

## Gas and air filter

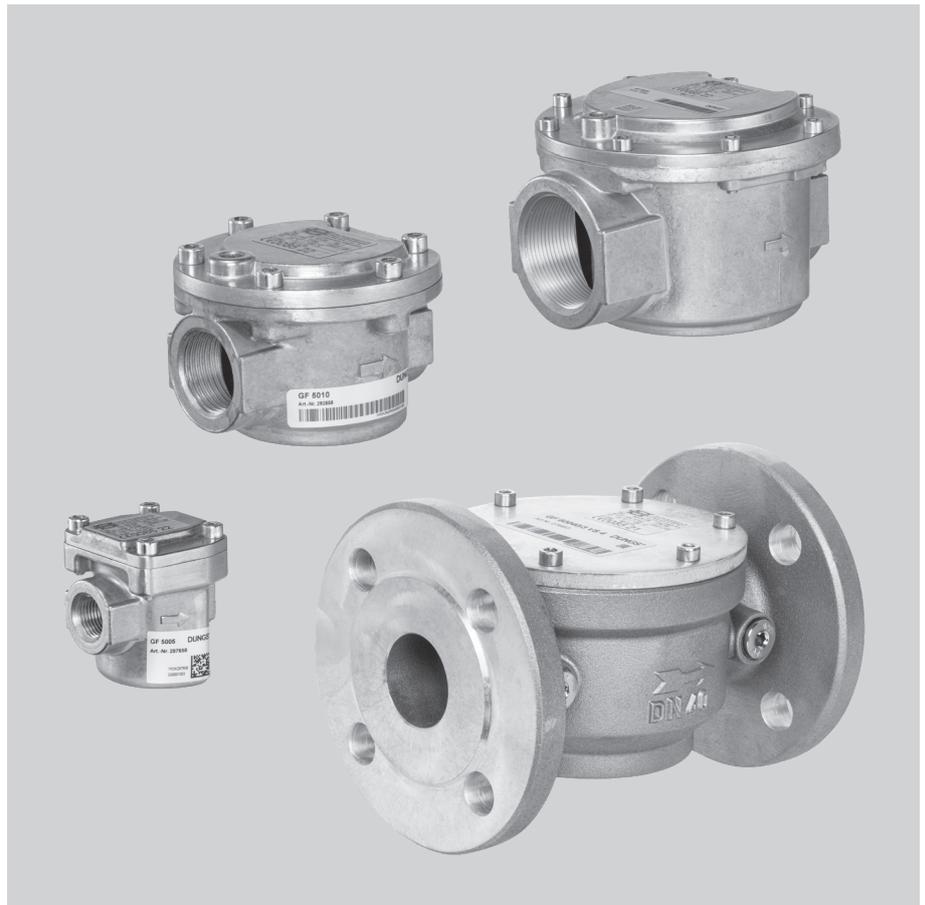
GF: Rp ½ – Rp 2  
GF/3: DN 25 – DN 40,  
DN 125 – DN 200  
GF/4: DN 50 – DN 100

**DUNGS**<sup>®</sup>  
Combustion Controls

## GAS AND AIR FILTER

### Manufacturer / Owner of EU-Type Examination Certificate

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



### Technical description

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

Threaded connection

GF: acc. DIN EN 10226-1

Flanged connection

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

### Application

Type GF, 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. Up to max. 0,1 % H<sub>2</sub>S, 100 % H<sub>2</sub> tested.

### Approvals

EU type testing certificate as per:

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

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GF/3: DN 25 – DN 40, DN 125 – DN 200

GF/4: DN 50 – DN 100

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Specification	GF... Threaded version	GF.../3/4 Flanged version
Nominal diameter	Rp ½ - Rp 2 (DIN EN 10226-1)	DN 25 - DN 200 (DIN EN 1092-1)
Max. operating pressure	GF 10.../1 1 bar (100 kPa) GF 50.../1 5 bar (500 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	
Measuring connection DIN ISO 228		Upstream / downstream of filter element, both sides of housing: G¼ sealing plugs ( <b>VS</b> )
Materials	Housing: AISi cast Cover seal: NBR Filter insert: Polypropylen fleece Filterholder: wire steel galvanized	Housing: aluminium Seal: NBR Filter insert: Polypropylen fleece Frame: Steel galvanized
Installation position	Any, preferred position: with cap vertical	Any, preferred position: with cap vertical

Article designation	Order no.	Rp	p <sub>max.</sub> [bar]
GF 1005	297617	Rp ½	1 bar
GF 1007	297473	Rp ¾	
GF 1010	297526	Rp 1	
GF 1012	297655	Rp 1 ¼	
GF 1015	296690	Rp 1 ½	
GF 1020	228192	Rp 2	
GF 5005	297658	Rp ½	5 bar
GF 5007	297659	Rp ¾	
GF 5010	292555	Rp 1	
GF 5012	297660	Rp 1 ¼	
GF 5015	297661	Rp 1 ½	
GF 5020	297662	Rp 2	

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GF: Rp ½ – Rp 2

GF/3: DN 25 – DN 40, DN 125 – DN 200

GF/4: DN 50 – DN 100

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

**Technical Information based on:**  
**Flanged versions:** Form NDFP 06.08.2020 DE/GB/FR  
19-0532-GEA  
**Threaded versions:** 64-0060-I-UK-IT/1-10-13-Rev.3  
N°GA043 rev.2

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**GF: Rp ½ – Rp 2**

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

**GF/4: DN 50 – DN 100**



### Accessories

Article designation	Order no.	Explanation
Replacement filter GF Rp ½, Rp ¼	298174	set consisting of 5 filter pads and 5 o-rings
Replacement filter GF Rp 1	298175	set consisting of 5 filter pads and 5 o-rings
Replacement filter GF Rp 1 ¼, Rp 1 ½	298176	set consisting of 5 filter pads and 5 o-rings
Replacement filter GF Rp 2	298177	set consisting of 5 filter pads and 5 o-rings
Replacement filter GF/3, DN 25	244562	single packed incl. filter pad and o-ring
Replacement filter GF /3, DN 40	222691	single packed incl. filter pad and o-ring
Replacement filter GF /3, DN 50	222692	single packed incl. filter pad and o-ring
Replacement filter GF /4, DN 50	257124	single packed incl. filter pad and o-ring
Replacement filter GF /3 /4, DN 65	222693	single packed incl. filter pad and o-ring
Replacement filter GF /3 /4, DN 80	222694	single packed incl. filter pad and o-ring
Replacement filter GF /3 /4, DN 100	222695	single packed incl. filter pad and o-ring
Replacement filter GF, DN 125	222696	single packed incl. filter pad and o-ring
Replacement filter GF, DN 150	222697	single packed incl. filter pad and o-ring
Replacement filter GF, DN 200	222698	single packed incl. filter pad and o-ring

### Head Offices and Factory

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