

F+L, FIL, MFIL, CFIL

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93

filtro separatore G1/4"

G1/4" filter-water-separator

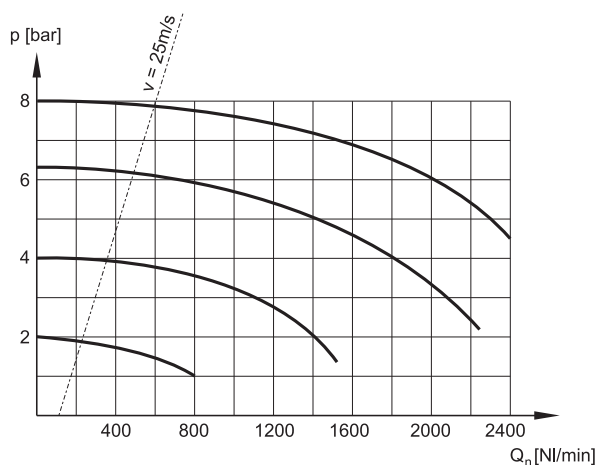


- Sistema di funzionamento: gruppo ciclone ed elemento filtrante
Cyclone system and filter element
- Separazione condensa: > 90%
Moisture separation: > 90%
- Scarico semiautomatico della condensa
Semi-automatic moisture exhaust
- Capacità della tazza: 12 cm³
Bowl capacity: 12 cm³
- Protezione in plastica della tazza a richiesta (cod. PR 2-00)
Plastic bowl protection on request (code PR 2-00)
- Installazione verticale
Vertical installation



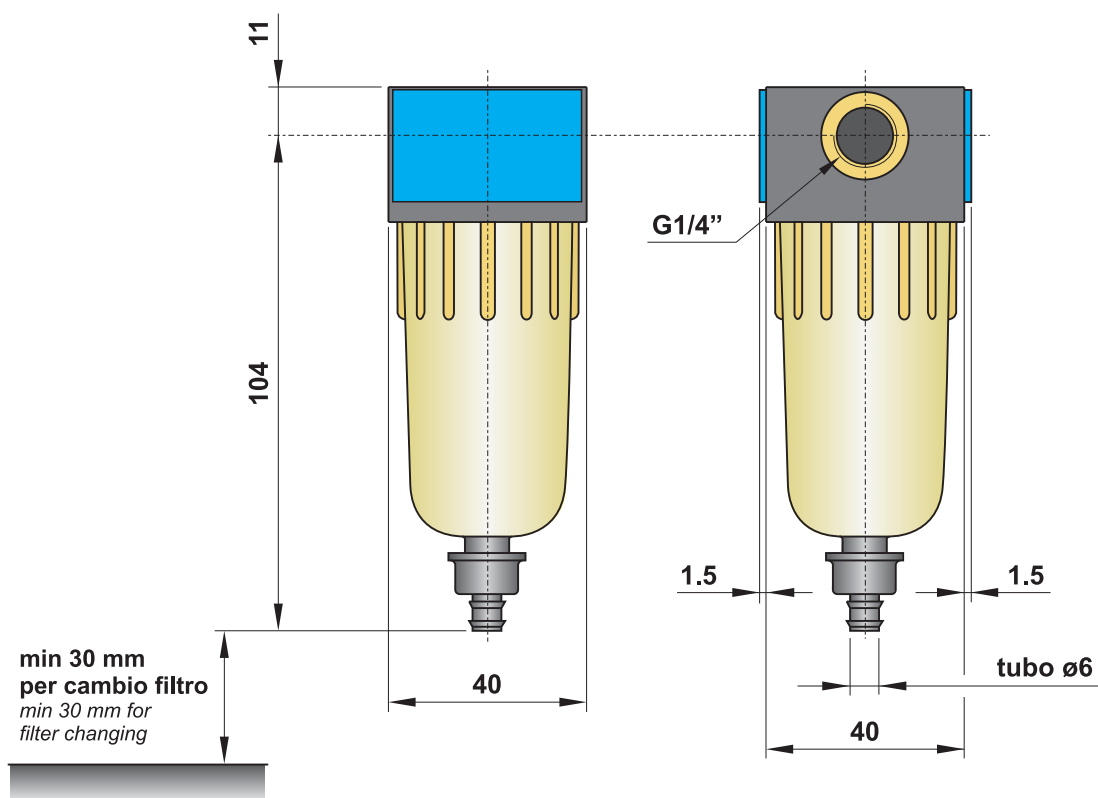
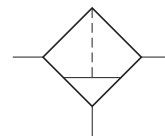
CODICE DI ORDINAZIONE ORDER CODE		FIL 2-25-S	FIL 2-05-S
Attacchi Parts		G1/4"	G1/4"
Temperatura di esercizio Temperature range		max +50°C	max +50°C
Peso Weight		0.1 kg	0.1 kg
Pressione di esercizio Working pressure range	p _{min} p _{max}	0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 10 bar; 1 MPa
Portata raccomandata Recommended flow rate	p = 6.3 bar a 25 m/s p = 6.3 bar at 25 m/s	550 NI/min (max 1830 NI/min)	550 NI/min (max 1830 NI/min)
Elemento filtrante Filter element		25 µm	5 µm

Caratteristiche di portata
Flow characteristics



filtro separatore G1/4"

G1/4" filter-water-separator



Materiali

Corpo: polimero rinforzato con inserti filettati in ottone

Guarnizioni: NBR

Parti interne: ottone, INOX e polimeri

Tazza: policarbonato rinforzato

Materials

Body: reinforced polymer with brass thread inserts

Seals: NBR

Internal parts: brass, stainless steel and polymer

Bowl: reinforced polycarbonate

filtro separatore G3/8"

G3/8" filter-water-separator

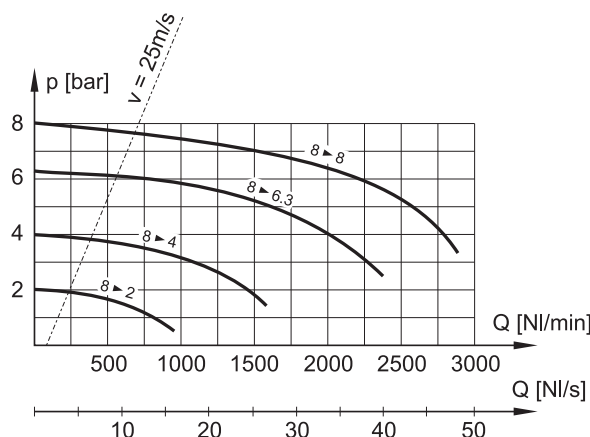


- Sistema di funzionamento: gruppo ciclone ed elemento filtrante
Cyclone system and filter element
- Separazione condensa: > 90%
Moisture separation: > 90%
- Scarico della condensa semiautomatico o automatico
Semi-automatic or automatic moisture exhaust
- Capacità della tazza: 22 cm³
Bowl capacity: 22 cm³
- Installazione verticale; staffa di fissaggio a richiesta (cod. STF 3)
Vertical installation; bracket on request (code STF 3)
- Protezione metallica della tazza a richiesta (cod. PR 3-00)
Metal bowl protection on request (code PR 3-00)



CODICE DI ORDINAZIONE ORDER CODE			FIL 3-30-S	FIL 3-30-A	FIL 3-05-S
Attacchi Ports			G3/8"	G3/8"	G3/8"
Scarico della condensa Moisture exhaust			semiautomatico semi-automatic	automatico automatic	semiautomatico semi-automatic
Temperatura di esercizio Temperature range			max +50°C	max +50°C	max +50°C
Peso Weight			0.25 kg	0.25 kg	0.25 kg
Pressione di esercizio Working pressure range		p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata raccomandata Recommended flow rate	$p = 6 \text{ bar a } 25 \text{ m/s}$ $p = 6 \text{ bar at } 25 \text{ m/s}$	Q_n	850 NI/min	850 NI/min	850 NI/min
Portata massima Maximum flow rate	$p = 6.3 \text{ bar; } \Delta p = 1 \text{ bar}$	Q_{max}	1520 NI/min	1520 NI/min	1520 NI/min
Elemento filtrante Filter element			30 μm	30 μm	5 μm

