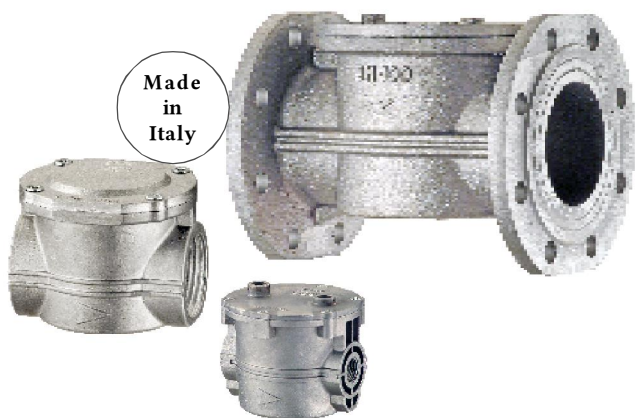


CAVAGNA INDUSTRIE

Gas Filter

English

Made
in
Italy



GAS FILTER

GFD050-TPIO-10B

① ② ③ ④ ⑤

① GF=GAS FILTER

② ATTACCHI:
=Attacchi filettati
D=Attacchi flangiati

④ OPTIONAL:
SP= Screw Plugs
TPIO=Test Point IN/OUT

⑤ BAR:
= 6bar
-10B= 10bar

③ DIMENSIONS:

015SC = 1/2" (Small Capacity)
020SC = 3/4" (Small Capacity)
025SC = 1" (Small Capacity)
015 = 1/2"
020 = 3/4"
025 = 1"
25 = DN25
032 = 1 1/4"
32 = DN32
040 = 1 1/2"
40 = DN40
050 = 2"
50 = DN50
65 = DN65
80 = DN80
100 = DN100
125 = DN125
150 = DN150

GENERAL DESCRIPTION

Gas filters designed in accordance with the provisions of EN13611. The inlet element is made according to DIN.3386. 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. All the filter covers are filled with connections for test point both at the filter inlet and outlet.

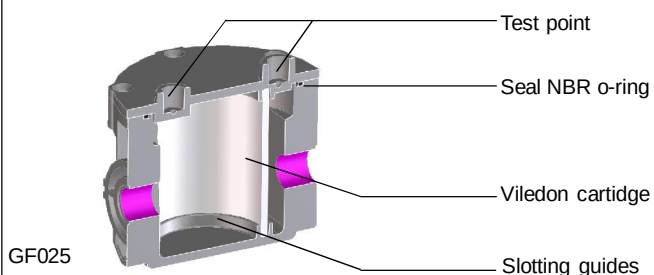
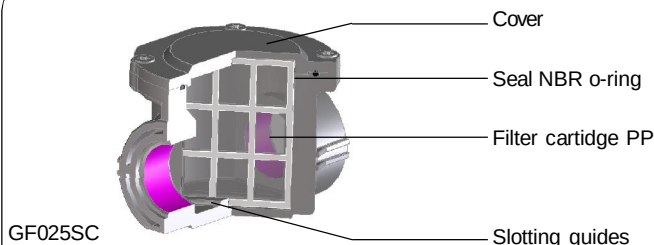
All the operations shall be made by specialized technicians.

MARKING

Depending on which model, GF filter are marked by label with their technical characteristics.

GF015 1/2" P-max 6 bar
Filtration degree 50micron

S/N 000037/14



INSTALLATION

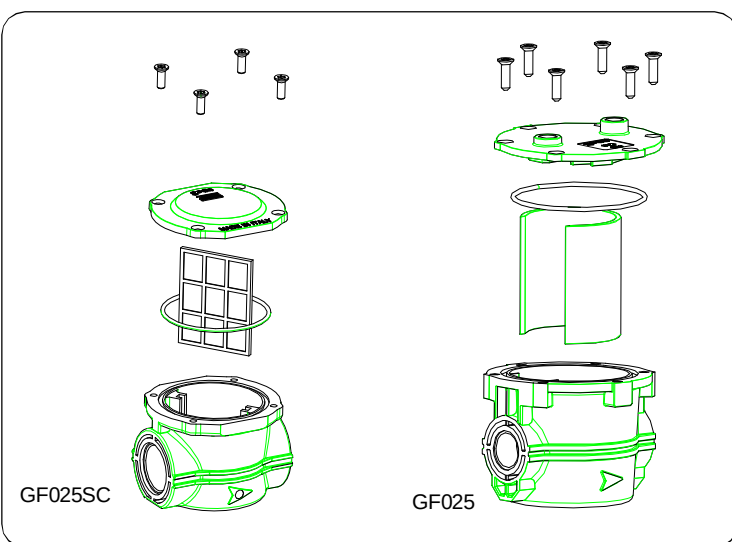
The device must be mounted away from the plasters, keeping a distance from the cover to allow the maintenance operations. Use the tightening torques specified in the standard EN13611, not by leveraging on the body.

