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),/ 75< 6),/7 5\$ý1Ë3\$752128
 CARTRIDGE FILTERS



2

),/ 75< 6),/7 5\$ý1Ë3\$752128 \$ '),(5(1ý1ð 0\$120(75(0
 CARTRIDGE FILTER WITH DP CLOGGING INDICATOR



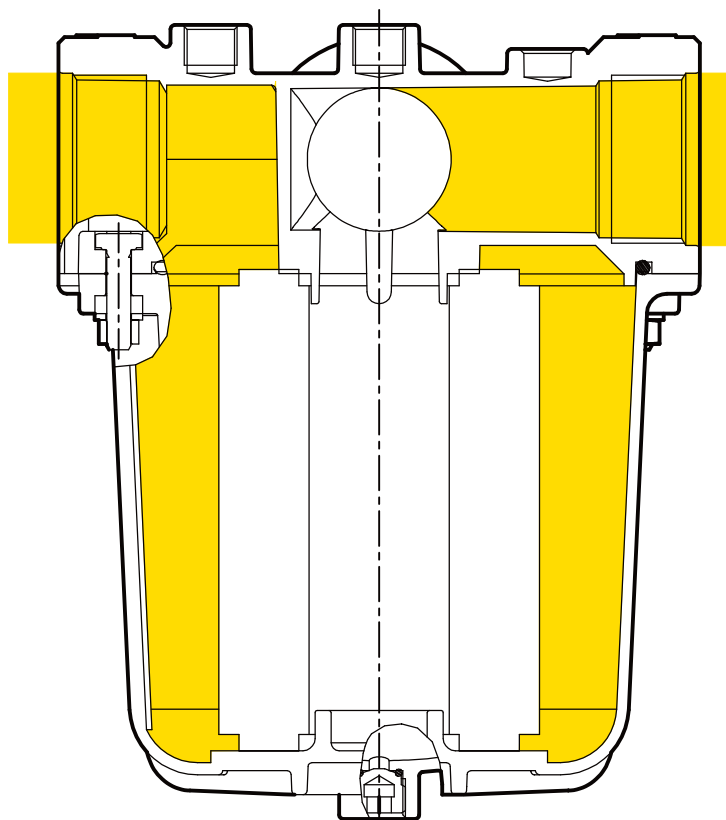
3

),/ 75< 352 3/ <1
 GAS FILTER



4

),/ 75< 6 0\$120(75<
 FILTER WITH MANOMETER



967831È
7/5.
INLET PRESSURE

0\$ 7(5È/ MATERIALS
7c/62 / BODY

GD AISi 12 EN AB 46100

G AISi 9 EN AB 43100

.5<7< - COVERS

GD AISi 12 EN AB 46100

G AISi 9 EN AB 43100

3295&+29È 035\$9\$

SUPERFICIAL TREATMENTS

3.6. 29E1È7c/ (6\$

SABBIATURA -SANDBLASTING

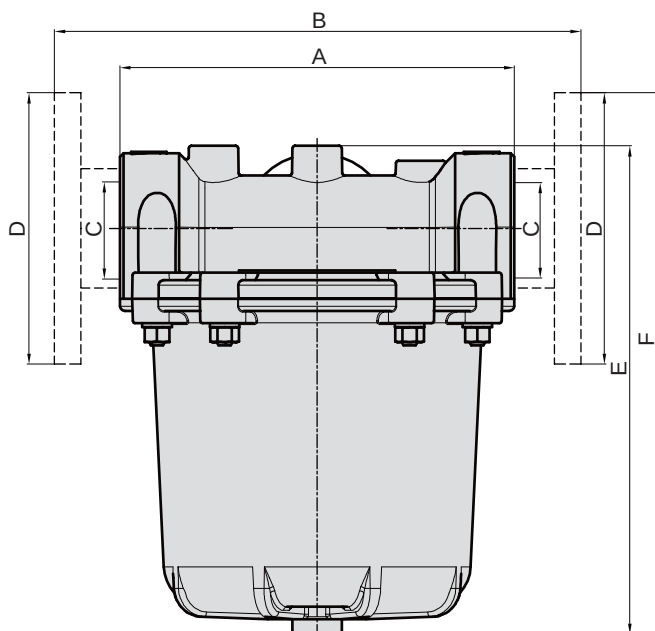
92/ ,7(/ 1e / UPON REQUEST

1È67è.. 35\$â. 29é0 32 / <58(7+\$1(0

DUST POLYURETHANE COATING

9/ 2 ä. 29e) , / 75<

3è,32-(1È CONNECTIONS	A	B	C	D	E	F
1"	160		1"		195	
1"1/4"	160		1"1/4"		195	
1"1/2"	160		1"1/2"		195	
1"1/2"	200		1"1/2"		258	
2"	200		2"		258	
DN 25/S		262		DN 25		215
DN 32/S		253		DN 32		228
DN 40/S		278		DN 40		233
DN 40/S		318		DN 40		287
DN 50/S		318		DN 50		295





092'

9 0ÄNRYp ILQW MRX NRQWKRYI Q Y VRXQGX QRUP RX
' ,1 DMRX XUHQ SUR YÄFKQ WSL J HP QKR SOQX / 3* D
QHDJUHMYQFK QMPPQFK SOQH
9 0ÄNRYp ILQW MRX ÄURFH SRXätYDQp J D -pHÖP RFKUDQ ÖGRFK
SÄWRVÄ UHÖVÄUH VÖNK P ÖGHÖD VÄ VÄP H NÄUÄ YÄDGXMYÄ VRNE