Caratteristiche di portata
Flow characteristics

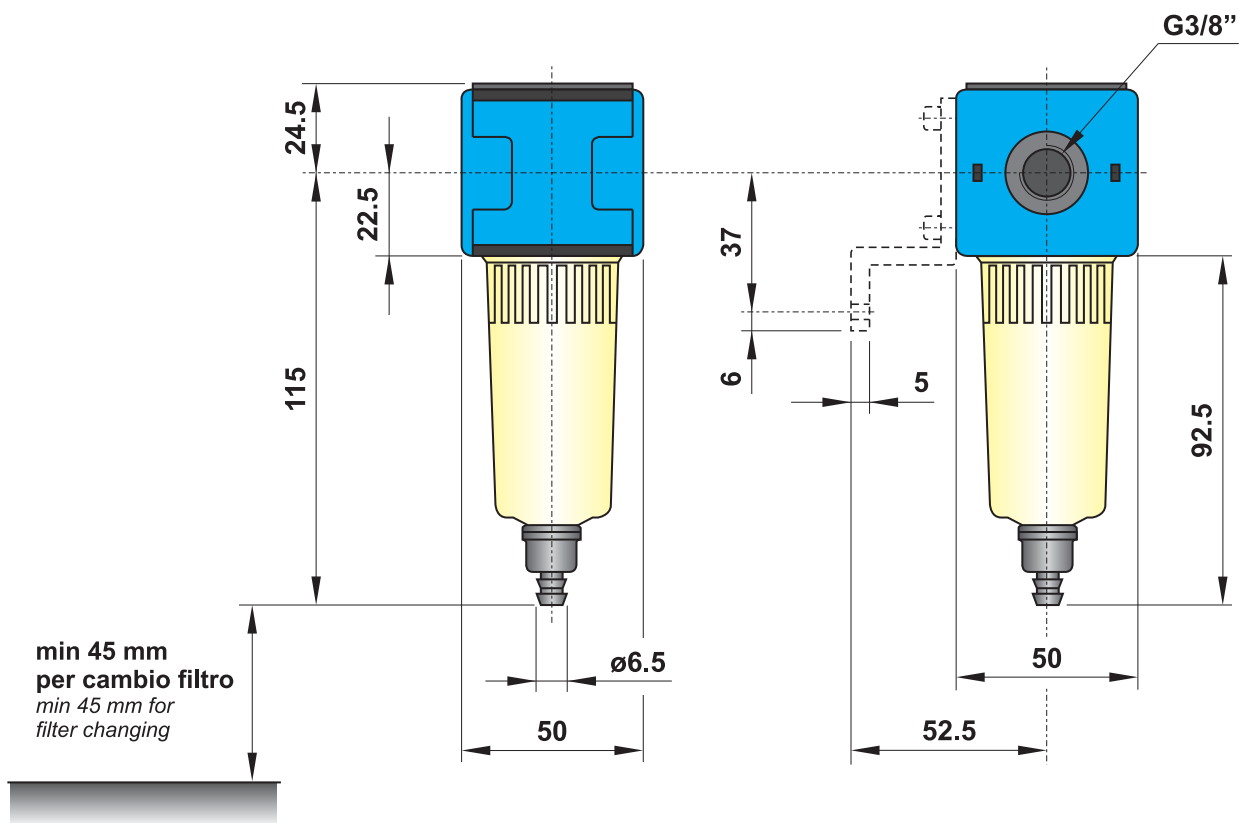
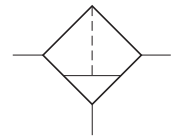


filtro separatore G3/8"

G3/8" filter-water-separator



La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.



Materiali

Corpo: alluminio pressofuso

Guarnizioni: NBR

Parti interne: ottone e INOX

Parti esterne: polimeri rinforzati

Tazza: policarbonato rinforzato

Materials

Body: die-cast aluminium

Seals: NBR

Internal parts: brass and stainless steel

External parts: reinforced polymer

Bowl: reinforced polycarbonate

filtro separatore G1/2"

G1/2" filter-water-separator

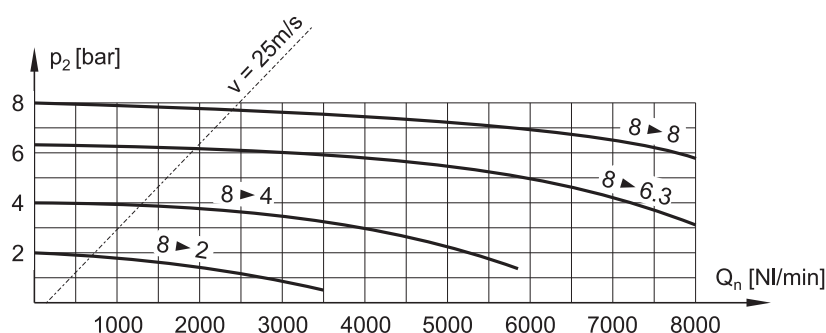


- Sistema di funzionamento: gruppo ciclone ed elemento filtrante
Cyclone system and filter element
- Separazione condensa: 95%
Moisture separation: 95%
- Scarico della condensa semiautomatico o automatico
Semi-automatic or automatic moisture exhaust
- Capacità della tazza: 57 cm³
Bowl capacity: 57 cm³
- Installazione verticale; staffa di fissaggio a richiesta (cod. STF 4)
Vertical installation; bracket on request (code STF 4)
- Protezione metallica della tazza a richiesta (cod. PR 4-00)
Metal bowl protection on request (code PR 4-00)



CODICE DI ORDINAZIONE ORDER CODE		FIL 4-30-S	FIL 4-30-A	FIL 4-05-S
Attacchi Ports		G1/2"	G1/2"	G1/2"
Scarico della condensa Moisture exhaust		semiautomatico semi-automatic	automatico automatic	semiautomatico semi-automatic
Temperatura di esercizio Temperature range		max +50°C	max +50°C	max +50°C
Peso Weight		0.55 kg	0.55 kg	0.55 kg
Pressione di esercizio Working pressure range	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata raccomandata Recommended flow rate	$p = 6 \text{ bar a } 25 \text{ m/s}$ $p = 6 \text{ bar at } 25 \text{ m/s}$	Q_n 1900 NI/min	1900 NI/min	1900 NI/min
Portata massima Maximum flow rate	$p = 6.3 \text{ bar; } \Delta p = 1 \text{ bar}$	Q_{max} 5000 NI/min	5000 NI/min	5000 NI/min
Elemento filtrante Filter element		30 μm	30 μm	5 μm

