Алматы (7273)495-231 Ангарск (3955)60-70-56 Архангельск (8182)63-90-72 Астрахань (8512)99-46-04 Барнаул (3852)73-04-60 Белгород (4722)40-23-64 Благовещенск (4162)22-76-07 Брянск (4832)59-03-52 Владивосток (423)249-28-31 Владикавказ (8672)28-90-48 Владимир (4922)49-43-18 Волгоград (844)278-03-48 Волоград (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 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 Коломна (4966)23-41-49 Кострома (4942)77-07-48 Краснодрс (861)203-40-90 Красноярск (391)204-63-61 Курск (4712)77-13-04 Курган (3522)50-90-47 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 Ноябрьск (3496)41-32-12 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 Петрозаводск (8142)55-98-37 Псков (8112)59-10-37

Пермь (342)205-81-47
Ростов-на-Дону (863)308-18-15
Рязань (4912)46-61-64
Самара (846)206-03-16
Саранск (8342)22-96-24
Санкт-Петербург (812)309-46-40
Саратов (845)249-38-78
Севастополь (8692)22-31-93
Симферополь (3652)67-13-56
Смоленск (4812)29-41-54
Сочи (862)225-72-31
Ставрополь (8652)20-65-13
Сургут (3462)77-98-35
Сыктывкар (8212)25-95-17
Тамбов (4752)50-40-97

Тверь (4822)63-31-35 Тольятти (8482)63-91-07 Томск (3822)98-41-53 Тула (4872)33-79-87 Тюмень (3452)66-21-18 Ульяновск (8422)24-23-59 Улан-Удэ (3012)59-97-51 Уфа (347)229-48-12 Хабаровск (4212)92-98-04 Чебоксары (8352)28-53-07 Челябинск (351)202-03-61 Череповец (8202)49-02-64 Чита (3022)38-34-83 Якутск (4112)23-90-97 Ярославль (4852)69-52-93

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Киргизия +996(312)96-26-47

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Технические характеристики на фильтры 07 Series Excelon, Excelon Plus, Olympian Plus, Stainless Steel компании IMI NORGREN

Виды товаров: с автоматическим сливом, с закрытой чашей, ручные, полуавтоматические.



F82G – General purpose filter Excelon® Plus Modular System

- > Port size: 1/4" & 3/8" (ISO G/PTF)
- Excelon° Plus design allows in-line installation or modular installation with other Excelon° Plus products
- > 5 or 40 micron particle and high efficiency water removal (> 95%)
- > Double safety lock bowl

- Metal bowl with prismatic liquid level indicator lens
- Light weight polycarbonate bowl
- > Air purity classes in accordance to ISO8573-1:2010: 7:8:4 (40µm) 6:8:4 (5µm)





Technical features

Medium:

Compressed air only Maximum supply pressure: Polycarbonate bowl: 10 bar (145 psi)

Metal bowl: 17 bar (246 psi)

Filter element:

5 μm & 40 μm

Port size:

G1/4, G3/8 1/4 PTF, 3/8 PTF

Flow:

23 dm³/s (port size 1/4") and 27dm³/s (port size 3/8") at inlet pressure 6.3bar (91psi) and a Δp 0,5 bar (7,25 psi) pressure drop. Filter element 40 μm

Drain:

Manual or automatic Automatic drain operating conditions (float operated): Bowl pressure required to close drain: > 0,35 bar (5 psi) Bowl pressure required to open drain: ≤ 0,2 bar (2,9 psi) Minimum air flow required to close drain: 1dm³/s.

Ambient/Media temperature:

Polycarbonate bowl:
-10 ... +60°C (14 ... +140°F)
Metal bowl:
-20 ... +65°C (-4 ... +149°F)
Air supply must be dry enough
to avoid ice formation at
temperatures below +2°C

(+35°F).

Filters F82 are in conformity with Atex 2014/34/EU



+/34/EU || 2 GD |Ex h ||C T6 Gb |EX h ||IC T85°C Db

Materials:

Body: Die cast aluminium Body covers: ABS Transparent Bowl: Polycarbonate with Polypropylene Guard. Metal Bowl: Die cast Zinc w

Metal Bowl: Die cast Zinc with PA liquid level indicator lens Filter element: sintered PP Bowl 'o'- ring: Chloroprene Elastomers: NBR

Technical data F82G—standard models

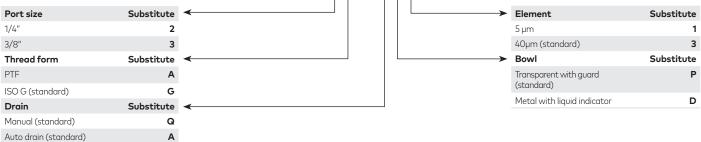
Symbol	Port Size	Drain	Filter element (µm)	Bowl	Weight (kg)	Model *1)
\wedge	G1/4	Auto	40	Guarded polycarbonate	0,22	F82G-2GN-AP3
	G3/8	Auto	40	Guarded polycarbonate	0,22	F82G-3GN-AP3
Y	G1/4	Auto	40	Metal with level indicator	0,41	F82G-2GN-AD3
	G3/8	Auto	40	Metal with level indicator	0,41	F82G-3GN-AD3
	G1/4	Manual	40	Guarded polycarbonate	0,20	F82G-2GN-QP3
→	G3/8	Manual	40	Guarded polycarbonate	0,20	F82G-3GN-QP3
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	G1/4	Manual	40	Metal with level indicator	0,40	F82G-2GN-QD3
	G3/8	Manual	40	Metal with level indicator	0,40	F82G-3GN-QD3





Option selector

F82G-★★N-★★



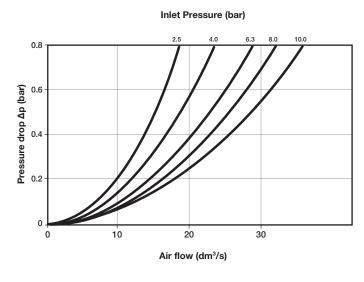
Flow characteristics

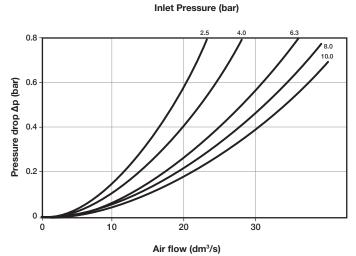
Element: 40 µm

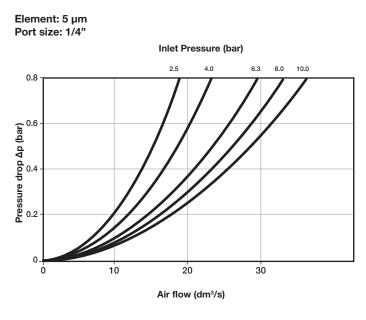
Port size: 1/4"

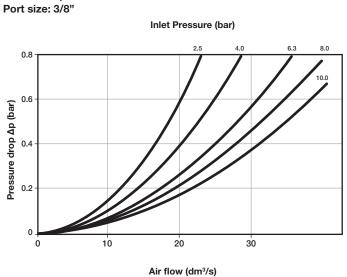


Element: 5 µm





















Pressure switch interface

Page 6

0523109000000000

block (18D pressure switch)







- *1) Flanged version. For other pressure ranges, please see data sheet 5.11.001
- *2) For other pressure ranges, please see data sheet 5.11.385











Maintenance/Service









Spare parts













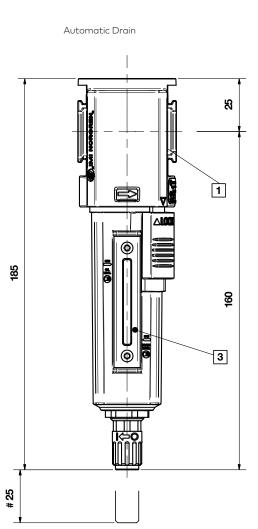


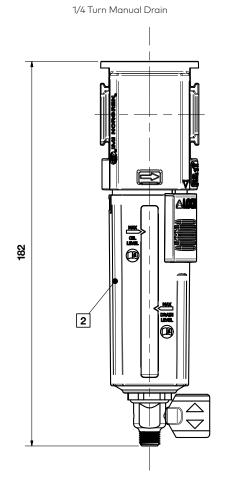
Dimensions

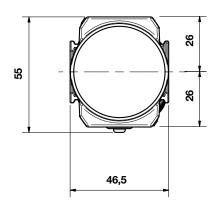
Dimensions in mm Projection/First angle

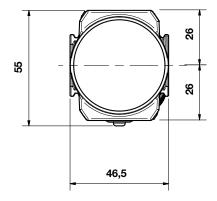












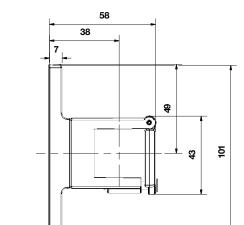
- # Minimum clearance required to remove bowl
- 1 Main ports 1/4", 3/8" (ISO G/PTF)
- 2 Transparent bowl with guard
- 3 Metal bowl with liquid level indicator lens



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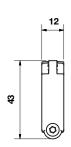
Quikclamp® with wall bracket

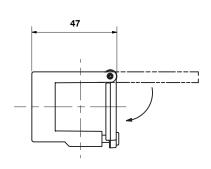


Quikclamp®



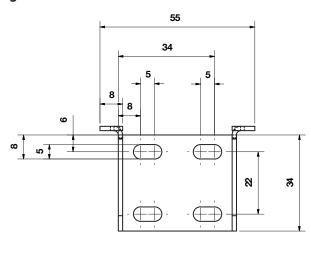


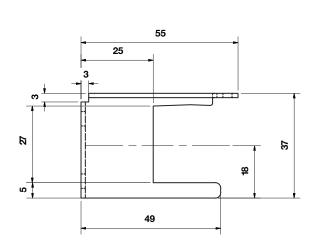




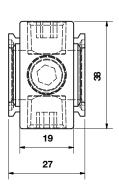
Mounting bracket

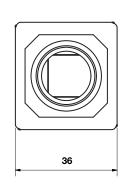
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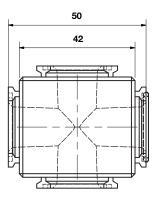


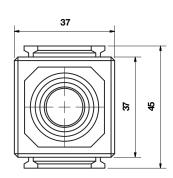
Pressure sensing block





Full flow porting block







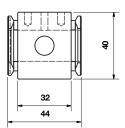
Porting block for 18D pressure switch

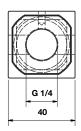
18D Pressure switch

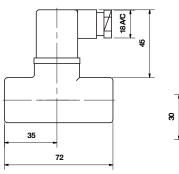
Dimensions in mm Projection/First angle

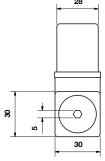






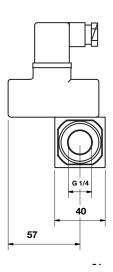


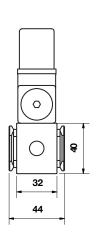


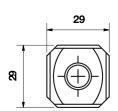


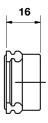
18D Porting block and 18D assembled

Pipe adaptor



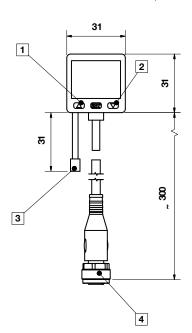


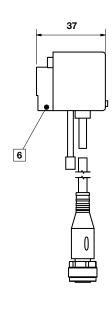






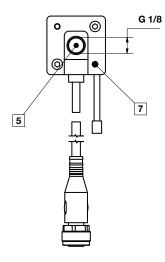
51D Pressure switch - digital





Dimensions in mm
Projection/First angle





- 1 Switch OUT 1, green LED
- 2 Switch OUT 2, red LED
- 3 Dustproof protector
- 4 Connector M12 x 1
- 5 Inlet port
- 6 Alternative inlet port G1/8 plugged
- Thread for mounting screw

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/**

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren Ltd.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.