REPLACEMENT OF THE CARTRIDGE

Before any operation of maintenance, you need to check that the valve installed before and after the filter are closed and the pressure are discharged with the drain plug. Unscrew the screws of the cover, remove the cover, extract the cartridge e replace it with a new one, positioning as indicated inside the body.

Reassembly the body, and check that the cartridge comes inside correctly on the cover. Fix the screw with cross sequence.

Perform a leak test of the system.



GENERAL CONDITIONS OF WARRANTY

THE PRESENT CERTIFICATE IS THE ONLY DOCUMENT TO HAVE THE RIGHT OF REPARATION OF THE PRODUCT IN WARRANTY

- The product is warranted for 24 month from purchase date.
- Any damages caused by tampering and incorrect use or installation will be not covered by warranty.
- The warranty is valid only if is full compiled.
- In case of defects covered by warranty, the producer will repair or replace the free product.

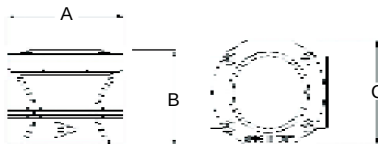
PERFORMANCES OUT OF WARRANTY:

When warranty's terms are spent, the eventual reparations will debited in according to the replaced parts and to the hand costs.

DIMENSIONS (mm) and WEIGHT (Kgs)

GAS FILTER SC

Model	mm			Kgs weight
	A	B	C	
GF015SC	72.0	60.0	65.0	0.221
GF020SC	72.0	60.0	65.0	0.212
GF025SC	72.0	60.0	65.0	0.199

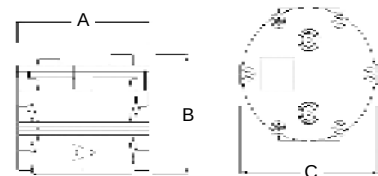


TECHNICAL FEATURES

Operation maximum pressure:	6bar or 10bar
Working Temperature:	-20°C +60°C
Filtration:	≤50Micron
Use:	Non-aggressive gases - Family 1-2-3 and air - Special version for Biogas
Cartridge:	Plastic cartridge PP
Connection:	Threaded gas 1/2" - 3/4" - 1" - ISO 228
Complete Body:	Die - Cast aluminium Gd - AlSi12Cu - EN AB 46100
Seals:	NBR
Approval:	97/23/CE (PED) 2009/142/CE(GAS) EN13611

GAS FILTER

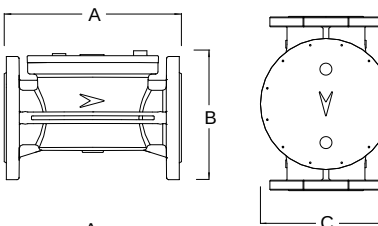
Model	mm			Kgs weight
	A	B	C	
GF015	114.0	105.5	118.5	0.806
GF020	114.0	105.5	118.5	0.795
GF025	114.0	105.5	118.5	0.786
GF032	164.0	131.7	152.5	2.052
GF040	164.0	131.7	152.5	2.006
GF050	164.0	131.7	152.5	1.917



TECHNICAL FEATURES

Operation maximum pressure:	6bar or 10bar
Working Temperature:	-20°C +60°C
Filtration:	50Micron
Use:	Non-aggressive gases - Family 1-2-3 and air
Cartridge element:	Viledon cartridge
Inlet-Outlet:	Threaded gas 1/2" - 3/4" - 1" - ISO 228
Connection:	DN25 - Sliding Aluminium flange PN10 DN32-DN40-DN50 - Sliding Aluminium flange PN10 Flanged PN16 - DN65-DN80-DN100-DN125-DN150