Caratteristiche di portata
Flow characteristics

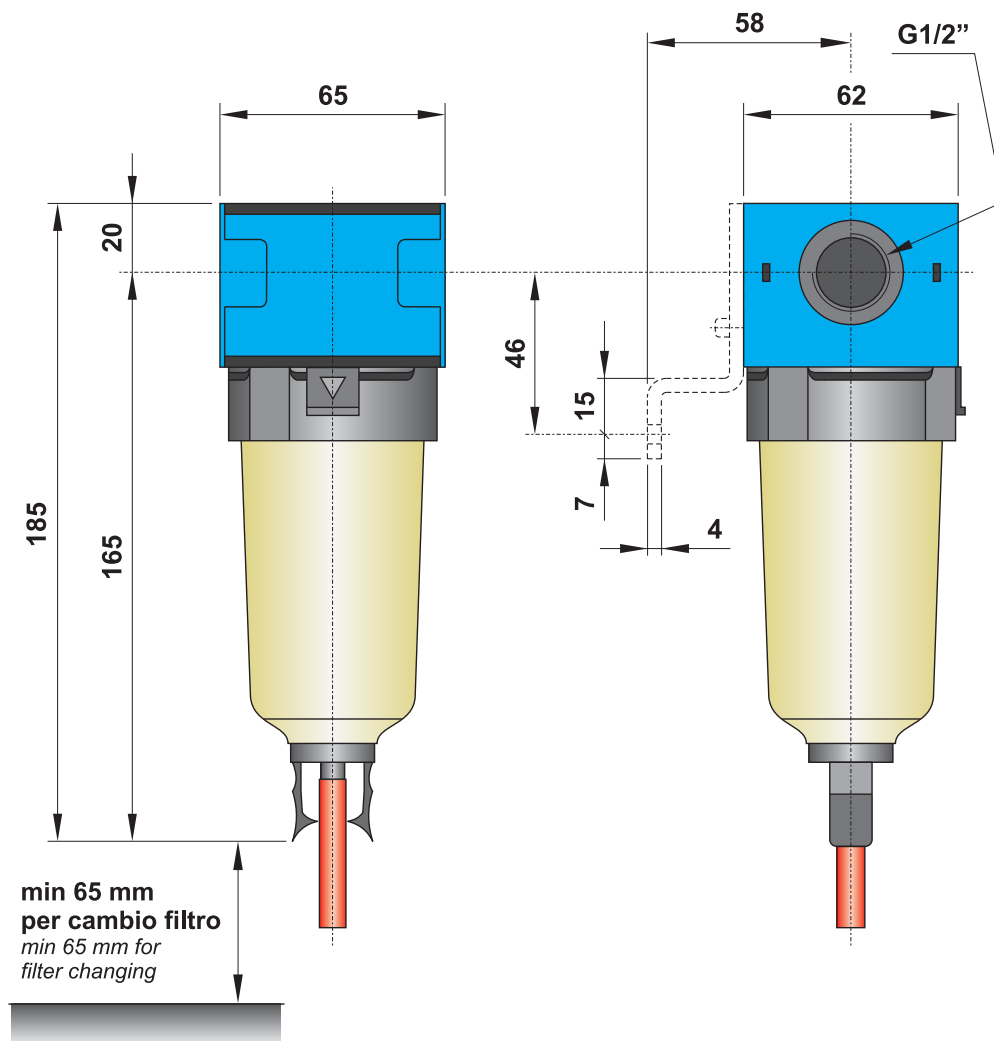
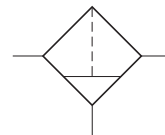


filtro separatore G1/2"

G1/2" filter-water-separator



La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.



Materiali

Corpo: alluminio pressofuso

Guarnizioni: NBR

Parti interne: ottone e INOX

Parti esterne: polimeri rinforzati

Tazza: policarbonato rinforzato

Materials

Body: die-cast aluminium

Seals: NBR

Internal parts: brass and stainless steel

External parts: reinforced polymer

Bowl: reinforced polycarbonate

filtro separatore G1"

G1" filter-water-separator

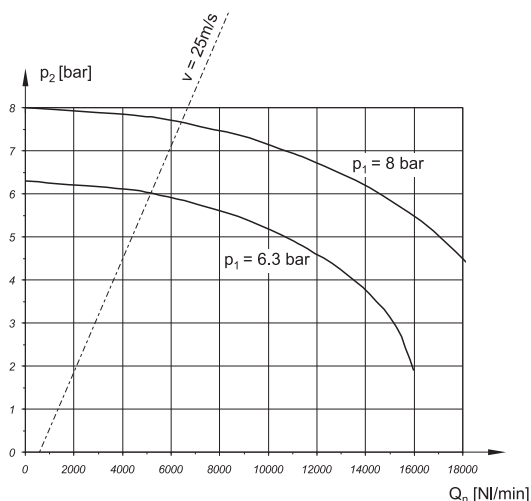


- Sistema di funzionamento: gruppo ciclone ed elemento filtrante
Cyclone system and filter element
- Separazione condensa: 96%
Moisture separation: 96%
- Scarico della condensa semiautomatico o automatico
Semi-automatic or automatic moisture exhaust
- Capacità della tazza: 130 cm³
Bowl capacity: 130 cm³
- Installazione verticale; staffe di fissaggio a richiesta (cod. STF 6N)
Vertical installation; brackets on request (code STF 6N)
- Tazza metallica
Metal bowl

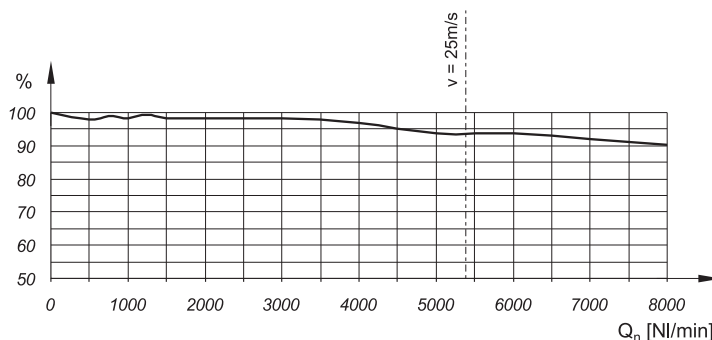


CODICE DI ORDINAZIONE ORDER CODE		FIL 6N-30-S	FIL 6N-30-A	FIL 6N-05-S
Attacchi Ports		G1"	G1"	G1"
Scarico della condensa Moisture exhaust		semiautomatico semi-automatic	automatico automatic	semiautomatico semi-automatic
Temperatura di esercizio Temperature range		max +50°C	max +50°C	max +50°C
Peso Weight		0.9 kg	0.9 kg	0.9 kg
Pressione di esercizio Working pressure range	p_{min} p_{max}	0 bar; 0 MPa 17.5 bar; 1.75 MPa	0 bar; 0 MPa 17.5 bar; 1.75 MPa	0 bar; 0 MPa 17.5 bar; 1.75 MPa
Portata massima Maximum flow rate	$p = 6.3 \text{ bar}; \Delta p = 1 \text{ bar}$ Q_{max}	10000 NI/min	10000 NI/min	10000 NI/min
Elemento filtrante Filter element		30 μm	30 μm	5 μm

Caratteristiche di portata
Flow characteristics



Grado di separazione condensa con $p_1 = 6.3 \text{ bar}$ costante
Moisture separation with $p_1 = 6.3 \text{ bar}$ constant