F82C - Oil removal filters Excelon® Plus Modular System

- > Port size: 1/4" & 3/8" (ISO G/PTF)
- > Excelon® Plus design allows in-line installation or modular installation with other Excelon® Plus products
- > High efficiency oil and particle removal
- > Double safety lock bowl
- Metal bowl with prismatic liquid level indicator lens

- Light weight Polycarbonate bowl
- Service indicator standard
- > Air purity class in accordance with ISO8573-1:2010: 1:7:1*

*Tested in accordance with the methods laid out in ISO 12500-1 using an inlet oil aerosol concentration of 4mg/m³





Technical features

Medium:

Compressed air only

Maximum operating pressure:

Polycarbonate bowl: 10 bar (145 psi)

Metal bowl: 17 bar (246 psi)

Remaining oil content:

 $0,01 \, \text{mg/m}^3 \, \text{at} + 21^{\circ} \text{C} \, (+69^{\circ} \text{F})$

Particle removal:

To 0,01 µm

Port size:

G1/4, G3/8, 1/4 PTF, 3/8 PTF

Flow:

5.5 dm³/s - Maximum flow to maintain stated oil removal performance at challenge rate of 4 mg/m³, operating pressure: 6,3 bar (91 psi)

Drain:

Manual or automatic Automatic drain operating conditions (float operated): Bowl pressure required to close drain: > 0,35 bar (5 psi) Bowl pressure required to open drain: ≤ 0,2 bar (2.9 psi) Minimum air flow required to close drain: 1 dm³/s.

Ambient/Media temperature:

Polycarbonate bowl: -10 ... +60°C (+14 ... +140°F) Metal bowl:

-20 ... +65°C (-4 ... +149°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Note: Install an F82G filter with a 5 µm filter element upstream of the F82C filter for maximum service life

Atex:

Filters F82 are in conformity with Atex 2014/34/EU



II 2 GD Ex h IIC T6 Gb EX h IIIC T85°C Db

Materials:

Body: Die cast aluminium Body covers: ABS Transparent Bowl : Polycarbonate with Polypropylene

Metal Bowl: Die cast Zinc with PA liquid level indicator lens Filter element:

Synthetic fibre & PE foam Bowl 'o'- ring: Chloroprene Elastomers: NBR

Technical data F82C—standard models

Symbol	Port Size	Drain	Bowl	Weight (kg)	Model
$\setminus \otimes$	G1/4	Auto	Guarded polycarbonate	0,25	F82C-2GD-AP0
	G3/8	Auto	Guarded polycarbonate	0,25	F82C-3GD-AP0
•	G1/4	Auto	Metal with level indicator	0,44	F82C-2GD-AD0
Ĭ	G3/8	Auto	Metal with level indicator	0,44	F82C-3GD-AD0
$\setminus \otimes$	G1/4	Manual	Guarded polycarbonate	0,25	F82C-2GD-QP0
	G3/8	Manual	Guarded polycarbonate	0,25	F82C-3GD-QP0
•	G1/4	Manual	Metal with level indicator	0,44	F82C-2GD-QD0
Ϋ́	G3/8	Manual	Metal with level indicator	0,44	F82C-3GD-QD0





F82C-★★D-★★0 **Option selector** Port size Substitute Substitute ► Bowl 1/4" Transparent with guard (standard) 3/8" 3 Metal with liquid indicator D Thread form Substitute (optional) PTF - Drain Substitute ISO G (standard) G

Manual (standard)

Auto drain (standard)

Q

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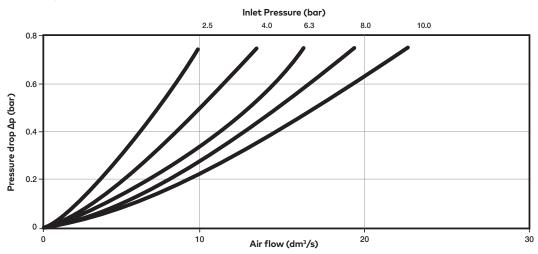
Flow characteristics

Port size: 1/4" Oil Removal Flow

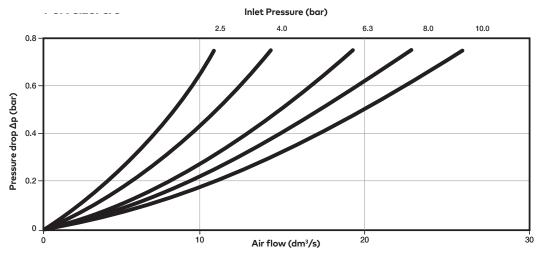
Inlet Pressure (bar)	Flow-rate to maintain media velocity of ISO12500-1 test on oil coalescing filter (dm3/s)
2.5	2,6
4	3,7
6.3	5,5
8	6,8
10	8,3

Dry Flow

Port size: 1/4"



Port size: 3/8"















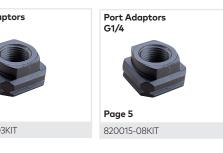






- *1) Flanged version. For other pressure ranges, please see data sheet 5.11.001
- * 2) For other pressure ranges, please see data sheet 5.11.385









Maintenance/Service







Spare parts













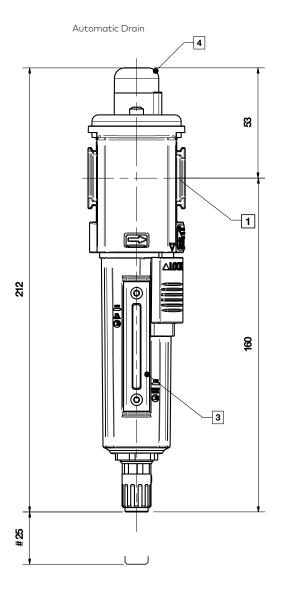


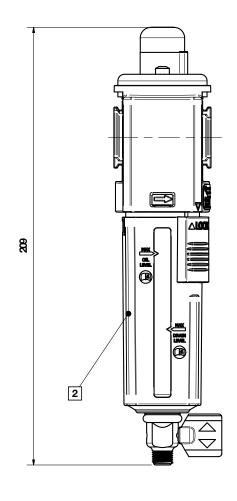
Dimensions

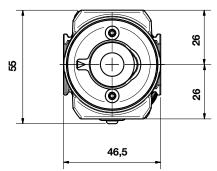
Dimensions in mm Projection/First angle

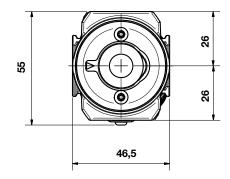


1/4 Turn Manual Drain









- # Minimum clearance required to remove bowl
- 1 Main ports 1/4", 3/8" (ISO G/PTF)
- 2 Transparent bowl with guard
- 3 Metal bowl with liquid level indicator lens
- 4 Service indicator



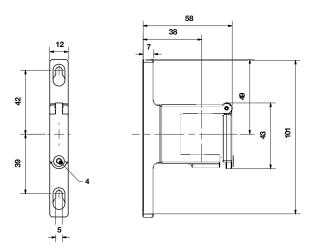
Quikclamp° with wall bracket

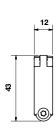
Quikclamp°

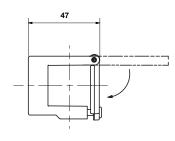
Dimensions in mm Projection/First angle



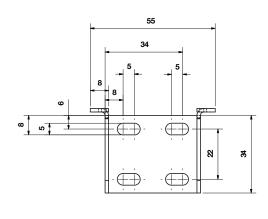


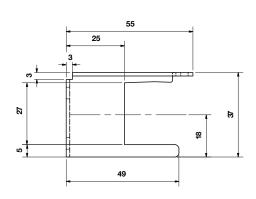




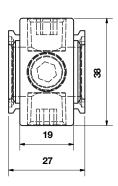


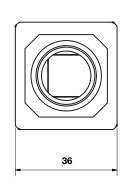
Mounting bracket



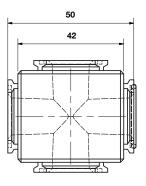


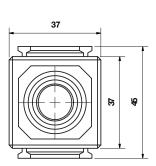
Pressure sensing block





Full flow porting block







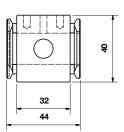
Porting block for 18D pressure switch

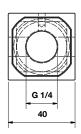
18D Pressure switch

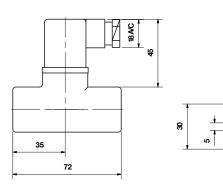
Dimensions in mm Projection/First angle





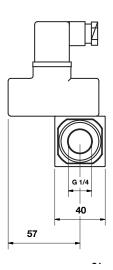


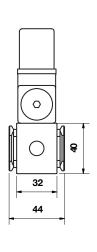


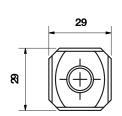


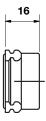
18D Porting block and 18D assembled

Pipe adaptor



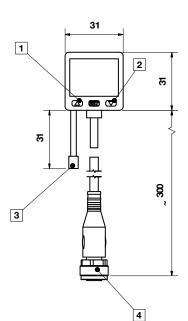


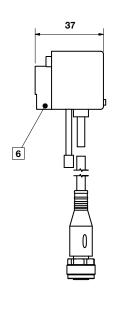






51D Pressure switch - digital

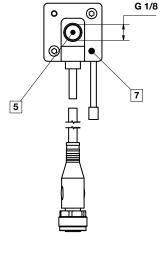




Dimensions in mm Projection/First angle







- 1 Switch OUT 1, green LED
- 2 Switch OUT 2, red LED
- 3 Dustproof protector
- Connector M12 x 1
- 5 Inlet port
- 6 Alternative inlet port G1/8 plugged
- 7 Thread for mounting screw

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »Technical features/

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F82V - Oil vapour removal filters Excelon® Plus Modular System

- > Port size: 1/4" & 3/8" (ISO G/PTF)
- > Excelon° Plus design allows in-line installation or modular installation with other Excelon° Plus products
- Adsorbing type activated carbon element removes oil vapours

- > Double safety lock bowl
- Light weight Polycarbonate bowl
- > Metal bowl option
- > Air purity class in accordance with ISO8573-1:2010 : -:7:0*





Technical features

Medium:

Compressed air only

Maximum operating pressure: Polycarbonate bowl:

10 bar (145 psi) Metal bowl: 17 bar (246 psi)

Remaining oil content:

0,003 mg/m³ max. at +21°C (+69°F)

Port size:

G1/4, G3/8, 1/4 PTF, 3/8 PTF

Dry Element Flow:

4 dm³/s - Maximum flow to maintain stated oil removal performance at operating pressure: 6,3 bar (91 psi)

Atex:

Filters F82 are in conformity with Atex 2014/34/EU



II 2 GD Ex h IIC T6 Gb EX h IIIC T85°C Db

Ambient/Media temperature:

Polycarbonate bowl: -10 ... +60°C (+14 ... +140°F) Metal bowl:

-20 ... +65°C (-4 ... +149°F) Air supply must be dry enough to

avoid ice formation at temperatures below +2°C (+35°F). .

Note:

Install an F82C coalescing filter upstream of the F82V filter for maximum service life.

Materials:

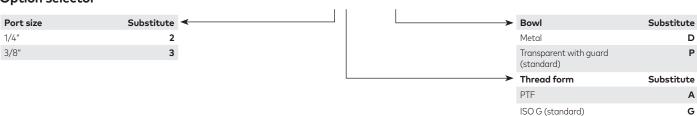
Body: Die cast aluminium Body covers: ABS Transparent Bowl : Polycarbonate with Polypropylene Guard.