WÄSHÉ pLÄRVÄ SOQX
9 \ VRNE REVP YÖÄNRYÖFK ILQW DÄMFK ILQWQ SOÄFKD XP RÄEXM
RGÖÖQ NÄN SUDÄKRYÖFK VÖN SHYÖFK bi VÄF D VÄP J NUDFXMÄ pMQRWV
~GÄE J DÖJ HQFK XP tWÖQÖP LJ D ILQW

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=i NDQQ -GDW
Ä) LQWpQ WQDQD P QD SRÄI G Q LNRYM
ÄÖ D QRYÖQÖ WÖN EDU
ÄÖ D Q SUDRYQ WÖN EDU
ÄÖ D SURYQ Q WÖNÄQ UR VDK 20 & &
Ä-i YÄRYp SÖSRMÖ GÄ81, ,62
ÄSÖXERYp SÖSRMÖ GÄ (1

0 RGHO Model	=i YÄRYp SURYHQÖ 53 Threaded Rp	2 EMpVÖR Cartridge Code
50101	1"	0991005000A
50102	1" 1/4	0991005000A
50103	1" 1/2	0991005000A
50201	1" 1/2	0991005100A
50202	2"	0991005100A

0 RGHO Model	3 ÖXERYp SÖSRMÖ * 1 Flanged Dn	2 EMpVÖR Cartridge Code
50101/F	25 / ÖTÖČNÉ	0991005000A
50102/F	32 / ÖTÖČNÉ	0991005000A
50103/F	40 / ÖTÖČNÉ	0991005000A
50201/F	40 / ÖTÖČNÉ	0991005100A
50202/F	50 / ÖTÖČNÉ	0991005100A

3ěÈ6/8ä(1679È :
6 WQDÖQÖÖ kontroln² ERG SUR l_nmhclä NRQWRP ÖÖGD
YÄMÖÖ 0 DQRP HW
YÄMÖÖ 3 P DQRP HW

2' 32 9 È È 60 ö51,&, &((

ACCESSOIRES:

- Test point Std
- Manometer
- DP clogging indicator

CONFORMING TO THE 90/396 CEE DIRECTIVE

INTRODUCTION

Filters CAR TRIDGE designed in accordance with the provisions of DIN. 3386 standards can be used for all the types of natural gas, LPG or not corrosive gases.