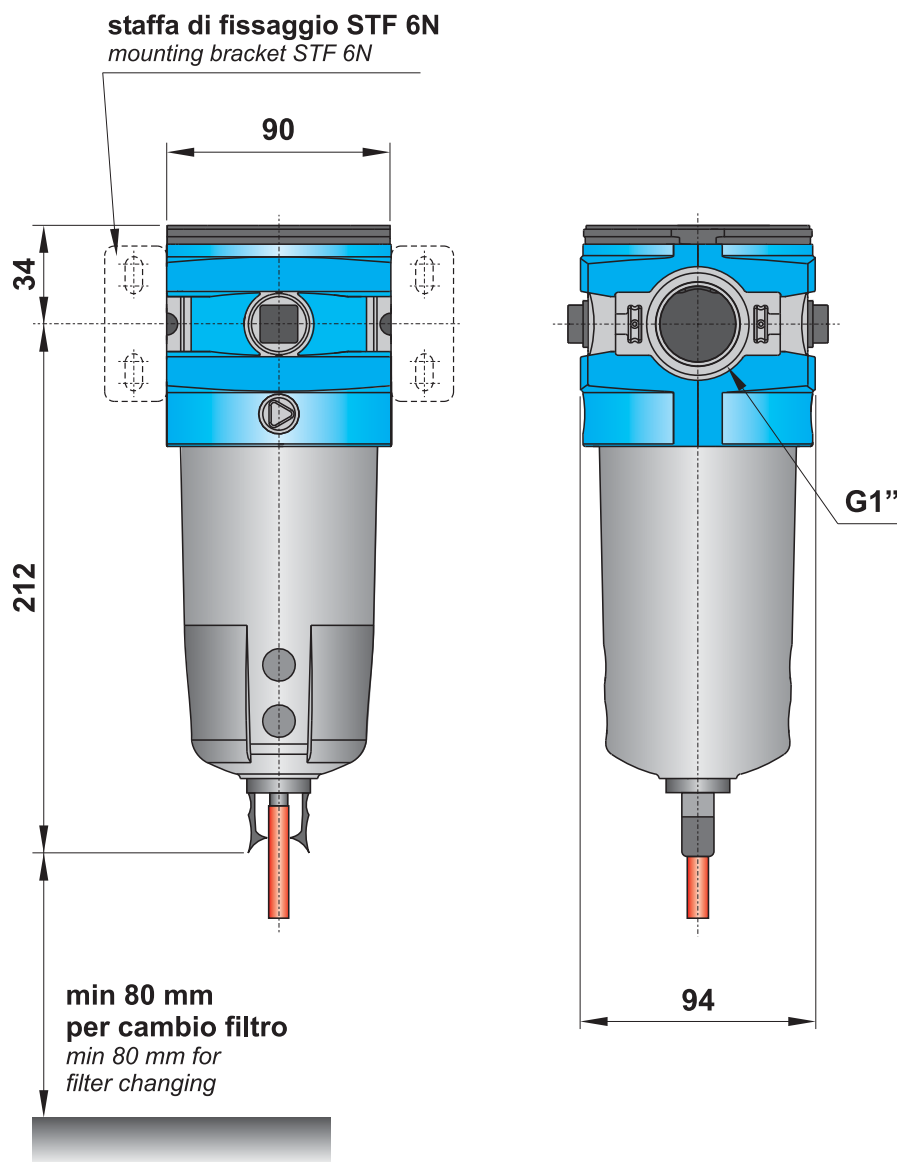
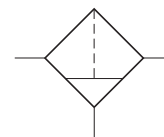


filtro separatore G1"

G1" filter-water-separator



Le staffe di fissaggio devono essere acquistate separatamente.
Mounting brackets are bought separately.



Materiali

Corpo: alluminio pressofuso

Guarnizioni: NBR

Parti interne: ottone e INOX

Parti esterne: polimeri rinforzati

Tazza: metallica

Materials

Body: die-cast aluminium

Seals: NBR

Internal parts: brass and stainless steel

External parts: reinforced polymer

Bowl: metal

microfiltri-depuratori

sub-micro-filters



- Elementi filtranti speciali ad altissime prestazioni
Special filter elements with very high performances
- Grado di filtrazione: 99.999%
Degree of filtration: 99.999%
- Olio residuo: 0.01 mg/m³ (concentrazione in entrata: 3 mg/m³)
Residual oil: 0.01 mg/m³ (input concentration: 3 mg/m³)
- Scarico manuale della condensa
Manual moisture exhaust
- Installazione verticale
Vertical installation
- Protezione metallica della tazza a richiesta
Metal bowl protection on request



Materiali

Corpo: alluminio pressofuso (per G1/4": polimero rinforzato)

Guarnizioni: NBR

Parti interne: ottone e INOX

Parti esterne: polimeri rinforzati

Tazza: policarbonato rinforzato

Materials

Body: die-cast aluminium (for G1/4": reinforced polymer)

Seals: NBR

Internal parts: brass and stainless steel

External parts: reinforced polymer

Bowl: reinforced polycarbonate

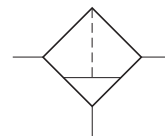
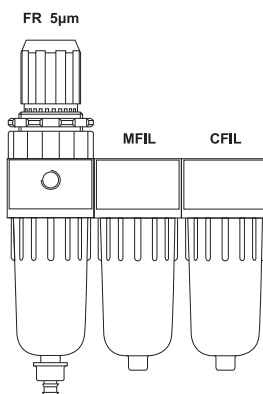
CODICE DI ORDINAZIONE ORDER CODE		MFIL 2-S	MFIL 3-S	MFIL 4-S	MFIL 6N-S
Attacchi Ports		G1/4"	G3/8"	G1/2"	G1"
Temperatura di esercizio Temperature range		max +50°C	max +50°C	max +50°C	max +50°C
Peso Weight		0.1 kg	0.3 kg	0.6 kg	1.5 kg
Pressione di esercizio Working pressure range	p_{min} p_{max}	0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 12 bar; 1.2 MPa
Portata raccomandata Recommended flow rate	$p = 6 \text{ bar a } 25 \text{ m/s}$ $p = 6 \text{ bar at } 25 \text{ m/s}$	Q_n 350 NI/min	580 NI/min	1070 NI/min	3850 NI/min
Caduta di pressione a filtro nuovo Pressure drop with new filter element		0.1 bar	0.1 bar	0.1 bar	0.1 bar
Caduta di pressione a filtro saturo Pressure drop with saturated filter element		0.3 bar	0.3 bar	0.3 bar	0.3 bar

Procedura per l'installazione

Per favorire la durata degli elementi filtranti raccomandiamo di installare, in serie, un filtro-regolatore da 5 μ m, un microfiltro e un filtro a carbone attivo.

Installation procedure

To increase the life span of the filter elements, we recommend the installation in the following order: filter with 5 μ m degree, sub-micro-filter and activated carbon filter.



G1/4"	G3/8"	G1/2"	G1"
min 50 mm per cambio filtro min 50 mm for filter changing	min 70 mm per cambio filtro min 70 mm for filter changing	min 120 mm per cambio filtro min 120 mm for filter changing	34 304 min 85 mm per cambio filtro min 85 mm for filter changing

Per le altre dimensioni si vedano le pagine dei filtri corrispondenti (G1/4": pag. 676; G3/8": pag. 678; G1/2": pag. 680; G1": pag. 682).

For other dimensions refer to the corresponding filters (G1/4": page 676; G3/8": page 678; G1/2": page 680; G1": page 682).

filtri a carbone attivo

activated carbon filters



- Elementi filtranti speciali a carbone attivo
Activated carbon filter elements
- Olio residuo: 0.003 p.p.m. in combinazione con microfiltro
Residual oil: 0.003 p.p.m. in combination with sub-micro-filter
- Scarico manuale della condensa
Manual moisture exhaust
- Installazione verticale
Vertical installation
- Protezione metallica della tazza a richiesta
Metal bowl protection on request



Materiali

Corpo: alluminio pressofuso (per G1/4": polimero rinforzato)

Guarnizioni: NBR

Parti interne: ottone e INOX

Parti esterne: polimeri rinforzati

Tazza: policarbonato rinforzato

Materials

Body: die-cast aluminium (for G1/4": reinforced polymer)

Seals: NBR

Internal parts: brass and stainless steel

External parts: reinforced polymer

Bowl: reinforced polycarbonate

CODICE DI ORDINAZIONE ORDER CODE			CFIL 2-S	CFIL 3-S	CFIL 4-S	CFIL 6N-S
Attacchi Ports			G1/4"	G3/8"	G1/2"	G1"
Temperatura di esercizio Temperature range			max +40°C	max +40°C	max +40°C	max +40°C
Peso Weight			0.1 kg	0.3 kg	0.6 kg	1.5 kg
Pressione di esercizio Working pressure range	p_{min} p_{max}		0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 10 bar; 1 MPa	0 bar; 0 MPa 12 bar; 1.2 MPa
Portata raccomandata Recommended flow rate	$p = 6 \text{ bar a } 25 \text{ m/s}$ $p = 6 \text{ bar at } 25 \text{ m/s}$	Q_n	350 NI/min	580 NI/min	1070 NI/min	3850 NI/min
Caduta di pressione a filtro nuovo Pressure drop with new filter element			0.1 bar	0.1 bar	0.1 bar	0.1 bar
Caduta di pressione a filtro saturo Pressure drop with saturated filter element			0.3 bar	0.3 bar	0.3 bar	0.3 bar

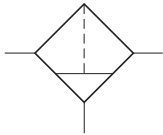
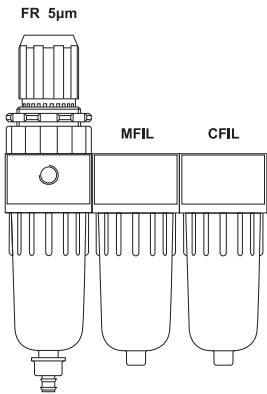


Procedura per l'installazione

Per favorire la durata degli elementi filtranti raccomandiamo di installare, in serie, un filtro-regolatore da 5 μ m, un microfiltro e un filtro a carbone attivo.