Metal Bowl: Die cast Zinc with PA liquid level indicator lens Bowl 'o'- ring: Chloroprene Elastomers: NBR

Technical data F82V—standard models

Symbol	Port Size	Drain	Bowl	Weight (kg)	Model
^	G1/4	Closed bowl	Guarded polycarbonate	0,20	F82V-2GN-EPA
\ <u>\</u>	G3/8	Closed bowl	Guarded polycarbonate	0,40	F82V-3GN-EPA
\	G1/4	Closed bowl	Metal bowl	0,21	F82V-2GN-EDA
	G3/8	Closed bowl	Metal bowl	0,40	F82V-3GN-EDA

Option selector



F82V-**N-E*A



^{*}Tested in accordance with the methods laid out in ISO 12500-2 using an inlet oil aerosol concentration of 0.018mg/m³



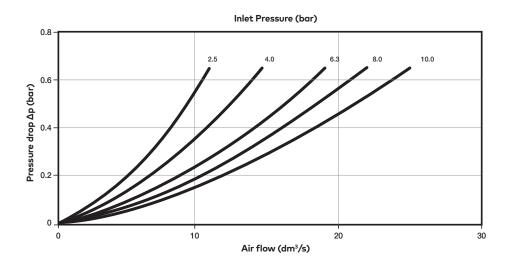
Flow characteristics

Port size: 1/4" Vapor Removal Flow

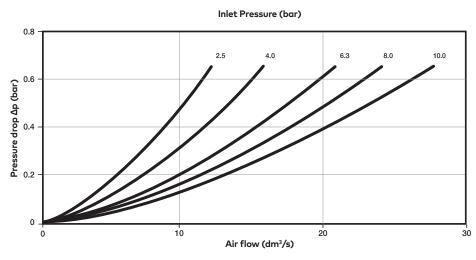
Inlet Pressure (bar)	Flow-rate to maintain media velocity of ISO12500-1 test on oil vapor filter (dm3/s)
2.5	1.9
4	2.8
6.3	4
8	5
10	6.1

Dry Flow

Port size: 1/4"



Port size: 3/8"





















- *1) Flanged version. For other pressure ranges, please see data sheet 5.11.001
- *2) For other pressure ranges, please see data sheet 5.11.385









Maintenance/Service

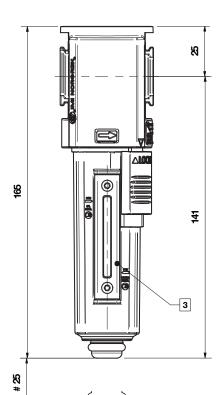


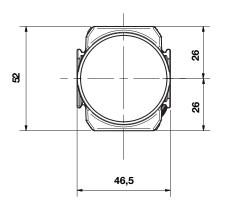


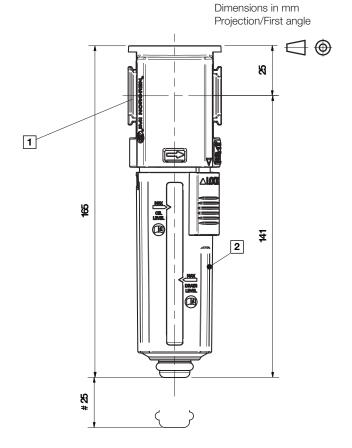


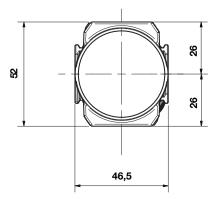


Dimensions









- # Minimum clearance for bowl removal
- 1 Main ports 1/4", 3/8" (ISO G/PTF)
- Transparent bowl with guard
- 3 Metal bowl

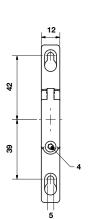


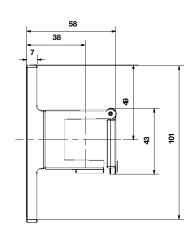
Quikclamp° with wall bracket

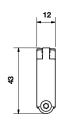
Quikclamp°

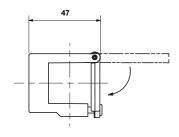
Dimensions in mm Projection/First angle



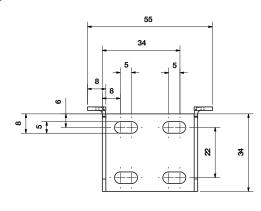


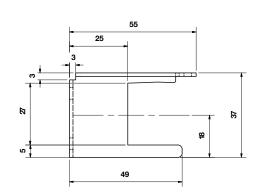




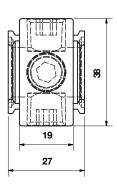


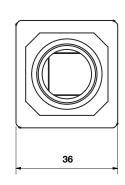
Mounting bracket



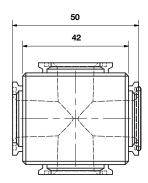


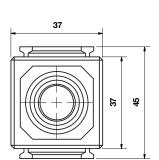
Pressure sensing block





Full flow porting block





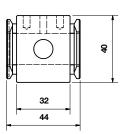


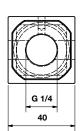
Porting block for 18D pressure switch

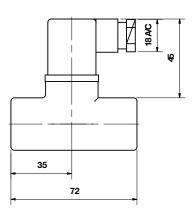
18D Pressure switch

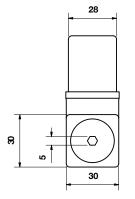
Dimensions in mm Projection/First angle





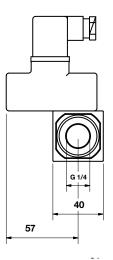


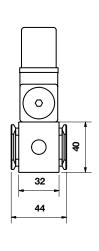


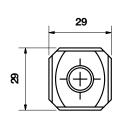


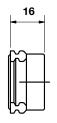
18D Porting block and 18D assembled

Pipe adaptor









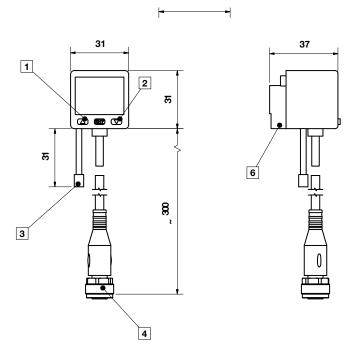


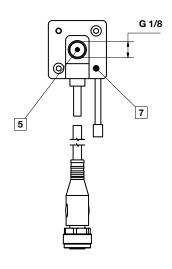
51D Pressure switch - digital

Dimensions in mm Projection/First angle









- 1 Switch OUT 1, green LED
- 2 Switch OUT 2, red LED
- 3 Dustproof protector
- Connector M12 x 1
- Inlet port
- 6 Alternative inlet port G1/8 plugged
- 7 Thread for mounting screw

Warning

08/20

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- Port size: 1/4" or 3/8" (ISO G/PTF)
- Excelon design allows in-line installation or modular installation with other Excelon products
- > Quick release bayonet bowl





Technical features

Medium:

Compressed air only

Maximum operating pressure:

Transparent bowls: 10 bar (150 psi) Metal bowls: 17 bar (250 psi) Metal bowls with automatic drain: 10 bar (150 psi)

Filter element:

40 or 5 µm

Port size:

G1/4, G3/8, 1/4" or 3/8" PTF

Flow:

28 dm 3 /s at port size: G1/4 Operating pressure: 6,3 bar (91 psi) Δ p: 0,5 bar (7.2 psi) Filter element: 40 μ m

Drain:

Manual, automatic or semi automatic

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: > 0,35 bar (5 psi) Bowl pressure required to open drain: ≤ 0,2 bar (3 psi) Minimum air flow required to close drain: 0,1 dm³/s (0.2 scfm) Manual operation: depress pin inside drain outlet to drain bowl

Semi automatic drain operating conditions (pressure operated):

Bowl pressure required to close drain: Greater than 0,1 bar (1.5 psi) Bowl pressure required to open drain: Less than 0,1 bar (1.5 psig) Minimum air flow required to close drain: 0,5 dm³/s (1 scfm)

Service life indicator:

Available on request

Ambient/Media temperature:

Transparent bowl:
-34 ... +50°C (-30 ... +125°F)
Metal bowl:
-34 ... +65°C (-30 ... +150°F)
Air supply must be dry enough
to avoid ice formation at
temperatures below +2°C (+35°F).

Materials:

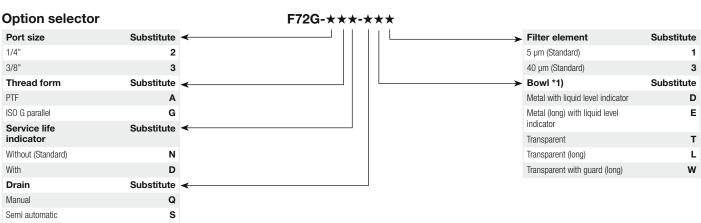
Body: die cast zinc Bowl: transparent PC or die cast zinc or transparent with zinc bowl

guard

Liquid level indicator lens (metal bowl): transparent PA Filter element: sintered PP Elastomers: CR & NBR

Technical data - standard models

Symbol	Port size	Size	Drain	Filter element (µm)	Bowl	Weight (kg)	(lbs)	Model
	G1/4	Basic	Manual	40	PC (transparent)	0,49	1.0	F72G-2GN-QT3
→	G3/8	_	Manual	40	PC (transparent)	0,49	1.0	F72G-3GN-QT3
	G1/4	Basic	Manual	5	PC (transparent)	0,49	1.0	F72G-2GN-QT1
	G3/8	_	Manual	5	PC (transparent)	0,49	1.0	F72G-3GN-QT1
	G1/4	Basic	Automatic	40	PC (transparent)	0,49	1.0	F72G-2GN-AL3
→	G3/8	_	Automatic	40	PC (transparent)	0,49	1.0	F72G-3GN-AL3
	G1/4	Basic	Automatic	5	PC (transparent)	0,49	1.0	F72G-2GN-AL1
	G3/8	_	Automatic	5	PC (transparent)	0,49	1.0	F72G-3GN-AL1



^{*1)} Supplied with long bowl option only

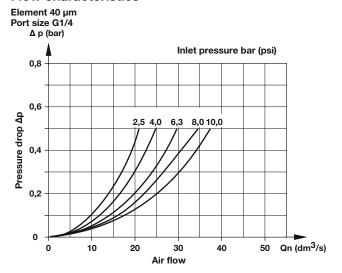
A *1)

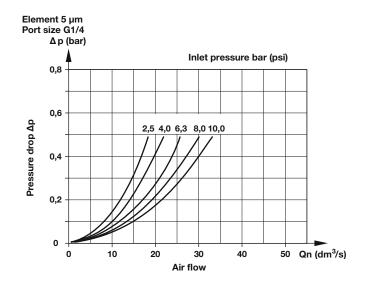
Automatic





Flow characteristics





Accessories

Wall mounting bracket	Quikclamp [®]	Quikclamp with wall bracket®	Quikmount pipe adaptor *1)	Porting block with three alternative 1/4" ports	2/2 Shut-off valves (for full technical specification see datasheet 8.160.600)	3/2 Shut-off valves (for full technical specification see datasheet 8.160.600)
	0	0				
Page 3	Page 3	Page 3	Page 3	Page 3	Page 3	Page 3
4224-50	4214-51	4214-52	G1/4: 4215-08	G1/4: 4216-52	G1/4: T72B-2GA-P1N	G1/4: T72T-2GA-P1N
			G3/8: 4215-09	1/4 PTF: 4216-50	G3/8: T72B-3GA-P1N	G3/8: T72T-3GA-P1N
			1/4 PTF: 4215-02		1/4 PTF: T72B-2AA-P1N	1/4 PTF: T72T-2AA-P1N
			3/8 PTF: 4215-03		3/8 PTF: T72B-3AA-P1N	3/8 PTF: T72T-3AA-P1N

^{*1)} Please use a Quikmount pipe adaptor if the Quikclamp be mounted at inlet or outlet side.

Pressure switch Porting block for pressure switch (0,5 ... 8 bar) Description of the pressure switch (0,5 ... 8 bar) Description of the pressure switch with two keys *1) Description of the pressure switch (0,5 ... 8 bar) Description of the pressure switch (0,5 ... 8 bar) Description of the pressure switch (0,5 ... 8 bar) Description of the pressure switch (0,5 ... 8 bar) Description of the pressure switch (0,5 ... 8 bar) Description of the pressure switch (0,5 ... 8 bar) Description of the pressure switch (0,5 ... 8 bar) Description of the pressure switch (0,5 ... 8 bar) Description of the pressure switch (0,5 ... 8 bar) Description of the pressure switch (0,5 ... 8 bar) Description of the pressure switch (0,5 ... 8 bar)

Service kits



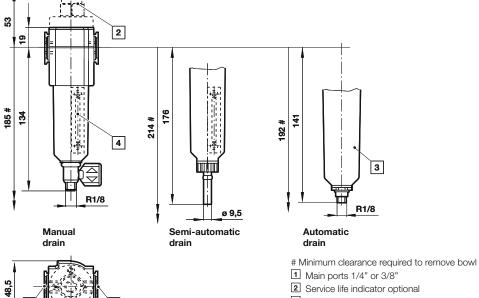


50,5

Drawings

Dimensions in mm Projection/First angle



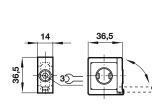


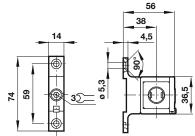
- 3 Transparent bowl
- Metal bowl with liquid level indicator lens



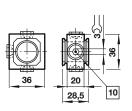
Accessories Quikclamp®

Quikclamp® with wall bracket

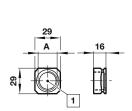




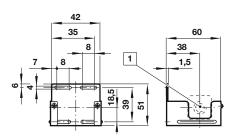
Porting block



Pipe adapter



Wall mounting bracket

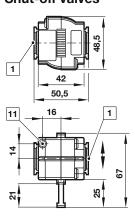


10 Ports 1/4" (ISO G/PTF) plugged

1 Main ports 3/8", 1/2" or 3/4" (ISO G/PTF)

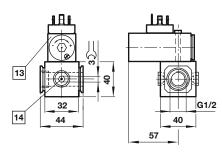
1 Main ports

Shut-off valves



- 1 Main ports 1/4" or 3/8" (ISO G/PTF)
- 11 Exhaust port M5 at 3/2 valve only

Porting block for pressure switch



- 13 Pressure switch is not in scope of delivery
- 14 Alternative G1/4 ports plugged

