

Gas and air filter

GF/1: Rp ½ – Rp 2

**GF/3: DN 25 – DN 40,
DN 125 – DN 200**

GF/4: DN 50 – DN 100

DUNGS®
Combustion Controls

GAS AND AIR FILTER

Manufacturer/Owner of EU-Type Examination Certificate

Flanged version:
Heinz Marchel GmbH & Co. KG
Ringstraße 10
49134 Wallenhorst / Germany

Threaded version:
Watts Industries Italia s.r.l.
Via vienna 3
38121 Trento / Italy



Technical description

Filter for interior gas lines, acc. DIN 3386 (max 5 bar) with high dust storage capacity.

Threaded connection

GF/1: acc. ISO 7/1

Flanged connection

GF/3, GF/4: acc. DIN EN 1092-1

Application

Type GF/1, GF/3, GF/4 gas and air filter for protecting downstream fittings. Filter suitable for gases of families 1, 2, 3 and other neutral gaseous media.

Approvals

EU type testing certificate as per:

- EU-Gas Appliances Regulation
- EU-Pressure Equipment Directive

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Specification	GF .../1 Threaded version	GF .../3/4 Flanged version
Nominal diameter	Rp ½ - Rp 2 (ISO 7/1)	DN 40 - DN 200 (DIN EN 1092-1)
Max. operating pressure	GF 10.../1 1 bar (100 kPa) GF 60.../1 6 bar (600 kPa)	GF 60.../3 6 bar (600 kPa) GF 60.../4 6 bar (600 kPa)
Max. flow velocity	≤ 20 m/s	
Ambient temperature	- 15 °C to +80 °C	
Pore width filter element	≤ 50 µm	
Materials	Housing: aluminium Seal: NBR Filter insert: Polyolefin fibres Filterholder: POM	Housing: aluminium Seal: NBR Filter insert: Polypropylen fleece Frame: Steel galvanized
Measuring connection DIN ISO 228	Upstream/downstream of filter element, on housing cover: GF 10.../1: G ¼ test nipple (MS) GF 60.../1: G ¼ sealing plugs (VS)	Upstream/downstream of filter element, both sides of housing: G ¼ sealing plugs (VS)
Installation position	Any, preferred position: with cap vertical	Any, preferred position: with cap vertical

Article designation	Order no.	p _{max.} [bar]	Rp	Measuring connection
GF 1005/1	066191	1	Rp ½	MS
GF 1007/1	066209	1	Rp ¾	MS
GF 1010/1	066217	1	Rp 1	MS
GF 1015/1	066225	1	Rp 1 ½	MS
GF 1020/1	066233	1	Rp 2	MS
GF 6005/1	228073	6	Rp ½	VS
GF 6007/1	228074	6	Rp ¾	VS
GF 6010/1	228075	6	Rp 1	VS
GF 6015/1	228076	6	Rp 1 ½	VS
GF 6020/1	228077	6	Rp 2	VS

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Article designation	Order no.	p _{max.} [bar]	DN	Measuring connection
GF 60025/3	279861	6	25	VS 4 x G ¼
GF 60040/3	279853	6	40	VS 4 x G ¼
GF 60050/4	279854	6	50	VS 4 x G ¼
GF 60065/4	279855	6	65	VS 4 x G ¼
GF 60080/4	279856	6	80	VS 4 x G ¼
GF 60100/4	279857	6	100	VS 4 x G ¼
GF 60125/3	279858	6	125	VS 4 x G ¼
GF 60150/3	279859	6	150	VS 4 x G ¼
GF 60200/3	279860	6	200	VS 4 x G ¼

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Head Offices and Factory

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