Installation procedure

To increase the life span of the filter elements, we recommend the installation in the following order: filter with 5 μ m degree, sub-micro-filter and activated carbon filter.



G1/4"	G3/8"	G1/2"	G1"
min 50 mm per cambio filtro min 50 mm for filter changing	min 70 mm per cambio filtro min 70 mm for filter changing	min 120 mm per cambio filtro min 120 mm for filter changing	34 304 min 85 mm per cambio filtro min 85 mm for filter changing

Per le altre dimensioni si vedano le pagine dei filtri corrispondenti (G1/4": pag. 676; G3/8": pag. 678; G1/2": pag. 680; G1": pag. 682).
For other dimensions refer to the corresponding filters (G1/4": page 676; G3/8": page 678; G1/2": page 680; G1": page 682).

filtro separatore G1/2"-G3/4"

G1/2"-G3/4" filter-water-separator

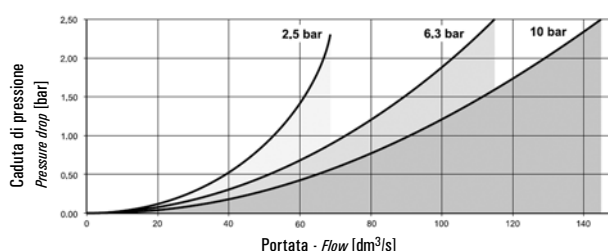


- Sistema di funzionamento: gruppo ciclone ed elemento filtrante
Cyclone system and filter element
- Separazione condensa: 95%
Moisture separation: 95%
- Scarico della condensa semiautomatico o automatico
Semi-automatic or automatic moisture exhaust
- Capacità della tazza: 60 cm³
Bowl capacity: 60 cm³
- Installazione verticale; staffa di fissaggio a richiesta (cod. STF 4N)
Vertical installation; bracket on request (code STF 4N)
- Protezione della tazza di serie
Bowl protection already mounted



CODICE DI ORDINAZIONE ORDER CODE		G1/2": FIL 4N-05-S G3/4": FIL 5N-05-S	G1/2": FIL 4N-05-A G3/4": FIL 5N-05-A
Attacchi Ports		G1/2" G3/4"	G1/2" G3/4"
Scarico della condensa Moisture exhaust		semiautomatico semi-automatic	automatico automatic
Temperatura di esercizio Temperature range		-10 ... +50°C	-10 ... +50°C
Peso Weight		0.32 kg	0.32 kg
Pressione di esercizio Working pressure range	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata raccomandata Recommended flow rate	$p = 6 \text{ bar a } 25 \text{ m/s}$ $p = 6 \text{ bar at } 25 \text{ m/s}$	Q_n 3300 NI/min	Q_n 3300 NI/min
Portata massima Maximum flow rate	$p = 6.3 \text{ bar; } \Delta p = 1 \text{ bar}$	Q_{max} 5700 NI/min	Q_{max} 5700 NI/min
Elemento filtrante Filter element		5 μm	5 μm

Caratteristiche di portata
Flow characteristics



filtro separatore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" filter-water-separator



- Sistema di funzionamento: gruppo ciclone ed elemento filtrante
Cyclone system and filter element

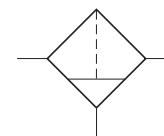
- Separazione condensa: 95%
Moisture separation: 95%

- Scarico della condensa semiautomatico
Semi-automatic moisture exhaust

- Installazione verticale; staffa di fissaggio a richiesta
Vertical installation; bracket on request

- Protezione della tazza di serie
Bowl protection already mounted

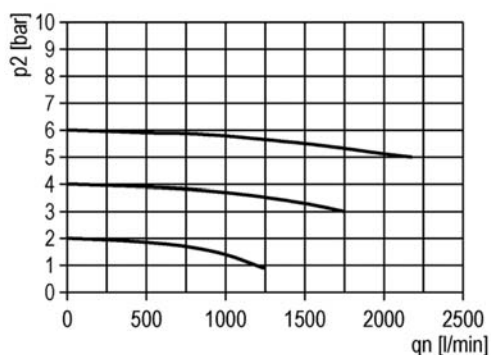
- A richiesta disponibile con filetti NPT
On request available with NPT threads



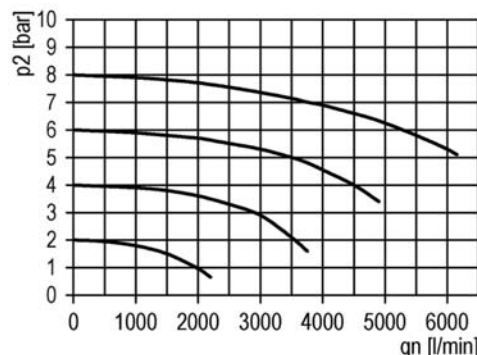
CODICE DI ORDINAZIONE ORDER CODE	scarico semiautomatico semi-automatic moisture exhaust		FIL 2K-05-S 16.302.0	FIL 3K-05-S 16.342.0	FIL 4K-05-S 16.322.0
	scarico automatico automatic moisture exhaust		FIL 2K-05-A 16.100.3	FIL 3K-05-A 16.101.3	FIL 4K-05-A 16.102.3
Attacchi Ports			G1/4"	G3/8"	G1/2"
Temperatura di esercizio Temperature range			0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso Weight			0.25 kg	0.25 kg	0.4 kg
Pressione di esercizio Working pressure range	p _{min} p _{max}		1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Portata massima Maximum flow rate	p = 6.3 bar; Δp = 1 bar Q _{max}		2000 l/min	2000 l/min	3500 l/min
Elemento filtrante Filter element			5 μm	5 μm	5 μm

Caratteristiche di portata
Flow characteristics

G1/4"-G3/8"



G1/2"



filtro separatore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" filter-water-separator