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- Port size: 1/4" or 3/8" (ISO G, PTF)
- Excelon design allows in-line or modular installation with other Excelon products
- Adsorbing type activated carbon element removes oil vapours and most hydrocarbon odours
- > Quick release bayonet bowl
- High intensity blue colour change indication





Technical features

Medium:

Compressed air only

Maximum operating pressure:

10 bar (145 psi)

Remaining oil content:

0,003 mg/m³ max. at +21°C (69°F)

Port size:

G1/4, G3/8, 1/4" or 3/8" PTF

Flow:

1,6 dm³/s

To maintain stated oil content at 6,3 bar (91 psi) inlet pressure

Ambient/Media temperature:

-20° ... +65°C (-4° ... +149°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F). Materials:

Body: Zinc Transparent bowl: PC Element: Activated carbon & PC

Elastomers: NBR

Technical data - standard models

Symbol	Port size	Size	Bowl	Weight (kg)	Model
A	G1/4	Basic	PC (transparent)	0,52	F72V-2GN-ETC
$\langle \rangle$	G3/8	_	PC (transparent)	0,52	F72V-3GN-ETC
V					

Option selector

Port size Substitute 1/4" 2 3/8" 3

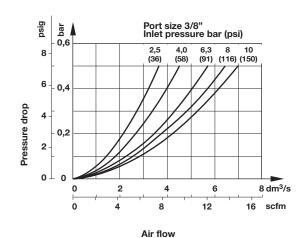
F72V-★★N-ETC

	Thread form	Substitute
	PTF	Α
	ISO G parallel (standard)	G

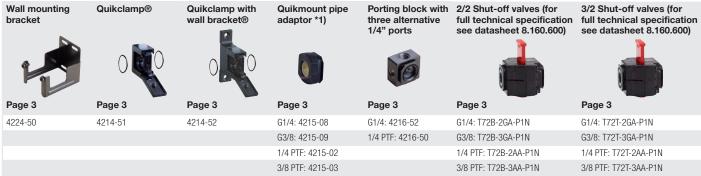
Typical performance characteristics

Inlet pressure (bar)	Maximum flow dm³/s*						
2,5	1,0						
4	1,3						
6,3	1,6						
8	1,8						
10	2,0						

^{*} Maximum flow to maintain stated oil removal performance







^{*1)} Please use a Quikmount pipe adaptor if the Quikclamp be mounted at inlet or outlet side.



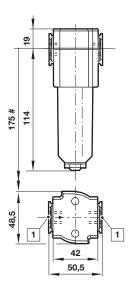
*1) for shut-off valves

Service kits



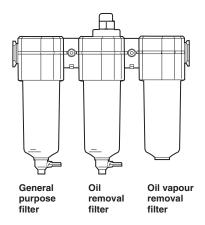
Drawings

Standard Transparent/Metal bowl



Minimum clearance required to remove bowl 1 Main ports 1/4" or 3/8"

Oil vapour removal filters must be protected upstream by an oil removal filter. A typical assembly:



Dimensions in mm Projection/First angle







Dimensions in mm Projection/First angle

Quikclamp®

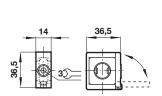
Quikclamp® with wall bracket

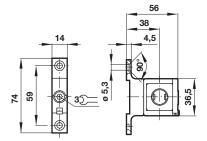


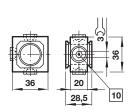
Pipe adapter

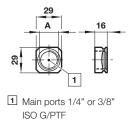






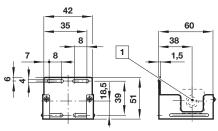






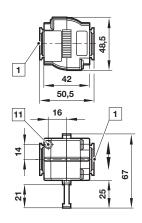
10 Ports (G1/4 or 1/4 NPT) plugged

Wall mounting bracket



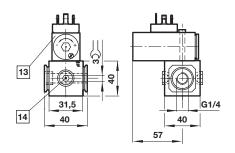
1 Main ports

Shut-off valves



- 1 Main ports 1/4" or 3/8" ISO G/PTF
- 11 Exhaust port M5 at 3/2 valve only

Porting block for pressure switch



- 13 Pressure switch is not in scope of delivery
- 14 Alternative G1/4 ports plugged

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- > Port size: 1/4" ... 1/2" (ISO G/PTF)
- > Excelon design allows in-line installation or modular installation with other Excelon products
- > Quick release bayonet bowl





Technical features

Medium:

Compressed air only

Maximum operating pressure:

Transparent bowls: 10 bar (150 psi) Metal bowls: 17 bar (250 psi)

Filter element:

5 or 40 µm

Port size:

G1/4, G3/8, G1/2, 1/4 PTF, 3/8 PTF, 1/2 PTF

Flow:

35 dm³/s at port size: G3/8 Inlet pressure: 6,3 bar (91 psi) Δp: 0,5 bar (7.2 psi) Filter element: 40 µm

Drain:

Manual or automatic

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: > 0,3 bar (5 psi) Bowl pressure required to open drain: ≤ 0,2 bar (3 psi) Minimum air flow required to close drain: 0,1 dm3/s (0.2 scfm) Manual operation: depress pin inside drain outlet to drain bowl

Service life indicator:

Available on request

Ambient/Media temperature:

Transparent bowl: -34 ... +50°C (-30 ... +125°F) Metal bowl: -34 ... +80°C (-30 ... +175°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

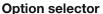
Materials:

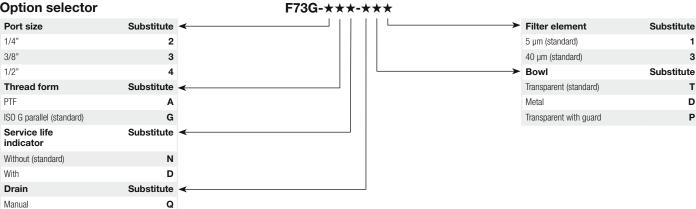
Body: die cast aluminium Bowl: Transparent PC alternative transparent PC with steel guard alternative aluminium Liquid level indicator lens (metal bowl): transparent PA Filter element: sintered PP

Elastomers: CR & NBR

Technical data - standard models

Symbol	Port size	Size	Drain	Filter element (μm)	Bowl	Weight (kg)	Model
	G1/4	_	Manual	40	PC (transparent)	0,50	F73G-2GN-QT3
	G3/8	Basic	Manual	40	PC (transparent)	0,50	F73G-3GN-QT3
	G1/2	_	Manual	40	PC (transparent)	0,50	F73G-4GN-QT3
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	G1/4	_	Manual	5	PC (transparent)	0,50	F73G-2GN-QT1
	G3/8	Basic	Manual	5	PC (transparent)	0,50	F73G-3GN-QT1
	G1/2	_	Manual	5	PC (transparent)	0,50	F73G-4GN-QT1
	G1/4	_	Automatic	40	PC (transparent)	0,50	F73G-2GN-AT3
	G3/8	Basic	Automatic	40	PC (transparent)	0,50	F73G-3GN-AT3
→	G1/2	_	Automatic	40	PC (transparent)	0,50	F73G-4GN-AT3
	G1/4	_	Automatic	5	PC (transparent)	0,50	F73G-2GN-AT1
	G3/8	Basic	Automatic	5	PC (transparent)	0,50	F73G-3GN-AT1
	G1/2	_	Automatic	5	PC (transparent)	0,50	F73G-4GN-AT1







Automatic

1

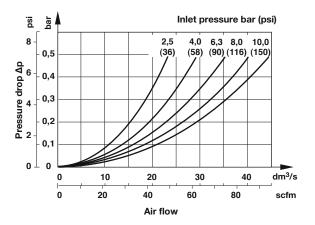
3

D

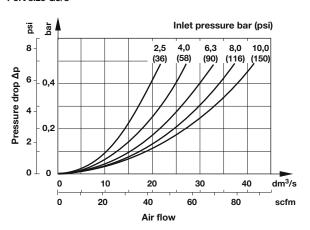


Flow characteristics

Element 40 µm Port size G3/8



Element 5 µm Port size G3/8



Accessories

Wall mounting bracket	Quikclamp®	Quikclamp with wall bracket®	Quikmount pipe adaptor *1)	Porting block with three alternative 1/4" ports	2/2 Shut-off valves (for full technical specification see datasheet 8.180.600)	3/2 Shut-off valves (for full technical specification see datasheet 8.180.600)
	0 0	000				
Page 3	Page 3	Page 3	Page 3	Page 3	Page 3	Page 3
4424-50	4314-51	4314-52	G1/4: 4315-09	G1/4: 4316-52	G1/4: T73B-2GA-P1N	G1/4: T73T-2GA-P1N
			G3/8: 4315-10	1/4 PTF: 4316-50	G3/8: T73B-3GA-P1N	G3/8: T73T-3GA-P1N
			G1/2: 4315-11		G1/2: T73B-4GA-P1N	G1/2: T73T-4GA-P1N
			1/4 PTF: 4315-01		1/4 PTF: T73B-2AA-P1N	1/4 PTF: T73T-2AA-P1N
			3/8 PTF: 4315-02		3/8 PTF: T73B-3AA-P1N	3/8 PTF: T73T-3AA-P1N
			1/2 PTF: 4315-03		1/2 PTF: T73B-4AA-P1N	1/2 PTF: T73T-4AA-P1N

^{*1)} Please use a Quikmount pipe adaptor if the Quikclamp be mounted at inlet or outlet side.

Pressure switch Porting block for pressure switch (0,5 ... 8 bar) Padlock Padlock (brass) with two keys **

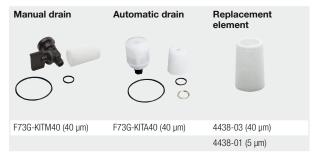




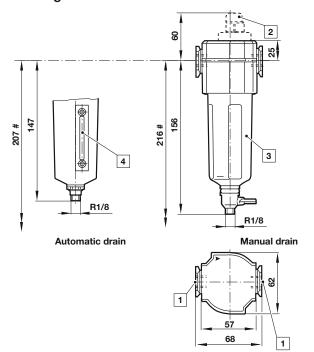


*1) for shut-off valves

Service kits



Drawings



Dimensions in mm Projection/First angle

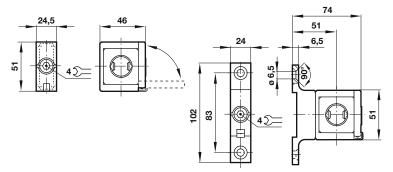


- #_Minimum clearance required to remove bowl
- Main ports 1/4", 3/8" or 1/2"
- 2 Service life indicator optional
- 3 Transparent bowl with or without guard
- 4 Metal bowl with liquid level indicator lens



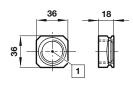
Accessories Quikclamp®

Quikclamp® with wall bracket

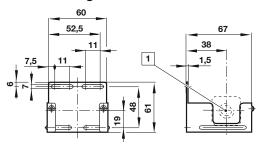


Porting block

Pipe adapter



Wall mounting bracket

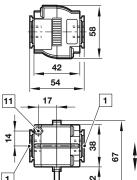


10 Ports 1/4" ISO G/PTF plugged

1 Main ports 3/8", 1/2" or 3/4" (ISO G/PTF)

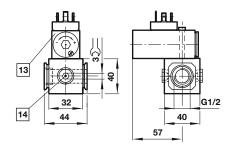
1 Main ports

Shut-off valves



- 1 Main ports 1/4", 3/8" or 1/2" (ISO G/PTF)
- 11 Exhaust port M5 at 3/2 valve only

Porting block for pressure switch



- 13 Pressure switch is not in scope of delivery
- 14 Alternative G1/4 ports plugged

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult

IMI Precision Engineering, Norgren Inc.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.



