

MANUAL GAS ADJUSTER GAF SERIES

FEATURES

- | | |
|----------------------------|----------------|
| • Valve body: | cast iron G25 |
| • Valve seat: | cast iron G25 |
| • Piston and rising stem: | galvanized AVP |
| • Cap: | aluminium |
| • "O" ring seal | |
| • Max. operating pressure: | 350 mbar |
| • Fluid temperature: | - 30°C +180°C |

APPLICATIONS

- Manual adjustment valve even at reduced flows.
- Non sealing valve.
- Recommended for non-corrosive gases such as natural gas, L.P., air, nitrogen etc.
- Available for 1/2" up to 4 conduits.

DESCRIPTION

The GAF gas adjusters are designed to provide an accurate flow control. The conical needle or cylindrical plug valve has a micrometer type screw thread adjusting stem and allows excellent adjustment possibilities even at reduced flows.

A GAF gas adjuster can be accurately adjusted with a screwdriver. A seal cap protects the adjustment preventing leakage.

Pyronics four bolts welding or threaded flanges are used on the downstream side of all adjustable orifices. These flanges are equipped with G-1/8" tappings for pressure measurements.

INSTALLATION

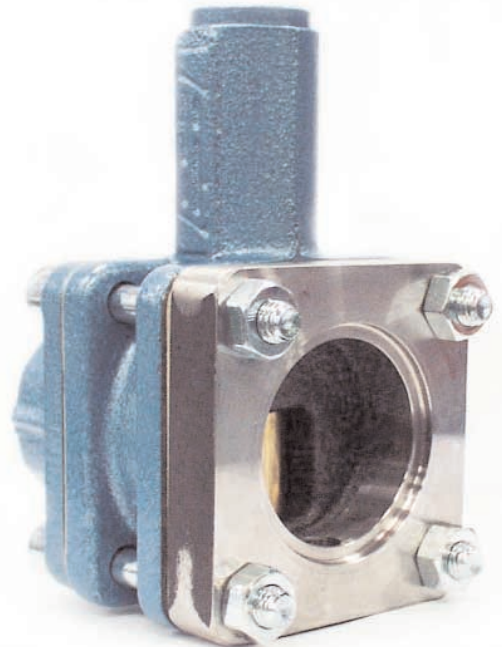
- Pyronics flanges must be mounted downstream of the gas adjuster (see design).
- It is recommended to mount adjusting valves downstream of any measuring device.
- The GAF series of valves are modulating control valves. Gas flow is accurately controlled by suitable electrical actuators. A seal gasket prevents leakage. The mounting flanges are equipped with 1/8" BSP test points.

TYPE I



F160101

TYPE II



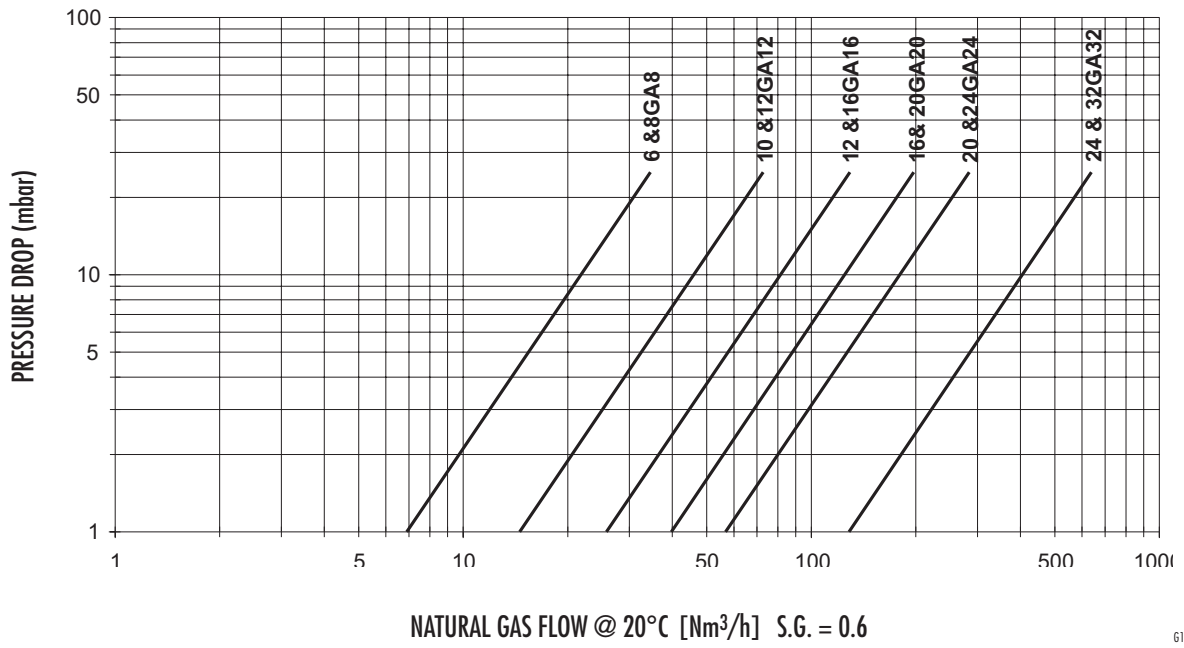
F160102



Headquarters
Esa S.r.l.
Via E. Fermi 40 I-24035 Curno (BG) - Italy
Tel. +39.035.6227411 - Fax +39.035.6227499
esa@esacombustion.it - www.esapyronics.com