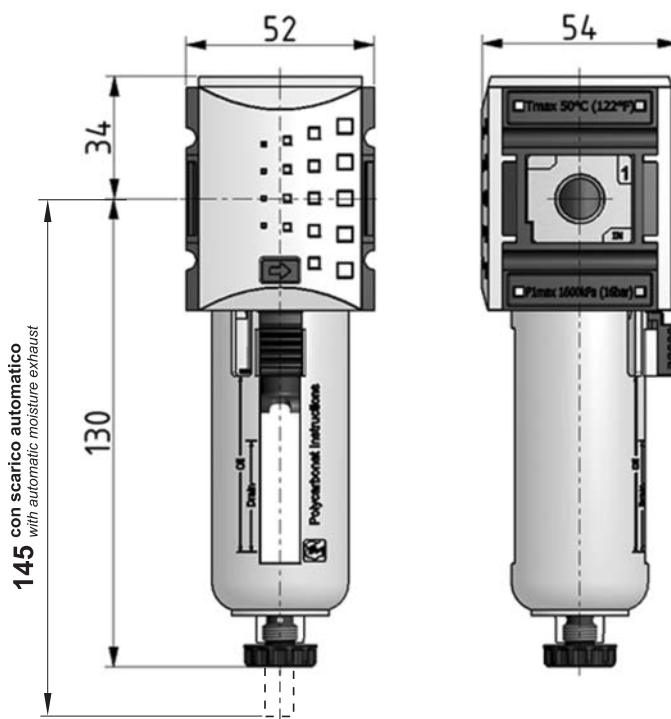


FIL 2K-05-S

FIL 2K-05-A

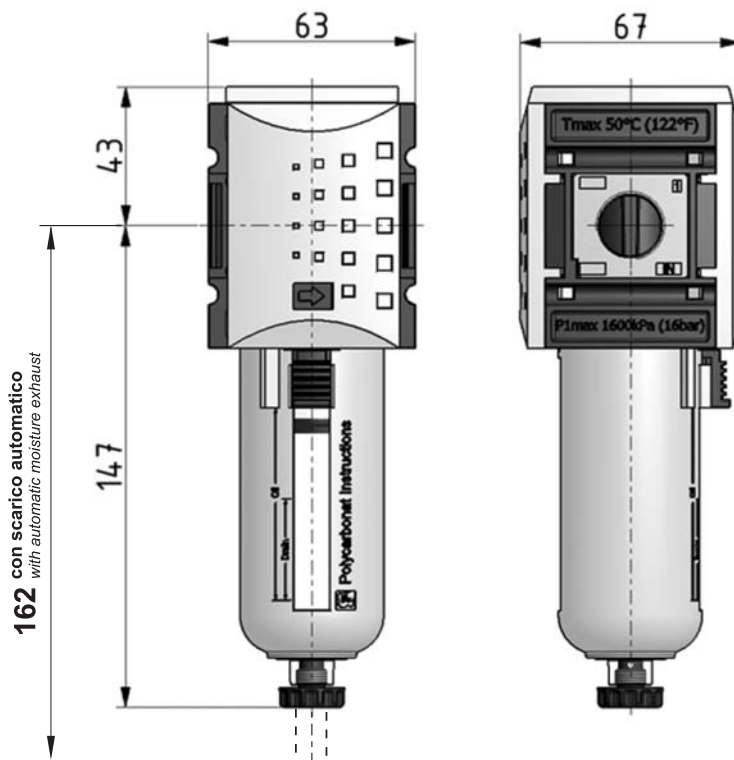
FIL 3K-05-S

FIL 3K-05-A



FIL 4K-05-S

FIL 4K-05-A



Materiali

Corpo: tecnopolimero

Guarnizioni: NBR

Parti interne: ottone e INOX

Tazza interna: polycarbonato

Protezione tazza: poliammide

Materials

Body: technopolymer

Seals: NBR

Internal parts: brass and stainless steel

Internal bowl: polycarbonate

Bowl protection: polyamide

La staffa di fissaggio deve essere acquistata separatamente.

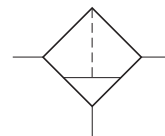
Mounting bracket is bought separately.

microfiltro-depuratore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" sub-micro-filter



- Elementi filtranti speciali ad altissime prestazioni
Special filter elements with very high performances
- Grado di filtrazione: 99.999%
Degree of filtration: 99.999%
- Olio residuo: 0.01 mg/m³ (concentrazione in entrata: 3 mg/m³)
Residual oil: 0.01 mg/m³ (input concentration: 3 mg/m³)
- Installazione verticale
Vertical installation
- Protezione della tazza di serie. A richiesta disponibile con filetti NPT
Bowl protection already mounted. On request available with NPT threads



Materiali

Corpo: tecnopolimero

Guarnizioni: NBR

Parti interne: ottone e INOX

Tazza interna: policarbonato

Protezione tazza: poliammide

Materials

Body: technopolymer

Seals: NBR

Internal parts: brass and stainless steel

Internal bowl: polycarbonate

Bowl protection: polyamide

La staffa di fissaggio deve essere acquistata separatamente.

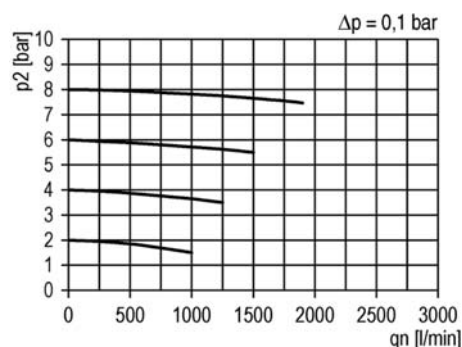
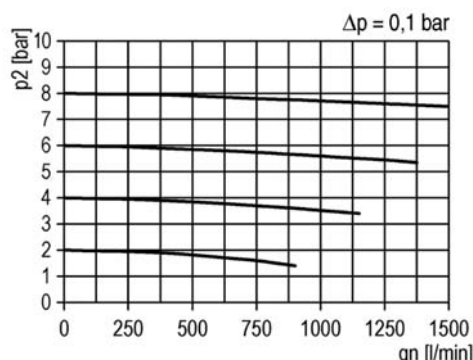
Mounting bracket is bought separately.

CODICE DI ORDINAZIONE ORDER CODE		MFIL 2K-S 16.306.0	MFIL 3K-S 16.346.0	MFIL 4K-S 16.326.0
Attacchi Ports		G1/4"	G3/8"	G1/2"
Temperatura di esercizio Temperature range		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso Weight		0.29 kg	0.29 kg	0.44 kg
Pressione di esercizio Working pressure range	p_{min} p_{max}	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa
Portata raccomandata Recommended flow rate	Q_n	350 l/min	350 l/min	450 l/min
Caduta di pressione a filtro nuovo Pressure drop with new filter element		0.1 bar	0.1 bar	0.1 bar
Caduta di pressione a filtro saturo Pressure drop with saturated filter element		0.3 bar	0.3 bar	0.3 bar

G1/4"-G3/8"

Caratteristiche di portata
Flow characteristics

G1/2"



microfiltro-depuratore G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" sub-micro-filter

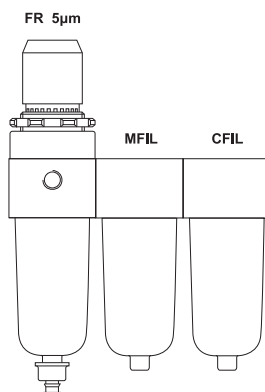


Procedura per l'installazione

Per favorire la durata degli elementi filtranti raccomandiamo di installare, in serie, un filtro-regolatore da 5 µm, un microfiltro e un filtro a carbone attivo.

Installation procedure

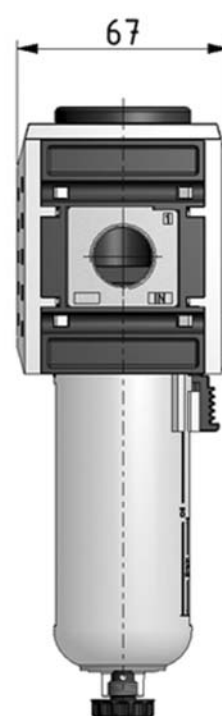
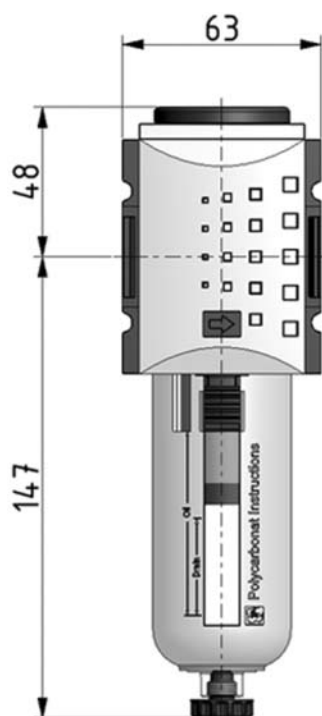
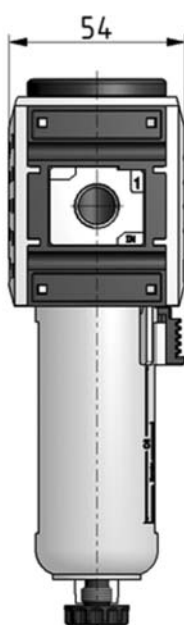
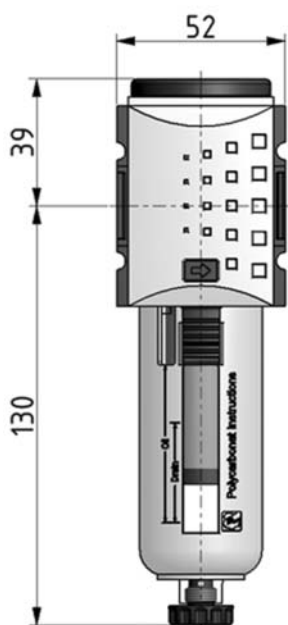
To increase the life span of the filter elements, we recommend the installation in the following order: filter with 5 µm degree, sub-micro-filter and activated carbon filter.