These filters are widely used for protection of control devices, pressure regulators, meters and on systems that requiring an high degree of filtration.

The high filtration capacity of the cartridges and their broad surface allow separation of both dust and solid particles reducing maintenance times for the equipment installed downstream.

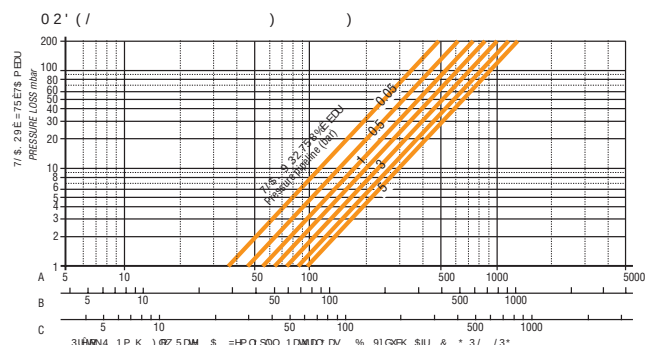
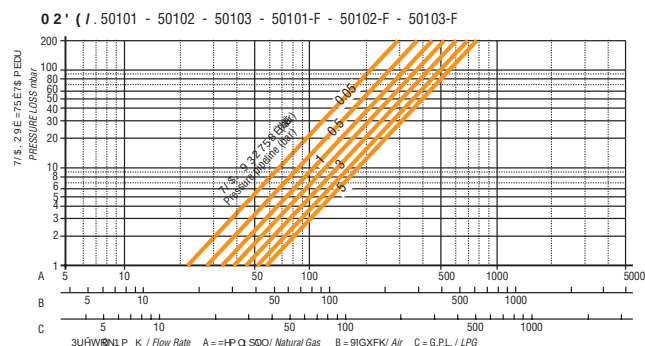
MAIN FEATURES

CARTRIDGE FILTER WITH THREADED OR FLANGED CONNECTIONS

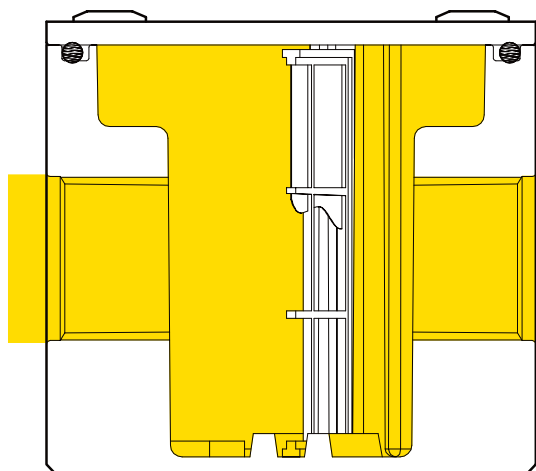
Essential features include:

- Cloth filter cartridge 5µm (metallic upon request)
- Max allowable pressure: 10 bar
- Max working pressure: Pu max 10 bar
- Maximum operating temperature: -20°C + 80°C
- Threaded series connections: UNI-ISO 7/1
- Flanged series connections: EN 1092

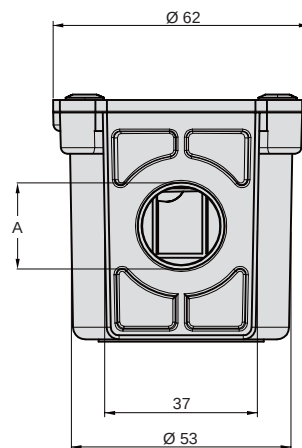
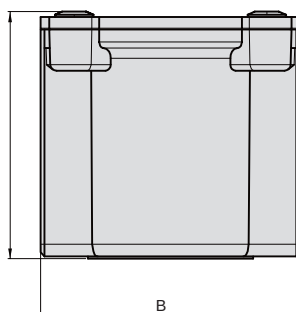
' , \$* 5 \$0 9é. 2 1 g / FLOW RATE DIAGRAM



