Range: -30 °C... $+500$ °C
Liquid Filled Products: -30 °C... $+300$ °C
- Accuracy: CL 2.0/ Optional: CL 1.0
- Operating Range: Full-scale value. EN13190 Standard can be reviewed to see recommended operating range in details.
- Conformity: EN13190
- Ingress Protection Rate: IP51, IP65
- Filling Liquid: Silicone oil
- Stem Length: 100 mm...1000 mm.
- ATEX: 2014/34/EU Directive
- Industrial Applications: Natural Gas, LPG, Petroleum refineries, chemical plants, machine building, HVAC systems, boiler manufacturing.



ALBENER ENERJİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ

Ahmediye Mah. Gündoğumu Cad. No: 34/B

Üsküdar - İstanbul | TÜRKİYE

T. : +90 533 352 03 53

mustafa.albayrak@albener.com