- > Port size: 3/8" ... 3/4" (ISO G/PTF)
- Excelon design allows in-line installation or modular installation with other Excelon products
- > Quick release bayonet bowl







Technical features

Medium:

Compressed air only

Maximum operating pressure:

Transparent bowls with guard: 10 bar (145 psi) Metal bowls: 17 bar (250 psi)

Filter element:

5 μm & 40 μm

Port size:

G3/8, G1/2, G3/4, 3/8 PTF 1/2 PTF , 3/8 PTF

Flow:

83 dm 3 /s at port size: G1/2 Operating pressure: 6,3 bar (91 psi) Δp : 0,5 bar (7.2 psi) Filter element: 40 μm

Drain:

Manual or automatic

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: > 0,35 bar (5 psi) Bowl pressure required to open drain: ≤ 0,2 bar (2.9 psi) Minimum air flow required to close drain: 1 dm³/s (2 scfm) Manual operation: depress pin inside drain outlet to drain bowl

Service life indicator:

Available on request

Ambient/Media temperature:

Transparent bowl:
-34° ... +50°C (-30° ... +122°F)
Metal bowl:
-34° ... +80°C (-30° ... +175°F)
Air supply must be dry enough
to avoid ice formation at
temperatures below +2°C (+35°F).

Materials:

Body: Die cast aluminium Bowl: Transparent PC with steel guard or die cast aluminium Liquid level indicator lens (metal bowl): Transparent PA Filter element: sintered PP Elastomers: CR & NBR

Technical data - standard models

Symbol	Port size	Size	Drain	Filter element (µm)	Bowl with guard	Weight (kg)	Model
→	G3/8	_	Manual	40	PC (transparent)	0,83	F74G-3GN-QP3
	G1/2	Basic	Manual	40	PC (transparent)	0,81	F74G-4GN-QP3
	G3/4	_	Manual	40	PC (transparent)	0,79	F74G-6GN-QP3
	G3/8	_	Manual	5	PC (transparent)	0,83	F74G-3GN-QP1
	G1/2	Basic	Manual	5	PC (transparent)	0,81	F74G-4GN-QP1
	G3/4	_	Manual	5	PC (transparent)	0,79	F74G-6GN-QP1
	G3/8	_	Automatic	40	PC (transparent)	0,83	F74G-3GN-AP3
	G1/2	Basic	Automatic	40	PC (transparent)	0,81	F74G-4GN-AP3
	G3/4	_	Automatic	40	PC (transparent)	0,79	F74G-6GN-AP3
	G3/8	_	Automatic	5	PC (transparent)	0,83	F74G-3GN-AP1
	G1/2	Basic	Automatic	5	PC (transparent)	0,81	F74G-4GN-AP1
	G3/4	_	Automatic	5	PC (transparent)	0,79	F74G-6GN-AP1

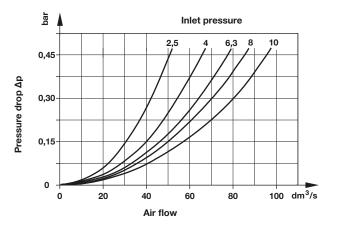
Option selector F74G-★★★-★★ Port size Substitute Filter element Substitute 3/8" 3 5 µm (standard) 1 1/2" 4 40 um (standard) 3 3/4" Substitute 6 Bowl Thread form Substitute Metal D Transparent with quard Р Α (standard) ISO G parallel (standard) G Sevice life Substitute indicator Without (standard) Ν D With on request Drain Substitute Q Manual Automatic



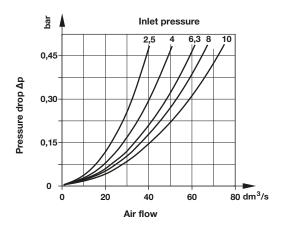


Flow characteristics

Element 40 µm Port size G1/2



Element 5 µm Port size G1/2



Accessories

Wall mounting bracket	Quikclamp®	Quikclamp with wall bracket®	Quikmount pipe adaptor *1)	Porting block with three alternative 1/4" ports	2/2 Shut-off valves (for full technical specification see datasheet 8.200.600)	3/2 Shut-off valves (for full technical specification see datasheet 8.200.600)
Page 3	Page 3	Page 3	Page 3	Page 3	Page 3	Page 3
4324-50	4314-51	4314-52	G3/8: 4315-10	G1/4: 4316-52	G 3/8: T74B-3GA-P1N	G 3/8: T74T-3GA-P1N
			G1/2: 4315-11	1/4 PTF: 4316-50	G 1/2: T74B-4GA-P1N	G 1/2: T74T-4GA-P1N
			G3/4: 4315-12		G 3/4: T74B-6GA-P1N	G 3/4: T74T-6GA-P1N
			3/8 PTF: 4315-02			
			1/2 PTF: 4315-03			1/2 PTF: T74T-4AA-P1N
			3/4 PTF: 4315-04		3/4 PTF: T74B-6AA-P1N	3/4 PTF: T74T-6AA-P1N

^{*1)} Please use a Quikmount pipe adaptor if the Quikclamp be mounted at inlet or outlet side.



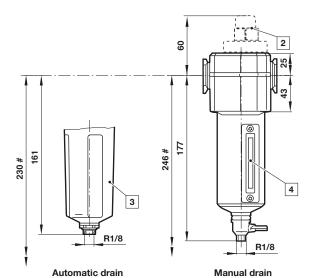
*1) for shut-off valves



Dimensions in mm

Projection/First angle

Drawings



- # Minimum clearance required to remove bowl
 Main ports 3/8", 1/2" or 3/4"
- 2 Service life indicator on request
- 3 Transparent bowl with guard
- 4 Metal bowl with liquid level indicator lens

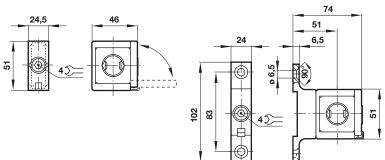
69 80 1

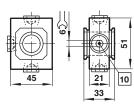
Accessories Quikclamp®

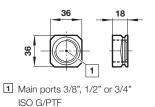
Quikclamp® with wall bracket

Porting block

Pipe adapter

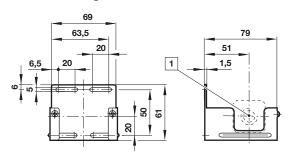






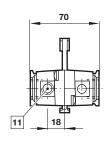
10 Ports 1/4" ISO G/PTF plugged

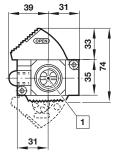
Wall mounting bracket



1 Main ports

Shut-off valves





- Main ports 3/8", 1/2" or 3/4" ISO G/PTF
- 11 Exhaust port 1/8"

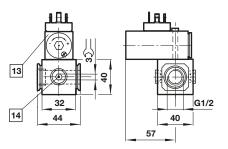


Porting block for pressure switch

Dimensions in mm Projection/First angle







- 13 Pressure switch is not in scope of delivery
- 14 Alternative G1/4 ports plugged

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- Port size: 1/4" or 3/8" (ISO G/PTF)
- > Excelon design allows in-line installation or modular installation with other Excelon products
- > High efficiency oil and particle removal
- > Quick release bayonet bowl
- Service indicator standard





Materials:

Body: Zinc
Transparent bowl: PC
Metal bowl: Zinc
Liquid level indicator lens (metal
bowl): Transparent nylon
Element: Synthetic fibre & PU foam
Elastomers: CR & NBR
Service life indicator: Transparent
PA body, Acetal internal parts,
stainless steel spring,
NBR elastomers

Technical features

Medium:

Compressed air only

Maximum operating pressure:

Transparent bowl:

10 bar (145 psi)

Metal bowl:

17 bar (250 psi)

Metal and transparent bowl with

automatic drain:

8 bar (116 psi)

Remaining oil content:

0,01 mg/m³ at +21°C (+69°F)

Particle removal:

To 0,01 µm

Port size:

G1/4, G3/8, 1/4" or 3/8" PTF

Flow:

4,5 dm³/s at port size: G1/4

Operating pressure: 6,3 bar (91 psi) **Drain:**

Manual, automatic or semi automatic

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: > 0,35 bar (5 psi)
Bowl pressure required to open drain: ≤ 0,2 bar (2.9 psi)
Minimum air flow required to close drain: 0,1 dm³/s (0.2 scfm)
Manual operation: depress pin inside drain outlet to drain bowl

Semi automatic drain operating conditions (pressure operated):

Bowl pressure required to close drain: Greater than 0,1 bar (1.5 psig)

Bowl pressure required to open drain: Less than 0,1 bar (1.5 psig) Minimum air flow required to close drain: 0,5 dm³/s (1 scfm)

Ambient/Media temperature:

Transparent bowl:
-34 ... +50°C (-29 ... +122°F)
Metal bowl:
-34 ... +65°C (-29 ... +149°F)
Air supply must be dry enough
to avoid ice formation at

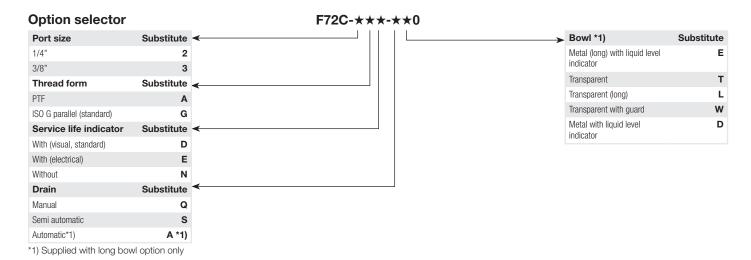
temperatures below +2°C (+35°F).

Note:

Install an F72G filter with a 5 µm filter element upstream of the F72C filter for maximum service life.

Technical data - standard models

Symbol	Port size	Size	Drain	Bowl	Weight (kg)	(lbs)	Model
N 61	G1/4	Basic	Manual	PC (transparent)	0,40		F72C-2GD-QT0
	G3/8	_	Manual	PC (transparent)	0,40		F72C-3GD-QT0
I							
I A	G1/4	Basic	Automatic	PC (transparent)	0,40		F72C-2GD-AL0
	G3/8	_	Automatic	PC (transparent)	0,40		F72C-3GD-AL0







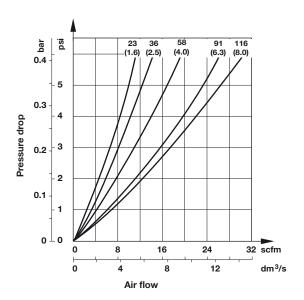
Typical performance characteristics

Inlet pressure (bar)	Maximum flow dm3/s*
1	1,8
3	3,1
5	4
6,3	4,5
7	4,7
9	5,4

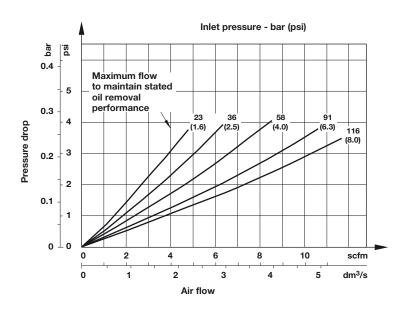
^{*} Maximum flow to maintain stated oil removal performance

Flow characteristics

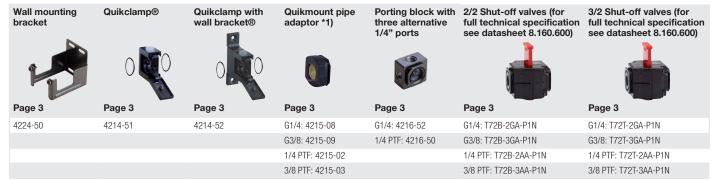
Port size: 1/4", dry element



Port size: 1/4", saturated element



Accessories



^{*1)} Please use a Quikmount pipe adaptor if the Quikclamp be mounted at inlet or outlet side.