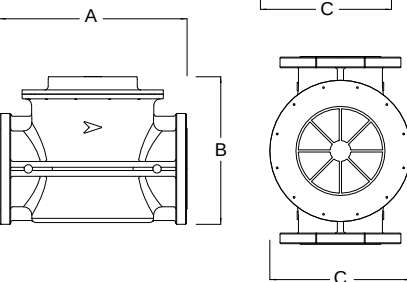
Model	mm			Kgs weight
	A	B	C	
GFD65	240	180.0	185	4.4
GFD80	265	180.0	200.0	5.0
GFD100	265	210.0	220.0	5.8



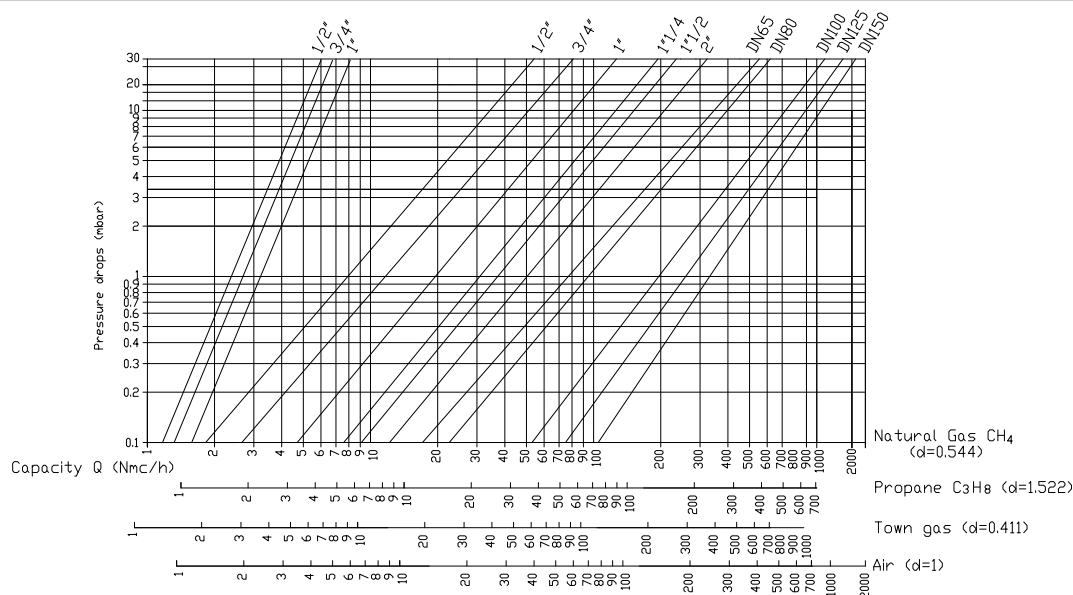
Complete Body:	Die - Cast Aluminium Gd - AlSi12Cu - EN AB 46100
Seals:	NBR
Approval:	97/23/CE (PED) 2009/142/CE(GAS) EN13611

Optional:
Test point - Screw - Peters plug - Manometer - DP clogging indicator

Model	mm			Kgs weight
	A	B	C	
GFD125	442.5	347.7	330.0	23.0
GFD150	442.5	347.7	330.0	21.0



FLOW CHART



Dis. 8034072b cod. 95-2-12-15-064

WARRANTY CERTIFICATE TO COMPILE AND SEND IN CASE OF DAMAGE

DEVICE: GAS FILTER SC ☐ mod.

GAS FILTER ☐ mod.

Serial number(s.n.)

DEALER

Stamp:

Date of purchase:

USER

Surname and name

Address

n°

City

Telephone

CAVAGNA INDUSTRIE

www.cavagnaindustrie.com

Tecnocontrol
CAVAGNA INDUSTRIE

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via Miglioli, n°47
20090 Segrate (MI) Italy
Tel. +39 02 26922890

geca
CAVAGNA INDUSTRIE

GECA Srl
via E.Fermi, n°98
25064 Gussago (BS) Italy
Tel. +39 030 3730218

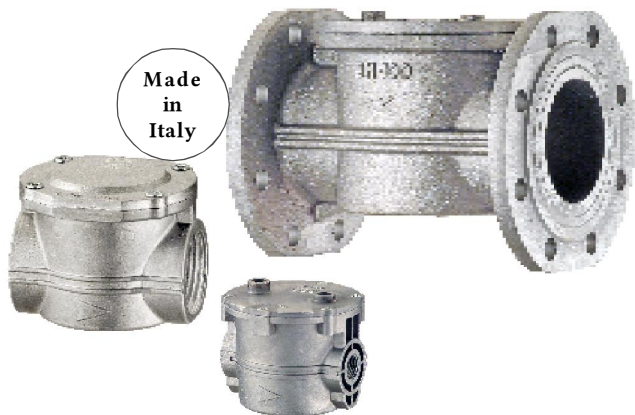
The manufacturer reserves the right to make any aesthetic or functional modifications without any prior notice and at any time.