9) WÖQ SRCP tQN : +15°C, 1013 mbar, VÄKÖ SQQ
Based on: +15°C, 1013 mbar, dry



967831E

7/8"
INLET PRESSURE

0 \$7(5,É/ 0 \$7(5,\$/6
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* \$,6L (1 \$%

. 5<7< 829(56

*' \$,6L (1 \$%

* \$,6L (1 \$%

3295&+29È Ò35\$9\$/ SUPERFICIAL TREATMENTS

7ç/(62

3È6.29È1È -SANDBLASTING

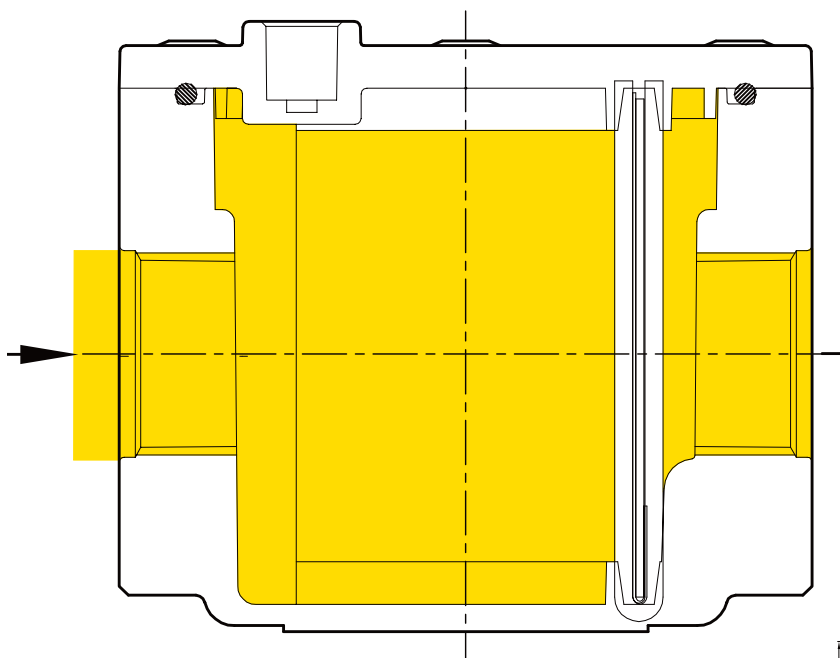
1\$9<àÈ È1È/ UPON REQUEST

35Èâ. 29e 1\$(6(1È32/ <58(7+\$129e %\$59<

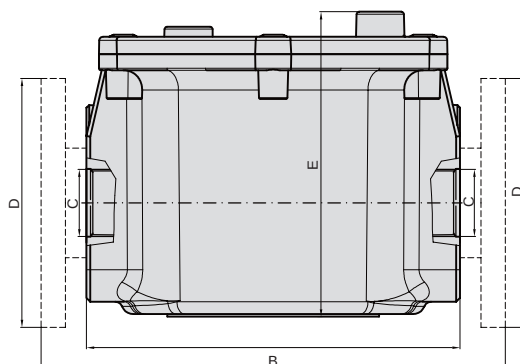
DUST POLYURETHANE COATING

CONNESSIONI / CONNCTIONS

-A-	B
1/2"	113
3/4"	109
1"	109



CONNESSIONI CONNCTIONS	A	B	C	D	E
1/2"	114		1/2"		107
3/4"	114		3/4"		107
1"	114		1"		107
1"1/4"	150		1"1/4"		123
1"1/2"	150		1"1/2"		123
2"	181		2"		144
DN 25/S		216		DN 25	107
DN 32/S		243		DN 32	123
DN 40/S		268		DN 40	123
DN 50/S		299		DN 50	144
DN 65		306		DN 65	178
DN 80		323		DN 80	178
DN 100		354		DN 100	227
DN 150		474		DN 150	325