^{*1)} for shut-off valves

Service kits Automatic drain Replacement element

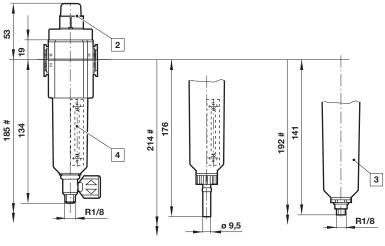


Drawings

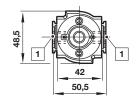
Dimensions in mm Projection/First angle







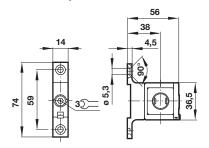
- Manual drain
- Semi-automatic drain
- **Automatic drain**



- # Minimum clearance required to remove bowl
- 1 Main ports 1/4" or 3/8"
- 2 Service life indicator
- 3 Transparent bowl
- 4 Metal bowl with liquid level indicator lens

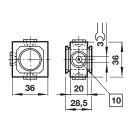
Accessories Quikclamp®

Quikclamp® with wall bracket



Porting block

Pipe adapter

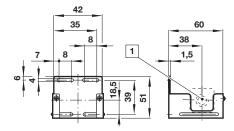


16 1 Main ports 1/4" or 3/8"

ISO G/PTF

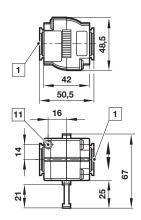
 $\boxed{\mathbf{10}}$ Ports (G1/4 or 1/4 NPT) plugged

Wall mounting bracket



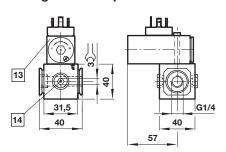
1 Main ports

Shut-off valves



- 1 Main ports 1/4" or 3/8" ISO G/PTF
- 11 Exhaust port M5 at 3/2 valve only

Porting block for pressure switch



- 13 Pressure switch is not in scope of delivery
- 14 Alternative G1/4 ports plugged



- > Port size: 1/4" ... 1/2" (ISO G/PTF)
- > Excelon design allows in-line installation or modular installation with other Excelon products
- > High efficiency oil and particle removal
- > Quick release bayonet bowl
- > Service indicator standard







Technical features

Medium:

Compressed air only

Maximum inlet pressure:

Transparent bowl: 10 bar (145 psi) Metal bowl: 17 bar (250 psi)

Remaining oil content:

0,01 mg/m3 at +21°C (69°Fi)

Particle removal:

To 0,01 µm

Port size:

G1/4, G3/8, G1/2, 1/4 PTF, 3/8 PTF, 1/2 PTF

Flow:

10 dm³/s at port size: G3/8 Operating pressure: 6,3 bar (91 psi) Drain:

Manual, automatic

Automatic drain operating

conditions (float operated):

Bowl pressure required to close drain: > 0,3 bar (5 psi) Bowl pressure required to open drain: ≤ 0,2 bar (2.9 psi) Minimum air flow required to close drain: 0,1 dm³/s (0.2 scfm) Manual operation: depress pin inside drain outlet to drain bowl

Ambient/Media temperature:

Transparent bowl: -34 ... +50°C (-30 ... +122°F) Metal bowl: -34 ... +65°C (-30 ... +150°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Install an F73G filter with a 5 µm filter element upstream of the F73C filter for maximum service life.

Materials:

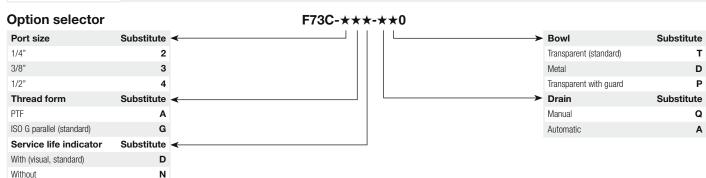
Body: die cast aluminium Bowl: transparent PC, with or without steel guard alternative aluminium Element: synthetic fibre &

PF foam

Elastomers: CR & NBR

Technical data - standard models

Symbol	Port size	Size	Drain	Bowl	Weight (kg)	Model
	G1/4	_	Manual	PC (transparent)	0,54	F73C-2GD-QT0
	G3/8	Basic	Manual	PC (transparent)	0,54	F73C-3GD-QT0
•	G1/2	_	Manual	PC (transparent)	0,54	F73C-4GD-QT0
I						
NA	G1/4	_	Automatic	PC (transparent)	0,54	F73C-2GD-AT0
	G3/8	Basic	Automatic	PC (transparent)	0,54	F73C-3GD-AT0
•	G1/2	_	Automatic	PC (transparent)	0,54	F73C-4GD-AT0

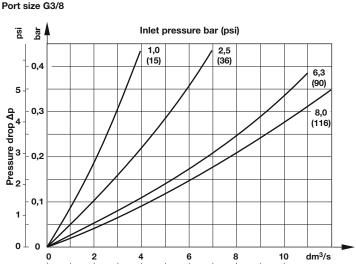






Flow characteristics

Element saturated



12

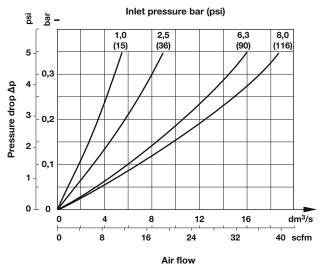
Air flow

16

20

scfm

Element dry Port size G3/8

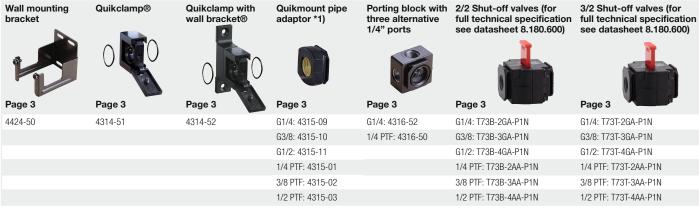


Typical performance characteristics

Inlet pressure (bar)	Maximum flow dm ³ /s* F73C
1	4
2,5	6,3
6,3	10
8	11,3

^{*} Maximum flow to maintain stated oil removal performance

Accessories



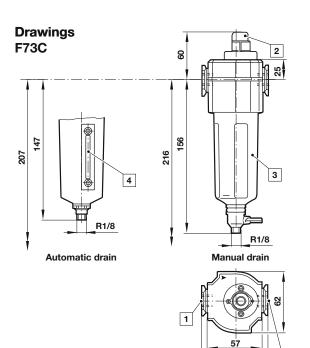
^{*1)} Please use a Quikmount pipe adaptor if the Quikclamp be mounted at inlet or outlet side.











Dimensions in mm Projection/First angle





- # Minimum clearance required to remove bowl
- 1 Main ports 1/4", 3/8" or 1/2"
- 2 Service life indicator
- 3 Transparent bowl with or without guard
- 4 Metal bowl with liquid level indicator lens

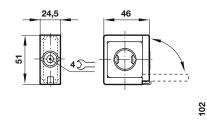
Accessories Quikclamp®

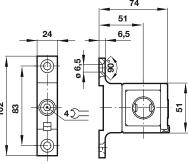
Quikclamp® with wall bracket

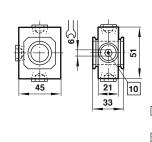
68

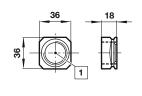
Porting block

Pipe adapter



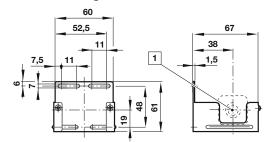






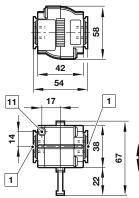
- **1** Main ports 3/8", 1/2" or 3/4" ISO G/PTF
- 10 Ports 1/4" ISO G/PTF plugged

Wall mounting bracket

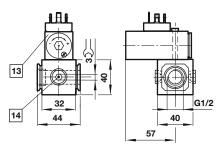


1 Main ports

Shut-off valves



Porting block for pressure switch



- 1 Main ports 1/4", 3/8" or 1/2" ISO G/PTF
- 11 Exhaust port M5 at 3/2 valve only
- 13 Pressure switch is not in scope of delivery
- 14 Alternative G1/2 ports plugged



- > Port size: 3/8" ... 3/4" (ISO G/NPT)
- > Excelon design allows in-line installation or modular installation with other Excelon products
- > High efficiency oil and particle removal
- > Quick release bayonet bowl
- > Service indicator standard







Technical features

Medium:

Compressed air only

Maximum operating pressure:

Transparent bowl: 10 bar (145 psi) Metal bowl:

17 bar (250 psi)

Remaining oil content:

0,01 mg/m3 at +21°C (69°F)

Particle removal:

To 0,01 µm

Port size:

G3/8, G1/2, G3/4 3/8 PTF 1/2 PTF, 3/8 PTF

Flow:

Maximum flow to maintain stated oil removal performance F74C: 16 dm³/s, F74H 28 dm³/s at port size: 1/2"

Operating pressure: 6,3 bar (91 psi) Drain:

Manual, automatic

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: > 0,35 bar (5 psi) Bowl pressure required to open drain: ≤ 0,2 bar (2.9 psi) Minimum air flow required to close drain: 1 dm³/s (2 scfm) Manual operation: depress pin inside drain outlet to drain bowl

Ambient/Media temperature:

Transparent bowl: -34 ... +50°C (-29 ... +122°F) Metal bowl: -34 ... +65°C (-29 ... +149°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Install an F74G filter with a 5 µm filter element upstream of the F74C/H filter for maximum service life.

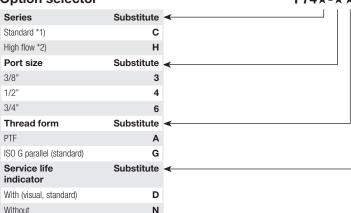
Materials:

Body: Die cast aluminium Bowl: Transparent PC with steel guard or die cast aluminium Element: Synthetic fibre & PE foam Elastomers: CR & NBR

Technical data - standard models

Symbol	Port size	Size	Drain	Bowl with guard	Weight (kg)	Model
	G3/8		Manual	PC (transparent)	0,85	F74C-3GD-QP0
	G1/2	Basic	Manual	PC (transparent)	0,83	F74C-4GD-QP0
•	G1/2	Basic	Manual	PC (transparent)	1,11	F74H-4GD-QP0
Ť	G3/4		Manual	PC (transparent)	1,10	F74H-6GD-QP0
N	G3/8		Automatic	PC (transparent)	0,85	F74C-3GD-AP0
	G1/2	Basic	Automatic	PC (transparent)	0,83	F74C-4GD-AP0
•	G1/2	Basic	Automatic	PC (transparent)	1,11	F74H-4GD-AP0
	G3/4		Automatic	PC (transparent)	1,10	F74H-6GD-AP0

Option selector



Standard ~ I)	C
High flow *2)	н
Port size	Substitute
3/8"	3
1/2"	4
3/4"	6
Thread form	Substitute
PTF	Α
ISO G parallel (standard)	G

Metal D P Transparent with guard (standard) Drain Substitute Manual Q Automatic Α

➤ Bowl

^{*2)} available with 1/2 or 3/4" ports



Substitute

^{*1)} available with 3/8 or 1/2" ports



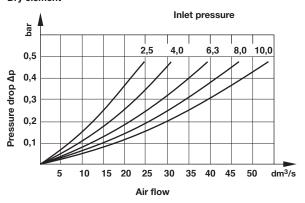
Typical performance characteristics

Inlet pressure (bar)	Maximum flow dm³/s* F74C	F74H
1	6,4	11,2
3	11	19,3
5	14,3	24,9
6,3	16	28
7	16,9	29,5
9	19,1	33,5

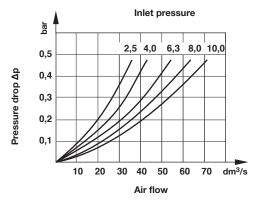
^{*} Maximum flow to maintain stated oil removal performance

Flow characteristics

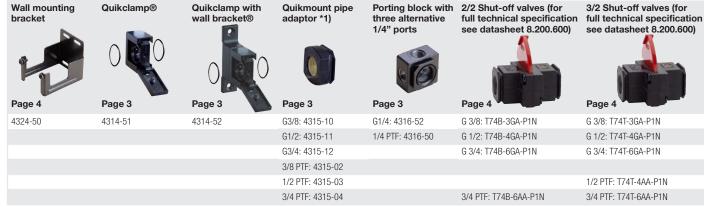
F74C Port size 1/4" Dry element







Accessories



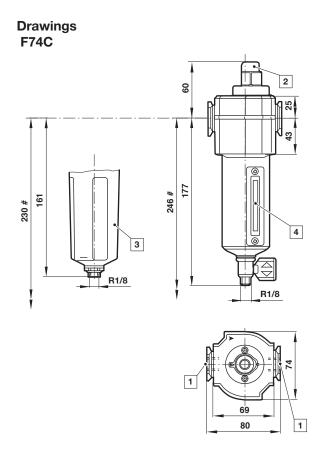
^{*1)} Please use a Quikmount pipe adaptor if the Quikclamp be mounted at inlet or outlet side.