CAVAGNA INDUSTRIE

Gas Filter

Italiano

Made
in
Italy



FILTRI GAS

GFD050-TPIO-10B



1 GF=GAS FILTER

2 ATTACCHI:
=Attacchi filettati
D=Attacchi flangiati

4 OPTIONAL:
SP= Tappi a vite
TPIO=Test Point IN/OUT

5 BAR:
= 6bar
-10B= 10bar

3 DIMENSIONI:

015SC = 1/2" Piccola capacità)
020SC = 3/4" Piccola capacità)
025SC= 1" Piccola capacità)
015 = 1/2"
020 = 3/4"
025= 1"
25= DN25
32= 1 1/4"
32= DN32
040= 1 1/2"
40= DN40
050= 2"
50= DN50
65= DN65
80= DN80
100= DN100
125= DN125
150= DN150

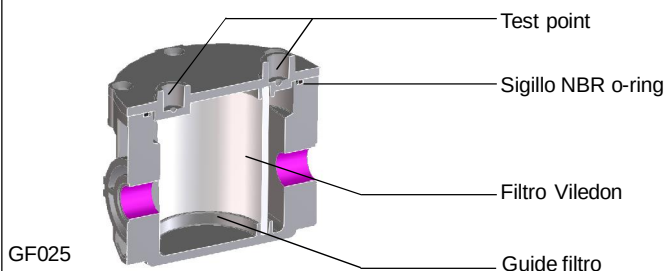
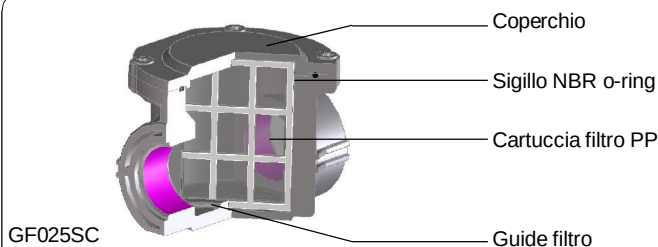
DESCRIZIONE GENERALE

Gas Filter sono progettati in conformità con le disposizioni della norma EN13611. L'elemento interno (cartuccia) è realizzato secondo la norma DIN3386. Può essere utilizzato per tutti i tipi di gas naturale, GPL o gas non corrosivi. Questi filtri sono ampiamente utilizzati per la protezione di dispositivi di controllo, regolatori di pressione contatori e su sistemi che richiedono un elevato grado di filtrazione. Tutti i coperchi dei filtri sono muniti di attacchi per la verifica della pressione d'ingresso e d'uscita. Tutte le operazioni devono essere effettuate da personale tecnico specializzato.

ETICHETTA

I *Gas Filter* hanno riportato sul proprio corpo un'etichetta con le caratteristiche del modello:

GF015 1/2" P-max 6 bar
Filtration degree 50micron
S/N 000037/14  0497



INSTALLAZIONE

Gas Filter devono essere montati lontano dagli intonaci mantenendo una distanza dal coperchio tale da permettere le operazioni di manutenzione.

Utilizzare una coppia di serraggio indicate dalla norma EN13611 non facendo leva sul corpo.