MFIL 2K-S

MFIL 3K-S

MFIL 4K-S

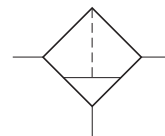


filtro a carbone attivo G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" activated carbon filter



- Elementi filtranti speciali a carbone attivo
Activated carbon filter elements
- Olio residuo: 0.003 p.p.m. in combinazione con microfiltro
Residual oil: 0.003 p.p.m. in combination with sub-micro-filter
- Installazione verticale
Vertical installation
- Protezione della tazza di serie. A richiesta disponibile con filetti NPT
Bowl protection already mounted. On request available with NPT threads



Materiali

Corpo: tecnopolimero

Guarnizioni: NBR

Parti interne: ottone e INOX

Tazza interna: policarbonato

Protezione tazza: poliammide

Materials

Body: technopolymer

Seals: NBR

Internal parts: brass and stainless steel

Internal bowl: polycarbonate

Bowl protection: polyamide

La staffa di fissaggio deve essere acquistata separatamente.

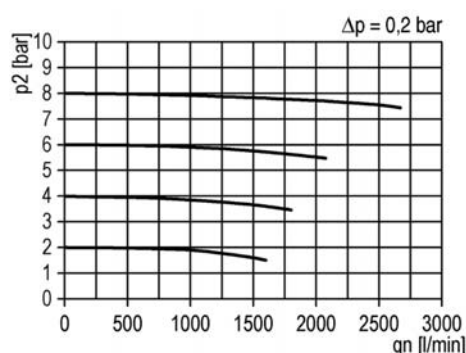
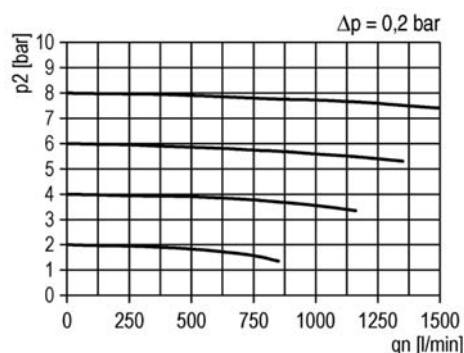
Mounting bracket is bought separately.

CODICE DI ORDINAZIONE ORDER CODE		CFIL 2K-S 16.307.0	CFIL 3K-S 16.347.0	CFIL 4K-S 16.327.0
Attacchi Ports		G1/4"	G3/8"	G1/2"
Temperatura di esercizio Temperature range		0 ... +50°C	0 ... +50°C	0 ... +50°C
Peso Weight		0.26 kg	0.26 kg	0.42 kg
Pressione di esercizio Working pressure range	p_{min} p_{max}	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa	0 bar; 0 MPa 16 bar; 1.6 MPa
Portata raccomandata Recommended flow rate	Q_n	500 NI/min	500 NI/min	1600 NI/min
Caduta di pressione a filtro nuovo Pressure drop with new filter element		0.1 bar	0.1 bar	0.1 bar
Caduta di pressione a filtro saturo Pressure drop with saturated filter element		0.3 bar	0.3 bar	0.3 bar

G1/4"-G3/8"

Caratteristiche di portata
Flow characteristics

G1/2"



filtro a carbone attivo G1/4"-G3/8"-G1/2"

G1/4"-G3/8"-G1/2" activated carbon filter

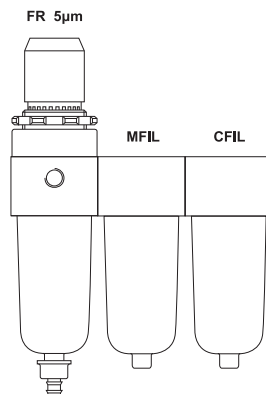


Procedura per l'installazione

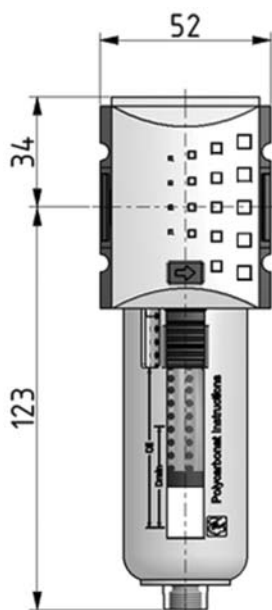
Per favorire la durata degli elementi filtranti raccomandiamo di installare, in serie, un filtro-regolatore da 5 µm, un microfiltro e un filtro a carbone attivo.

Installation procedure

To increase the life span of the filter elements, we recommend the installation in the following order: filter with 5 µm degree, sub-micro-filter and activated carbon filter.



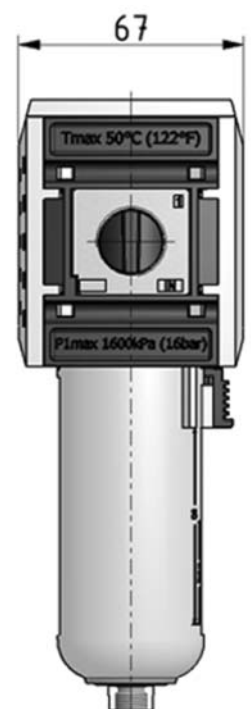
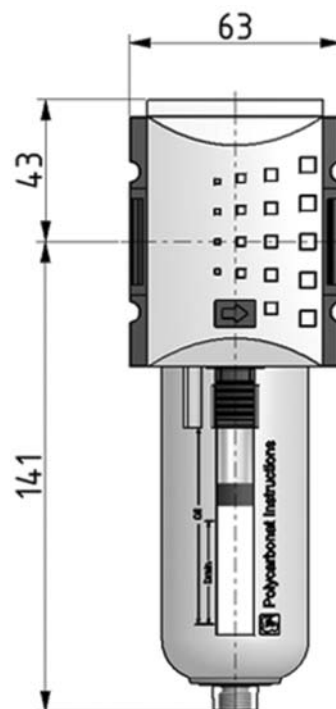
CFIL 2K-S



CFIL 3K-S



CFIL 4K-S

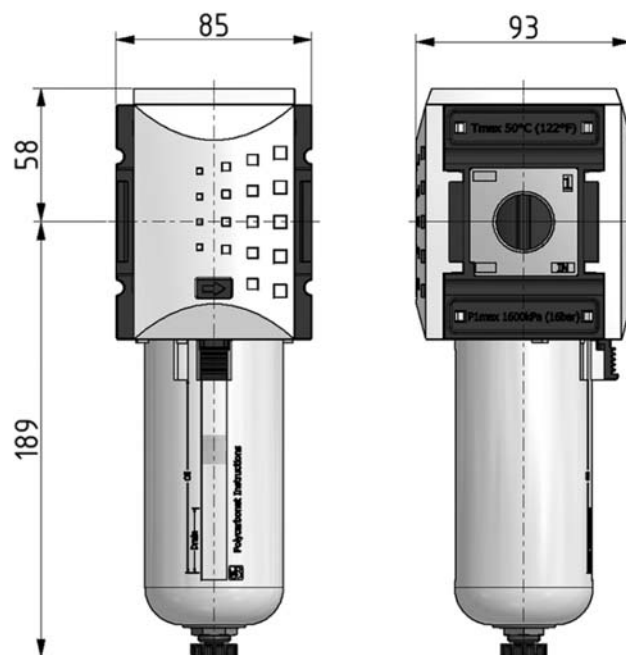


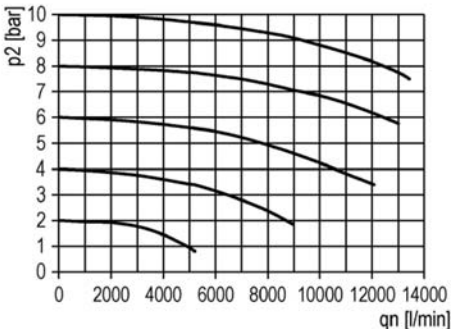
filtro separatore G1"