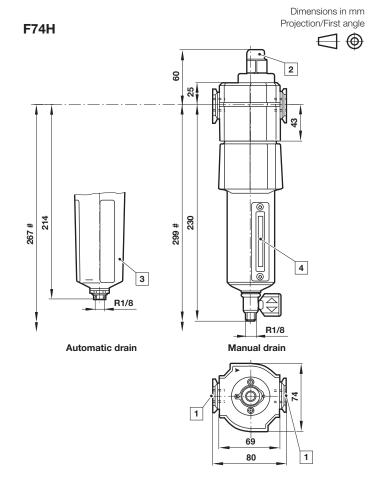


^{*1)} for shut-off valves

Service kits Manual drain Automatic drain element F74H-KITMOC F74H-KITAOC F74C-KITMOC F74C-KITAOC 4344-02 F74C-KITMOC F74C-KITAOC 4344-01







- # Minimum clearance required to remove bowl
- 1 Main ports 3/8", 1/2" or 3/4"
- 2 Service life indicator
- 3 Transparent bowl with guard
- 4 Metal bowl with liquid level indicator lens

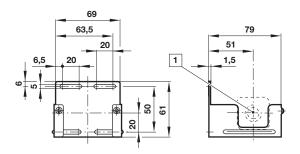
Accessories Quikclamp® with wall bracket Porting block Pipe adapter Accessories Quikclamp® with wall bracket Porting block Pipe adapter Accessories Quikclamp® with wall bracket Porting block Pipe adapter Accessories Accessories Accessories Quikclamp® with wall bracket Porting block Pipe adapter Accessories Acc



Dimensions in mm Projection/First angle

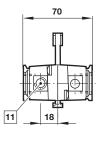
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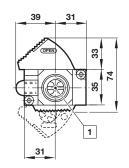
Wall mounting bracket



1 Main ports

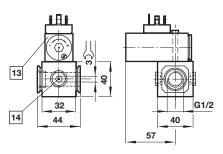
Shut-off valves





- 1 Main ports 3/8", 1/2" or 3/4" ISO G/PTF
- 11 Exhaust port 1/8"

Porting block for pressure switch



- 13 Pressure switch is not in scope of delivery
- 14 Alternative G1/4 ports plugged

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under

»Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI Precision Engineering, Norgren Inc.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.



- > Port size: 3/8" ... 3/4" (ISO G/NPT)
- > Excelon design allows in-line or modular installation with other **Excelon products**
- > Adsorbing type activated carbon element removes oil vapours and most hydrocarbon odours

> Quick release bayonet



Technical features

Medium:

Compressed air only

Maximum operating pressure:

17 bar (250 psi)

Remaining oil content:

0,003 mg/m³ max. at +21°C (69°F)

Port size:

G3/8, G1/2, G3/4, 3/8 PTF 1/2 PTF, 3/8 PTF Flow:

13,3 dm³/s

To maintain stated oil content at port size: G1/2,

Operating pressure: 6,3 bar (91 psi)

Bowl:

0,2 litre

Ambient/Media temperature:

-20° ... +65°C (-4° ... +149°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F). Materials:

Body: Die cast alminium Metal bowl: Die cast alminium Element: Activated carbon &

alminium

Elastomers: CR & NBR

Technical data - standard models

Symbol	Port size	Size	Bowl	Weight (kg)	Model
^	G3/8	_	Aluminium	1,15	F74V-3GN-EMA
$\langle \rangle$	G1/2	Basic	Aluminium	1,14	F74V-4GN-EMA
V	G3/4	_	Aluminium	1,12	F74V-6GN-EMA

Option selector

F74V-★★N-EMA

Port size	Substitute
3/8"	3
1/2"	4
3/4"	6

~	Thread form	Substitute
	NPT	Α
	ISO G parallel (standard)	G

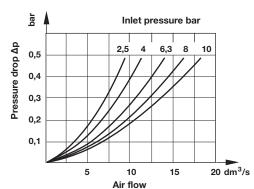
Typical performance characteristics

Inlet pressure (bar)	Maximum flow dm³/s*
2,5	8,7
4	10,7
6,3	13,3
8	15,6
10	17,6

* Maximum flow to maintain stated oil removal performance

Flow characteristics

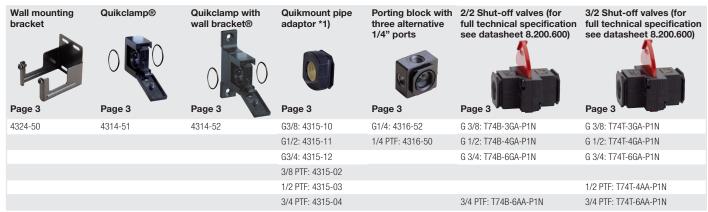
Port size 1/2"







Accessories



^{*1)} Please use a Quikmount pipe adaptor if the Quikclamp be mounted at inlet or outlet side.

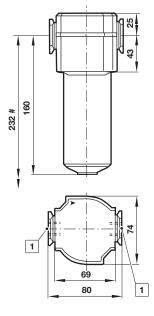




Service kits

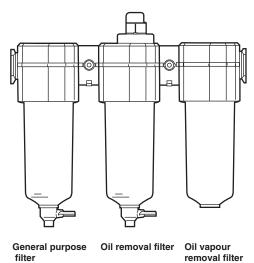


Drawings



Minimum clearance required to remove bowl 1 Main ports 3/8", 1/2" or 3/4"

Oil vapour removal filters must be protected upstream by an oil removal filter. A typical assembly:



Dimensions in mm Projection/First angle







Accessories

Dimensions in mm Projection/First angle

Quikclamp®

Quikclamp® with wall bracket

Porting block

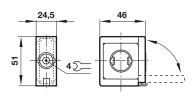
Pipe adapter

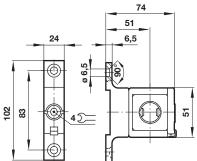
35

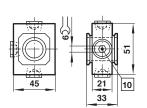
1

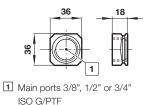
31





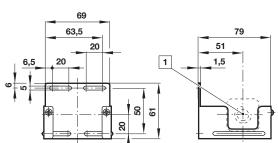






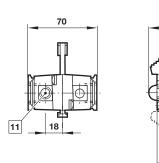
10 Ports 1/4" ISO G/PTF plugged

Wall mounting bracket



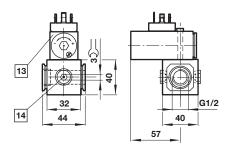
1 Main ports

Shut-off valves



- 1 Main ports 3/8", 1/2" or 3/4" ISO G/PTF
- 11 Exhaust port 1/8"

Porting block for pressure switch



- 13 Pressure switch is not in scope of delivery
- 14 Alternative G1/4 ports plugged

Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under

»Technical features/data«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult IMI Precision Engineering, Norgren Inc.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

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System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.



F84G - General purpose filter Excelon® Plus Modular System

- Port size: 3/8" ... 3/4" (ISO G/ PTF)
- > Excelon° Plus design allows in-line installation or modular installation with other Excelon° Plus products
- > 5 or 40 micron particle and high efficiency water removal (> 98%)
- > Double safety lock bow
- Light weight polycarbonate bowl

- Metal bowl with prismatic liquid level indicator lens
- > High Corrosion resistance: Body and Metal bowl with electrophoretic paint finish
- > Air purity classes in accordance to ISO8573-1:2010: 7:8:4 (40µm) 6:8:4 (5µm)
- > EX DoC in accordance with 2014/34/EU/ATEX





Technical features

Medium:

Compressed air only

Maximum supply pressure:

Polycarbonate bowl: 10 bar (145 psi) Metal bowl: 20 bar (290 psi)

Filter element:

5 μm & 40 μm

Port size:

G3/8, G1/2, G3/4, 3/8 PTF, 1/2 PTF, 3/4 PTF

Flow:

78 dm³/s at port size: 1/2", operating pressure 6,3 bar (91 psi) and a Δp: 0,5 bar (7,25 psi)

drop from set. Filter element: 40 µm

Drain

Manual or automatic

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: > 0,35 bar (5 psi)
Bowl pressure required to open drain: ≤ 0,2 bar (2,9 psi)
Minimum air flow required to close drain: 1 dm³/s (2 scfm)

Ambient/Media temperature:

Polycarbonate bowl: -10 ... +60°C (14 ... +140°F) Metal bowl: -20 ... +65°C (-4 ... +149°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Atex:

Filters F84 are in conformity with Atex 2014/34/EU (x) II 2 GD

Ex h IIC T6 Gb EX h IIIC T85°C Db

Materials:

Body: Die cast aluminium Body covers: ABS Transparent Bowl : Polycarbonate with Polyproplyene

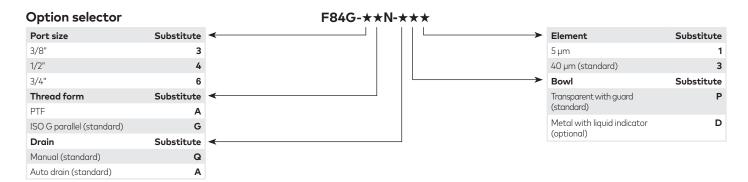
Metal Bowl: Die cast Aluminium with PA liquid level indicator lens Filter element: sintered PP Bowl 'o'- ring: Chloroprene Elastomers: NBR

Technical data F84G - standard models

Symbol	Port size	Drain	Filter element	Bowl	Weight	Model
			(μm)		(kg)	
	G3/8	Auto	40	Guarded polycarbonate	0,38	F84G-3GN-AP3
	G1/2	Auto	40	Guarded polycarbonate	0,38	F84G-4GN-AP3
→	G3/4	Auto	40	Guarded polycarbonate	0,38	F84G-6GN-AP3
	G3/8	Auto	40	Metal with level indicator	0,52	F84G-3GN-AD3
,	G1/2	Auto	40	Metal with level indicator	0,52	F84G-4GN-AD3
	G3/4	Auto	40	Metal with level indicator	0,52	F84G-6GN-AD3
	G3/8	Manual	40	Guarded polycarbonate	0,38	F84G-3GN-QP3
	G1/2	Manual	40	Guarded polycarbonate	0,38	F84G-4GN-QP3
	G3/4	Manual	40	Guarded polycarbonate	0,38	F84G-6GN-QP3
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	G3/8	Manual	40	Metal with level indicator	0,52	F84G-3GN-QD3
	G1/2	Manual	40	Metal with level indicator	0,52	F84G-4GN-QD3
	G3/4	Manual	40	Metal with level indicator	0,52	F84G-6GN-QD3







Excelon Plus adheres to the following harmoised standard and technical specifications:

2014/34/EU Equipment and protective systems intended for use in potentially explosive atmospheres.

The following harmonised standards and technical specifications have been applied ISO 4414:2010 – Pneumatic fluid power – General rules and safety requirements for systems and their components; ISO 80079-36:2016 – Explosive atmospheres – Part 36: Non-electrical equipment for explosive atmospheres – Basic method and requirements; ISO 80079-37:2016 – Explosive atmospheres

Part 37: Non-electrical equipment for explosive atmospheres – Non-electrical type of protection constructional safety "c", control of ignition sources "b", liquid immersion "k".