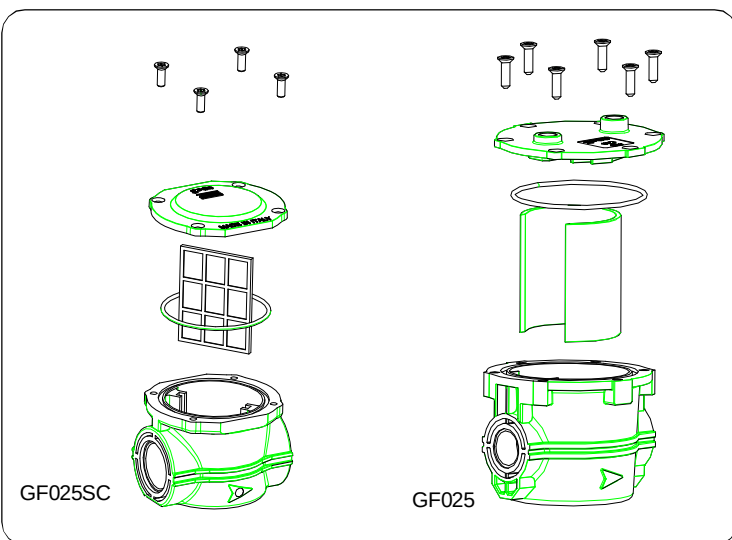
SOSTITUZIONE CARTUCCIA

Prima di ogni operazione di manutenzione, è necessario controllare che non vi sia pressione nell'impianto e che il *Gas Filter* sia intercettato a monte e a valle.

Svitare le viti del coperchio, rimuovere il coperchio, estrarre la cartuccia e sostituirla con una nuova. Riposizionare la cartuccia nella propria sede all'interno del corpo.

Verificare che la cartuccia sia inserita correttamente nelle proprie guide e rimontare il coperchio. Fissare il coperchio al corpo riavvitando le viti.

Eseguire una prova di tenuta dell'impianto.



CONDIZIONI GENERALI DI GARANZIA

IL PRESENTE CERTIFICATO E' L'UNICO DOCUMENTO CHE DA DIRITTO ALLA RIPARAZIONE DEL PRODOTTO IN GARANZIA

• Il rivelatore è GARANTITO per un periodo di 24 mesi dalla data di acquisto.

• Non sono coperti da GARANZIA eventuali danni derivati da manomissioni, uso ed installazione errati o impropri.

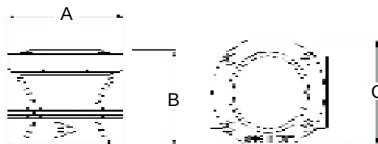
• La GARANZIA è valida solo se debitamente compilata, in caso di difetti coperti da GARANZIA, il produttore riparerà o sostituirà il prodotto gratuitamente.

PRESTAZIONE FUORI GARANZIA:

Trascorsi i termini o la durata della GARANZIA le eventuali riparazioni verranno addebitate in funzione alle parti sostituite e al costo della manodopera.

FILTRI GAS SC

Modello	mm			Kg Peso
	A	B	C	
GF015SC	72.0	60.0	65.0	0.221
GF020SC	72.0	60.0	65.0	0.212
GF025SC	72.0	60.0	65.0	0.199

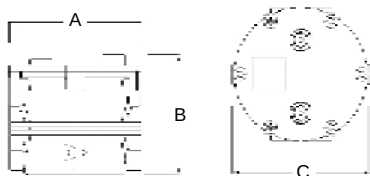


CARATTERISTICHE TECNICHE

Pressione max di funzionamento: 6bar or 10bar
 Temperatura di lavoro: -20°C +60°C
 Filtraggio: ≤50Micron
 Gas: Gas non aggressivi - Famiglia 1-2-3 e Aria - Versione speciale per Biogas
 Cartuccia: Cartuccia in plastica PP
 Attacchi: Gas Filettati 1/2" - 3/4" - 1" - ISO 228
 Corpo filtro: Alluminio pressofuso Gd - AISi12Cu - EN AB 46100
 Sigilli: NBR
 In accordo: 97/23/CE (PED)
 2009/142/CE(GAS)

FILTRI GAS

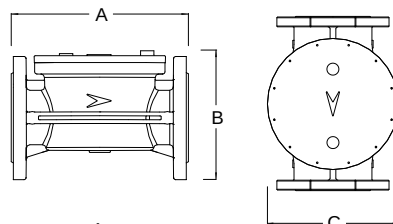
Modello	mm			Kg Peso
	A	B	C	
GF015	114.0	105.5	118.5	0.806
GF020	114.0	105.5	118.5	0.795
GF025	114.0	105.5	118.5	0.786
GF032	164.0	131.7	152.5	2.052
GF040	164.0	131.7	152.5	2.006
GF050	164.0	131.7	152.5	1.917