092'

30VQRYHOM IMRX NRQWRYI Q YVRXOGX VQRUPRX',1 D IMRX XUPHQ
SUR] HP Q SOQ / 3* D YAHFKQ QHMDQ SOQ
9] KOGHP NP DOP YQCHP UR] P OUP IMRX WVR NRP SDNQ DOP IQRYp ILOM
zvšgš YKRCQ SUR Q WQQP RKQYDPH YRG D SRGREQ DSQDFH
9 HON ILOM Q SOFKD XP REXIM -pQQC] DFKI FRYDWD VHSURYDVI SOQX ION
SUDQ VON SHYQp bi WAFH DWP] DVAWMI P LQP DQ XIM Q URN QD -GAX
] DQ HQ QDP RQRYDQFK] D ILOM

=È. / \$' 1È0' \$-(

5 REXWQ SHYQ NRQWKNFH
OpQQ ILOM FH
Kompaktn² rozmDy
6 QDQ -GAX
=i YURYp SGRVQ 81, ,62
0 D] SRYDQ VON 36 EDU
7 HSNQ VQD 20 &
=DFKI FXIM bi WAFH YQD pLURYQ P

ZČVITOVĚ PŘIPOJENČ THREADED FILTERS		PS
Mod.	Rp	bar
10001	1/2"	2
10002	3/4"	2

INTRODUCTION

Gas filter designed to the provision of DIN. 3386 standard can be used for all the types of natural gas LPG or not corrosive gases.

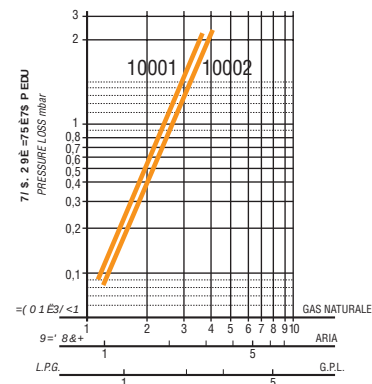
Due to its small size, this compact die-cast aluminium filter is particularly suitable for use in Wall boilers, hot water produces, and other such installation.

The effectiveness of the filter element the large surface area of the cartridge ensure a high degree of separation of both dust and solid particles, minimizing the maintenance required on all the equipment installed downstream of the filters.

MAIN FEATURES

- Resistant construction
- Effective filtration
- Compact size
- Easy maintenance
- Threaded connections UNI-ISO 7/1
- Maxi allowable pressure: PS 2 bar
- Temperature class: -20° +80°C - (-5° +176°F)
- Filtration capacity: 50µm

'\$ * 5\$0 35ğ72.8 - FLOW RATE DIAGRAM



9] WQp SRGP tQN : +15°C, 1013 mbar, VXFê SOQ
Based on: +15°C, 1013 mbar, dry

CONFORM DIRE&TIVE 90/396 CEE

2' 329È È 60 c51,&, &((



ÚVOD

Plynové filtry jsou konstruované v souladu s normou DIN.3386 a mohou být používány na všechny druhy zemního plynu, LPG a všechny neagresivní plyny. Tyto filtry se hlavně osazují před kontrolní zařízení, regulátory tlaku plynu, měřidla a systémy vyžadující vysoký stupeň čistoty plynu. Velká filtrační plocha zajišťuje účinnou filtraci a separaci jak prašných tak pevných částic z plynu a tím minimalizuje nároky na údržbu. Zařízení osazených za filtry.

ZÁKLADNÍ ÚDAJE

- Pevná, robustní konstrukce
- Účinná filtrace
- Kompaktní rozměr
- Snadná údržba

Všechny filtry jsou vybaveny kontrolním otvorem pro napojení manometru na vstupu a výstupu.