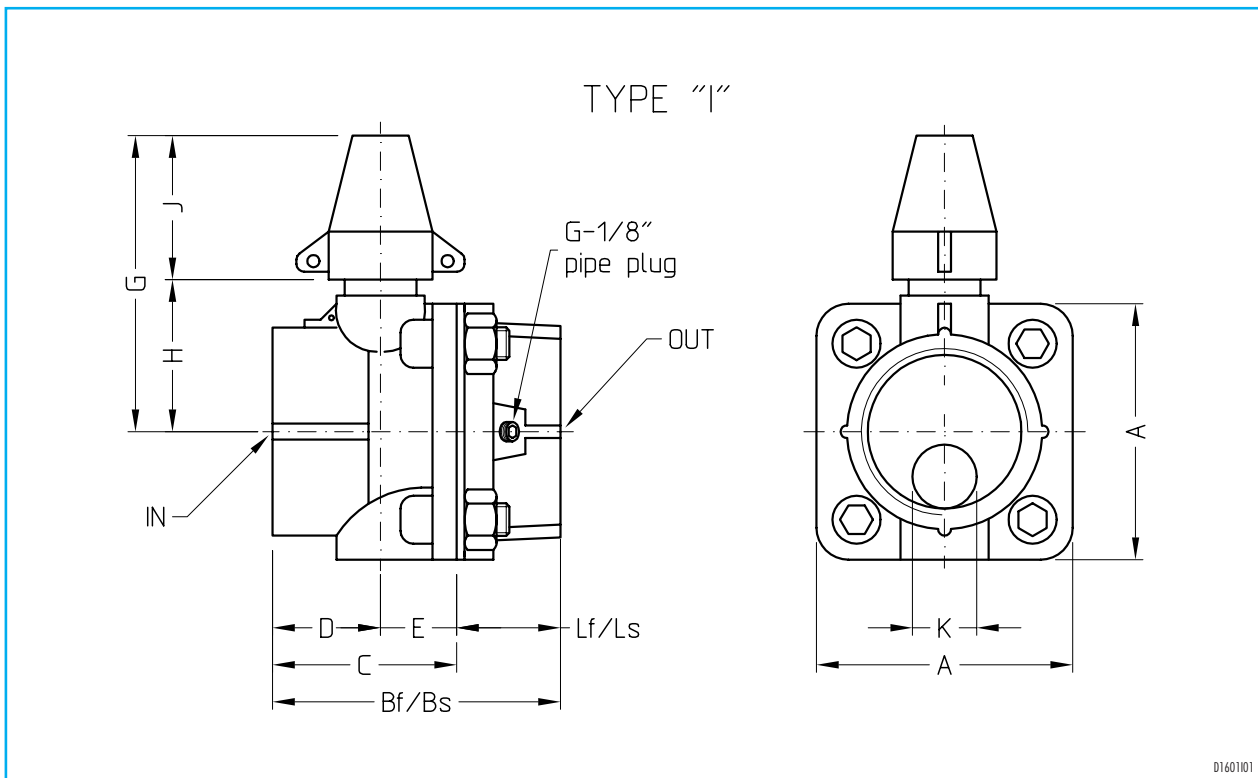
International Sales
Pyronics International S.A./N.V.
Zoning Ind., 4ème rue B-6040 Jumet - Belgium
Tel +32.71.256970 - Fax +32.71.256979
marketing@pyronics.be

CAPACITY TABLE



G160101

DIMENSIONS



Catalog no.	ø IN	ø OUT	A mm	Bf** mm	Bs** mm	C mm	D mm	E mm	Lf** mm	Ls** mm	G mm	H mm	J mm	K mm	Mass kg
12GAF16	G - 1.½"	G - 2"	87	99.5	85	67	46	21	32.5	18	108	51	57	25	3
16GAF16	G - 2"	G - 2"	87	99.5	85	67	46	21	32.5	18	108	51	57	25	3
16GAF20	G - 2"	G - 2.½"	102	118	102	84	59	25	34	18	114	57	57	32	4
20GAF20	G - 2.½"	G - 2.½"	102	118	120	102	70	32	40	18	153	70	83	32	4
20GAF24	G - 2.½"	G - 3"	111	142	122	102	70	32	40	20	153	70	83	38	13
24GAF24	G - 3"	G - 3"	111	142	122	102	70	32	40	20	153	70	83	38	13
24GAF32	G - 3"	G - 4"	127	165	141	121	83	38	44	20	172	89	83	57	13
32GAF32	G - 4"	G - 4"	127	165	141	121	83	38	44	20	172	89	83	57	14