CARATTERISTICHE TECNICHE

Pressione max di funzionamento: 6bar or 10bar
 Temperatura di lavoro: -20°C +60°C
 Filtraggio: 50Micron
 Gas: Gas non aggressivi - Famiglia 1-2-3 e Aria
 Cartuccia: Cartuccia Viledon
 Ingresso-Uscita: Gas Filettati 1/2" - 3/4" - 1" - ISO 228
 Attacchi : DN25 - Sliding Aluminium flange PN10
 DN32-DN40-DN50 -Sliding Aluminium flange PN10
 Flanged PN16 - DN65-DN80-DN100-DN125-DN150

Modello	mm			Kg Peso
	A	B	C	
GFD65	240	180.0	185	4.4
GFD80	265	180.0	200.0	5.0
GFD100	265	210.0	220.0	5.8



Corpo filtro: Alluminio pressofuso Gd - AISi12Cu - EN AB 46100
 Sigilli: NBR
 In accordo: 97/23/CE (PED)
 2009/142/CE(GAS)

Optional:
 Test point-NPT 1/4" - Screw -NPT 1/4" - Peters plug - Manometer - DP clogging indicator

Modello	mm			Kg Peso
	A	B	C	
GFD125	442.5	347.7	330.0	23.0
GFD150	442.5	347.7	330.0	21.0

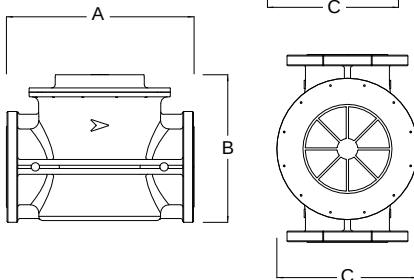
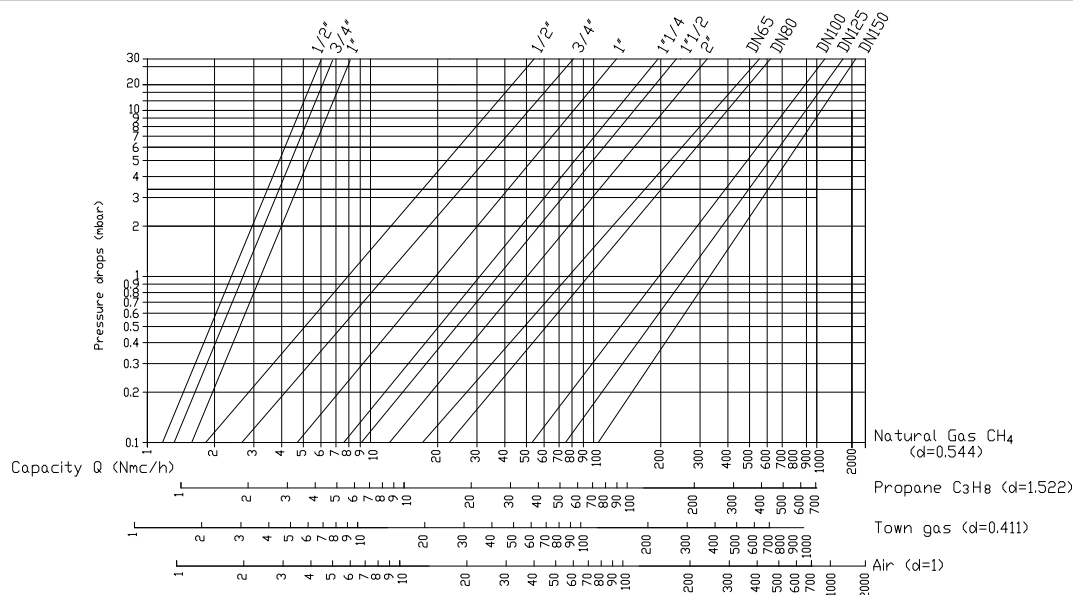


DIAGRAMMA PERDITE DI CARICO



CERTIFICATO DI GARANZIA

DA COMPILARE E SPEDIRE IN CASO DI GUASTO

APPARECCHIO: GAS FILTER SC ☐ mod. GAS FILTER ☐ mod.

Numero di serie(s.n.)

RIVENDITORE

Timbro:

Date of purchase:

UTILIZZATORE

Nome e Cognome

Indirizzo n°

CAP Città

Telefono

CAVAGNA INDUSTRIE

www.cavagnaindustrie.com

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 Tel. +39 030 3730218

La ditta costruttrice si riserva il diritto di apportare qualsiasi modifica, estetica o funzionale, senza preavviso alcuno ed in qualsiasi momento.