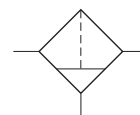
G1" filter-water-separator



- Sistema di funzionamento: gruppo ciclone ed elemento filtrante
Cyclone system and filter element
- Separazione condensa: 95%
Moisture separation: 95%
- Scarico della condensa semiautomatico
Semi-automatic moisture exhaust
- Disponibili anche microfiltro e filtro a carbone attivo
Sub-micro-filter and activated carbon filter are also available
- Installazione verticale; staffa di fissaggio a richiesta
Vertical installation; bracket on request
- Protezione della tazza di serie
Bowl protection already mounted



CODICE DI ORDINAZIONE <i>ORDER CODE</i>	scarico semiautomatico <i>semi-automatic moisture exhaust</i>	FIL 6K-05-S 16.354.0																																																															
	scarico automatico <i>automatic moisture exhaust</i>	FIL 6K-05-A 16.356.0																																																															
Attacchi <i>Ports</i>		G1"																																																															
Temperatura di esercizio <i>Temperature range</i>		0 ... +50°C																																																															
Pressione di esercizio <i>Working pressure range</i>	p_{min} p_{max}	1.5 bar; 0.15 MPa 16 bar; 1.6 MPa																																																															
Portata massima <i>Maximum flow rate</i>	$p = 6.3 \text{ bar}; \Delta p = 1 \text{ bar}$ Q_{max}	7500 NI/min																																																															
Elemento filtrante <i>Filter element</i>		5 μm																																																															
Caratteristiche di portata <i>Flow characteristics</i>  <table border="1"><caption>Approximate data points from the flow characteristics graph</caption><thead><tr><th>qn [l/min]</th><th>p2 [bar] (Curve 1)</th><th>p2 [bar] (Curve 2)</th><th>p2 [bar] (Curve 3)</th><th>p2 [bar] (Curve 4)</th><th>p2 [bar] (Curve 5)</th><th>p2 [bar] (Curve 6)</th></tr></thead><tbody><tr><td>0</td><td>10.0</td><td>8.2</td><td>6.0</td><td>4.0</td><td>2.0</td><td>1.0</td></tr><tr><td>2000</td><td>9.8</td><td>8.0</td><td>5.8</td><td>3.8</td><td>1.8</td><td>0.8</td></tr><tr><td>4000</td><td>9.5</td><td>7.8</td><td>5.5</td><td>3.5</td><td>1.5</td><td>0.6</td></tr><tr><td>6000</td><td>9.2</td><td>7.5</td><td>5.2</td><td>3.2</td><td>1.2</td><td>0.4</td></tr><tr><td>8000</td><td>8.8</td><td>7.0</td><td>4.8</td><td>2.8</td><td>0.8</td><td>0.2</td></tr><tr><td>10000</td><td>8.2</td><td>6.5</td><td>4.2</td><td>2.2</td><td>0.4</td><td>0.0</td></tr><tr><td>12000</td><td>7.5</td><td>6.0</td><td>3.5</td><td>1.5</td><td>0.2</td><td>0.0</td></tr><tr><td>14000</td><td>6.8</td><td>5.5</td><td>3.0</td><td>1.0</td><td>0.0</td><td>0.0</td></tr></tbody></table>		qn [l/min]	p2 [bar] (Curve 1)	p2 [bar] (Curve 2)	p2 [bar] (Curve 3)	p2 [bar] (Curve 4)	p2 [bar] (Curve 5)	p2 [bar] (Curve 6)	0	10.0	8.2	6.0	4.0	2.0	1.0	2000	9.8	8.0	5.8	3.8	1.8	0.8	4000	9.5	7.8	5.5	3.5	1.5	0.6	6000	9.2	7.5	5.2	3.2	1.2	0.4	8000	8.8	7.0	4.8	2.8	0.8	0.2	10000	8.2	6.5	4.2	2.2	0.4	0.0	12000	7.5	6.0	3.5	1.5	0.2	0.0	14000	6.8	5.5	3.0	1.0	0.0	0.0	microfiltro <i>sub-micro-filter</i> MFIL 6K-S 16.367.0 filtro a carbone attivo <i>activated carbon filter</i> CFIL 6K-S 16.368.0
		qn [l/min]	p2 [bar] (Curve 1)	p2 [bar] (Curve 2)	p2 [bar] (Curve 3)	p2 [bar] (Curve 4)	p2 [bar] (Curve 5)	p2 [bar] (Curve 6)																																																									
		0	10.0	8.2	6.0	4.0	2.0	1.0																																																									
2000	9.8	8.0	5.8	3.8	1.8	0.8																																																											
4000	9.5	7.8	5.5	3.5	1.5	0.6																																																											
6000	9.2	7.5	5.2	3.2	1.2	0.4																																																											
8000	8.8	7.0	4.8	2.8	0.8	0.2																																																											
10000	8.2	6.5	4.2	2.2	0.4	0.0																																																											
12000	7.5	6.0	3.5	1.5	0.2	0.0																																																											
14000	6.8	5.5	3.0	1.0	0.0	0.0																																																											



La staffa di fissaggio deve essere acquistata separatamente.
Mounting bracket is bought separately.

Materiali

Corpo: tecnopolimero
Guarnizioni: NBR
Parti interne: ottone e INOX
Tazza interna: policarbonato
Protezione tazza: poliammide

Materials

Body: technopolymer
Seals: NBR
Internal parts: brass and stainless steel
Internal bowl: polycarbonate
Bowl protection: polyamide

Description	Code
G1 / 2 "filter + lubricator, 30μ filter element	16.035.4 F + L 4-30-S
G1 / 4 "filter + lubricator, 25μ filter element	16.033.4 F + L 2-25-S
G3 / 8 "filter + lubricator, 30μ filter element	16.034.4 F + L 3-30-S

По вопросам продаж и поддержки обращайтесь:

Алматы (7273)495-231
Архангельск (8182)63-90-72
Астрахань (8512)99-46-04
Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
Владивосток (423)249-28-31
Волгоград (844)278-03-48
Вологда (8172)26-41-59
Воронеж (473)204-51-73
Екатеринбург (343)384-55-89
Иваново (4932)77-34-06
Ижевск (3412)26-03-58
Иркутск (395)279-98-46
Россия (495)268-04-70

Казань (843)206-01-48
Калининград (4012)72-03-81
Калуга (4842)92-23-67
Кемерово (3842)65-04-62
Киров (8332)68-02-04
Краснодар (861)203-40-90
Красноярск (391)204-63-61
Курск (4712)77-13-04
Липецк (4742)52-20-81
Магнитогорск (3519)55-03-13
Москва (495)268-04-70
Мурманск (8152)59-64-93
Набережные Челны (8552)20-53-41
Нижний Новгород (831)429-08-12
Киргизия (996)312-96-26-47

Новокузнецк (3843)20-46-81
Новосибирск (383)227-86-73
Омск (3812)21-46-40
Орел (4862)44-53-42
Оренбург (3532)37-68-04
Пенза (8412)22-31-16
Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Казахстан (7172)727-132

Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Тверь (4822)63-31-35
Томск (3822)98-41-53
Тула (4872)74-02-29
Тюмень (3452)66-21-18
Ульяновск (8422)24-23-59
Уфа (347)229-48-12
Хабаровск (4212)92-98-04
Челябинск (351)202-03-61
Череповец (8202)49-02-64
Ярославль (4852)69-52-93