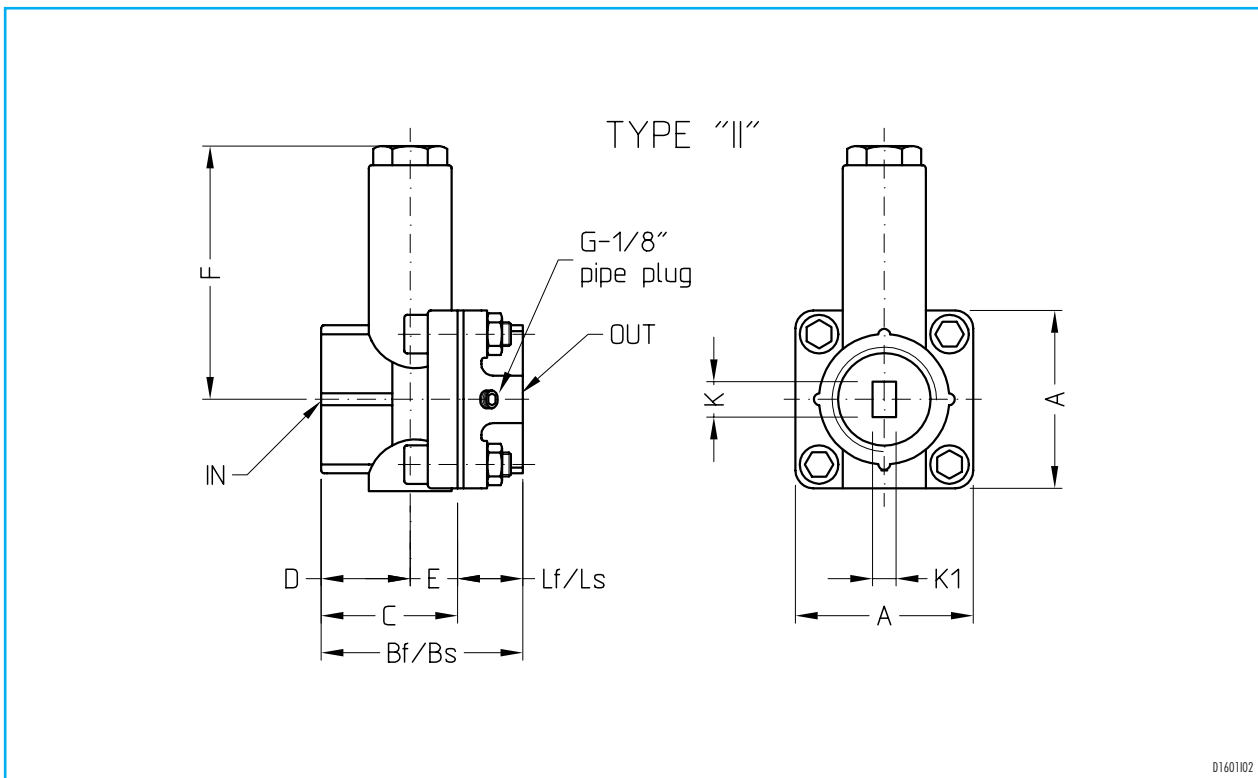
Bf** = Dimension with threaded flanges

Bs** = Dimension with welding flanges

Lf** = Dimension with threaded flanges

Bs** = Dimension with welding flanges

DIMENSIONS



D160102

Catalog no.	ø IN	ø OUT	A mm	Bf** mm	Bs** mm	C mm	D mm	E mm	Lf** mm	Ls** mm	F mm	K mm	K1 mm	Mass kg
4GAF6	G - 1/2"	G - 3/4"	59	67	61	45	31	14	22	16	83	14	8	1
6GAF6	G - 3/4"	G - 3/4"	59	67	61	45	31	14	22	16	83	14	8	1
6GAF8	G - 3/4"	G - 1"	59	67	61	45	31	14	22	16	83	14	8	1
8GAF8	G - 1"	G - 1"	59	67	61	45	31	14	22	16	83	14	8	1
10GAF10	G - 1.1/4"	G - 1.1/4"	76	90.5	76	58	39	19	32.5	18	89	21	14	2
10GAF12	G - 1.1/4"	G - 1.1/2"	76	90.5	76	58	39	19	32.5	18	89	21	14	2
12GAF12	G - 1.1/2"	G - 1.1/2"	76	90.5	76	58	39	19	32.5	18	89	21	14	2

Bf** = Dimension with threaded flanges

Bs** = Dimension with welding flanges

Lf** = Dimension with threaded flanges

Bs** = Dimension with welding flanges