- Přírubové provedení 10210/F: max. povolený tlak: PS 2 bar
provozní tlak 2 bar
- Závitové provedení 106...: max. povolený tlak: PS 10 bar
provozní tlak 10 bar
- Přírubové provedení 106.../F: max. povolený tlak: PS 10 bar
provozní tlak 10 bar
- Závitové připojení: UNI-ISO 7/1
- Přírubové připojení: EN 1092
- Max. pracovní teplota: -20° +80°C
- Účinnost filtrace: ≤ 50 μm

ZÁVIT / THREADED		PS
Model	Rp	bar
10601	1/2"	6
10602	3/4"	6
10603	1"	6
10604	1" 1/4	6
10605	1" 1/2	6
10606	2"	6

PŘÍRUBY / FLANGE		PS
Model	Rp	bar
10603/F	25 / Otočné / Sliding	6
10604/F	32 / Otočné / Sliding	6
10605/F	40 / 2WRpQp Sliding	6
10606/F	50 / Otočné / Sliding	6
10607/F	65	6
10608/F	80	6
10609/F	100	6
10210/F *	150	2

* ODPOVÍDÁ SMĚRNICI 97/23 CE PED

PŘÍSLUŠENSTVÍ:

Kontrolní bod standard - Manometr - Diferenční manometr

ODPOVÍDÁ VŠEM SMĚRNICÍM 90/396 CEE

INTRODUCTION

Gas filters designed in accordance with the provisions of DIN.3386 standards can be used for all the types of natural gas, LPG or not corrosive gases. These filters are widely used for protection of control devices, pressure regulators, meters and on systems that requiring an high degree of filtration. The high filtration capacity of the cartridges and their broad surface allow separation of both dust and solid particles reducing maintenance times for the equipment installed downstream.

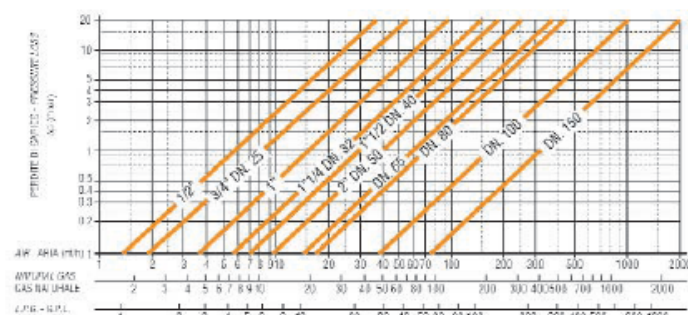
MAIN FEATURES

- Resistant construction
- Effective filtration
- Compact size
- Easy of maintenance

All the filter covers are filled with connections for test point both at the filter inlet and outlet.

- Flanged Mod. 10210/F: max allowable pressure: PS 2 bar
working pressure 2 bar
- Threaded series 106...: max allowable pressure: PS 10 bar
working pressure 10 bar
- Flanged series 106.../F: max allowable pressure: PS 10 bar
working pressure 10 bar
- Threaded series connections: UNI-ISO 7/1
- Flanged series connections: EN 1092
- Working temperature (max): -20° +80°C
- Filtration capacity: ≤ 50 μm

GRAM PRŮTOKU - FLOW RATE DIAGRAM



9 ztažné podmínky: +15°C, 1013 mbar, suchý plyn
Based on: +15°C, 1013 mbar, dry

* CONFORMING TO THE 97/23 CE PED DIRECTIVE

ACCESSORIES:

Test point Std - Manometer - DP clogging indicator

CONFORMING TO THE 90/396 CEE DIRECTIVE

Distributor: **JET SERVICE, s.r.o.**, Maiselova 57/9, 110 01 Praha 1
Tel.: 222 325 226, fax: 222 323 971
E-mail: jet@jetservice.cz, www.jetservice.cz