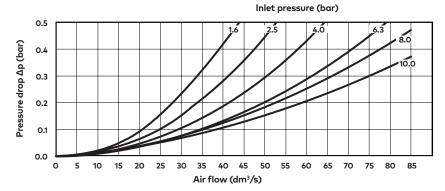
Ex h IIC T6 Gb Ex h IIIC T85°C Db

ATEX Certification No.: NORGREN 18.0001X

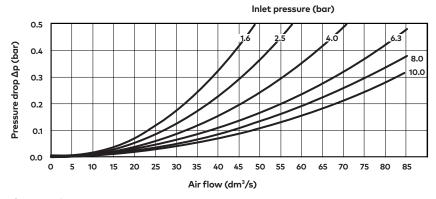


Flow characteristics

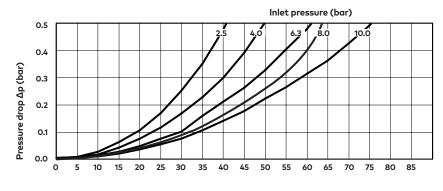
Element 40 µm Port size: 1/2"



Element 5 µm Port size: 1/2"

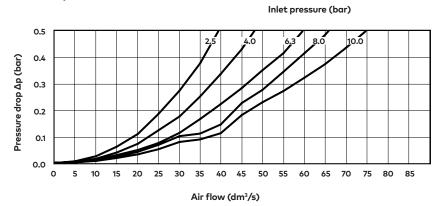


Element 40 µm Port size:3/8"



Air flow (dm³/s)

Element 5 µm Port size: 3/8"





Accessories











*1) To connect new Excelon Plus to old Excelon 74/73 units. Having the same hole centres as $74\ \mathrm{series}$ mounting bracket. A Quikclamp adds 13.6 mm to the overall width of a combination











Page 8

840028-53KIT









Page 8

840028-50KIT





*1) Flanged version. For other pressure ranges, please see data sheet 5.11.001 *2) For other pressure ranges, please see data sheet 5.11.385



Description	Cable length (m)	Model
	0,6	NC-084FS-124MS-A
MOC L MAD	1,0	NC-084FS-124MS-1
M8 female to M12 male	2,0	NC-084FS-124MS-2
	5,0	NC-084FS-124MS-5
M8 female to free end	5,0	NC-084FS-00000-5



Maintenance/Service























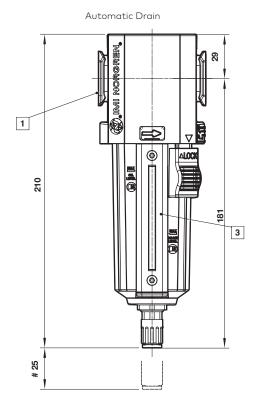


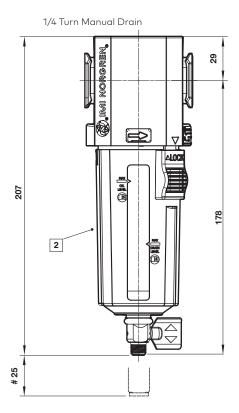
Dimensions

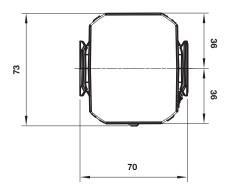
Dimensions in mm Projection/First angle

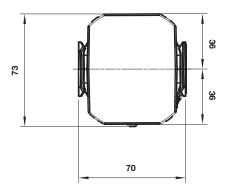












- # Minimum clearance for bowl removal
- 1 Main ports 3/8", 1/2" or 3/4" (ISO G/PTF)
- 2 Transparent bowl with guard
- 3 Metal bowl with liquid level indicator lens

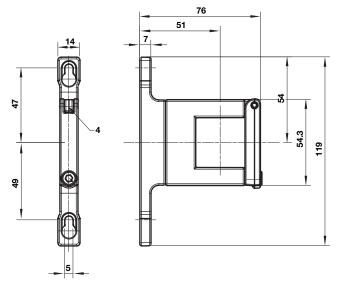


Accessories

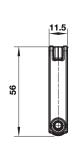
Dimensions in mm Projection/First angle

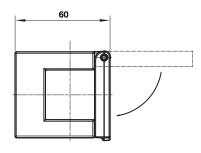


Quikclamp® with wall bracket

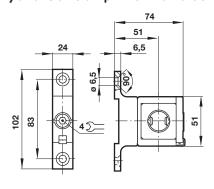


 $\mathbf{Quikclamp}^{\circ}$

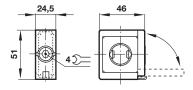




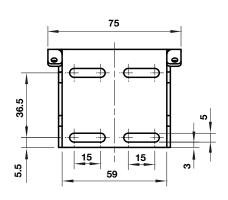
Hybrid-Quikclamp° with wall bracket

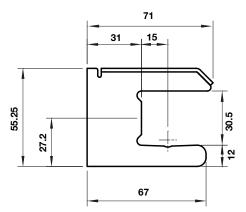


Hybrid-Quikclamp°

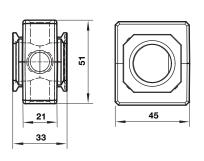


Mounting bracket





Pressure sensing block



08/22



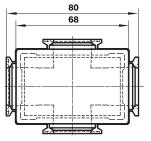
Full flow porting block horizontal

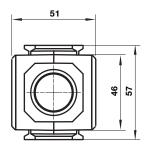
Full flow porting block vertical

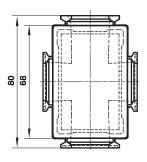
Dimensions in mm Projection/First angle

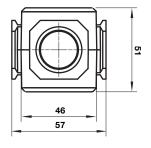




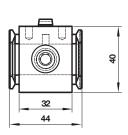


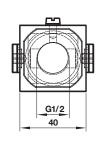




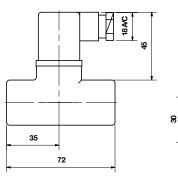


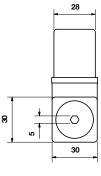
Porting block for 18D pressure switch



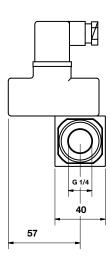


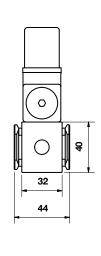
18D Pressure switch



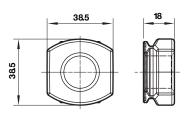


18D Porting block and 18D assembled



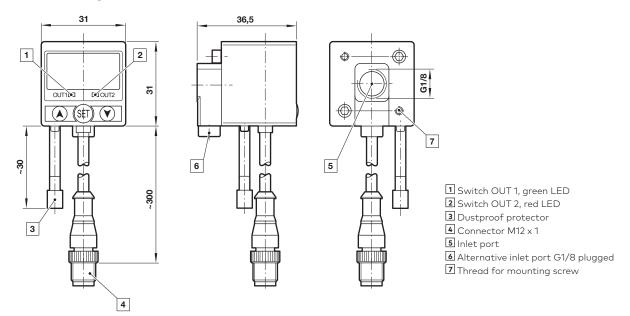


Pipe adaptor





51D Pressure switch - digital



Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/**

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult Norgren | td

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes.

The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.



HF84G - General purpose filter For Extreme Temperature applications Excelon® Plus Modular System





- Port size: 3/8" ... 3/4" (ISO G/PTF)
- > Excelon® Plus design allows in-line installation or modular installation with other Excelon® Plus products
- 5 or 40 micron particle and high efficiency water removal (> 98%)
- > Easy filter maintenance system. Element is removed together with the bowl for faster and cleaner servicing
- > Double safety lock bowl

- Salt Spray compliant to ISO 9227
- > Air purity classes in accordance to ISO8573-1:2010: 7:8:4 (40µm) 6:8:4 (5µm)
- > ABS cover with High impact properties







Technical features

Medium:

Compressed air only

Maximum supply pressure:

20 bar (290 psi)

Filter element:

 $5\,\mu m$ & $40\,\mu m$

Port size:

G3/8, G1/2, G3/4, 3/8 PTF, 1/2 PTF, 3/4 PTF

Flow:

78 dm³/s at port size: 1/2", operating pressure 6.3 bar (91 psi) and a Δ p: 0.5 bar (7.25 psi) drop from set.

Filter element: 40 µm

Drain:

Manual or automatic

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: > 0.35 bar (5 psi) Bowl pressure required to open drain: ≤ 0.2 bar (2.9 psi) Minimum air flow required to close drain: 1 dm³/s (2 scfm)

Ambient/Media temperature:

-40 ... +80°C (-40 ... +176°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Atex

Filters HF84 are in conformity with Atex 2014/34/EU

⟨£x⟩ || 2 GD Ex h ||C T6 Gb EX h ||IC T85°C Db

Materials:

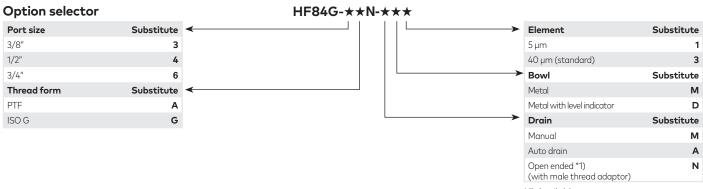
Body: Die cast aluminium Body covers: ABS (Magnum 3904) Metal Bowl: Die cast Aluminium Filter element: sintered Polypropylene Bowl O-ring: Low temperature Nitrile Elastomers: Low temperature Nitrile

Technical data HF84G - standard models

Symbol	Port size	Drain	Filter element	Bowl	Weight	Model
			(μm)		(kg)	
^	G3/8	Manual	40	Metal with level indicator	0.51	HF84G-3GN-MD3
←	G1/2	Manual	40	Metal with level indicator	0.50	HF84G-4GN-MD3
Y	G3/4	Manual	40	Metal with level indicator	0.48	HF84G-6GN-MD3
\wedge	G3/8	Auto	40	Metal with level indicator	0.51	HF84G-3GN-AD3
	G1/2	Auto	40	Metal with level indicator	0.51	HF84G-4GN-AD3
	G3/4	Auto	40	Metal with level indicator	0.49	HF84G-6GN-AD3



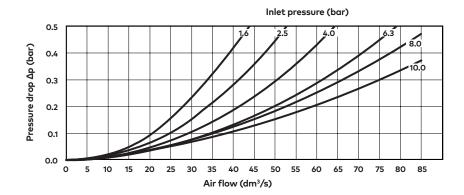




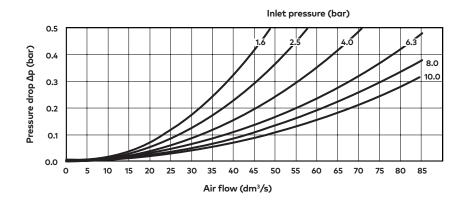
^{*1)} Available on request

Flow characteristics

Element 40 µm Port size: 1/2"



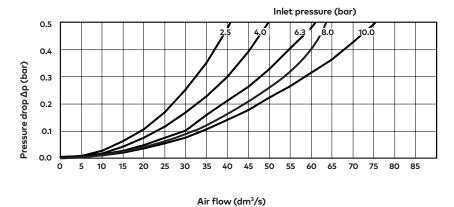
Element 5 µm Port size: 1/2"



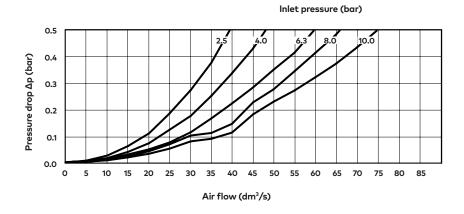


Flow characteristics

Element 40 µm Port size:3/8"

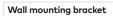


Element 5 µm Port size: 3/8"





Accessories





Page 6

840024-50KIT

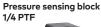




H840014-52KIT





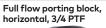




Page 6

H840016-50KIT







Page 6

H840028-50KIT



Digital pressure switch

51D (-1 ... 10 bar) *2

Page 6

Page 8

0860810

H840028-53KIT

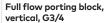






Page 6

H840028-68KIT





Page 6

H840028-69KIT

Pressure switch 18D (0,5 ... 8bar) *4



Page 8

0881300

*2) -20 ... +60°C (-4 ... +140°F) *4) -10°... +85°C (-14° ...+185°F)

Pressure switch interface block (18D pressure switch) G1/4



Page 6

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Maintenance/Service



H840038-50KIT

Filter cartridge 40 micron



H840038-51KIT

Auto drain kit with metal Nut



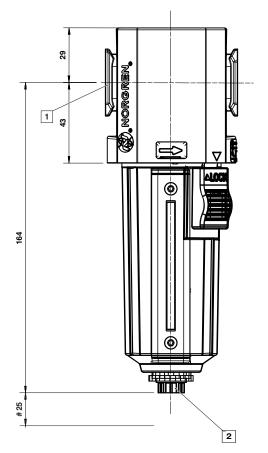
Dimensions

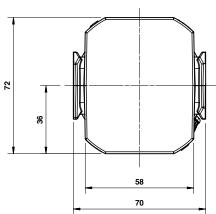
Automatic Drain

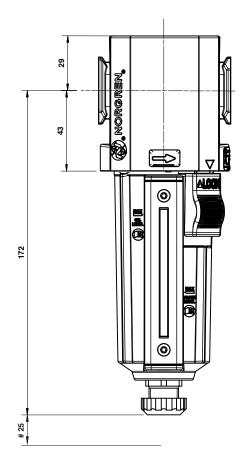
Manual Drain









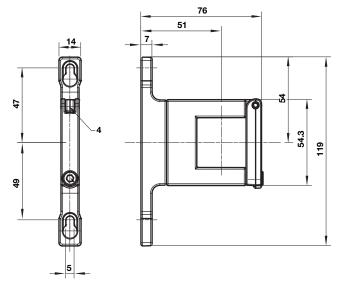


- # Minimum clearance for bowl removal
- **1** Main ports 3/8", 1/2" or 3/4" (ISO G/PTF)
- 2 Port size automatic drain : G1/8



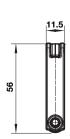
Accessories

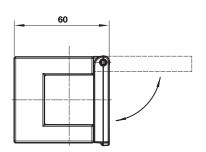
Quikclamp® with wall bracket



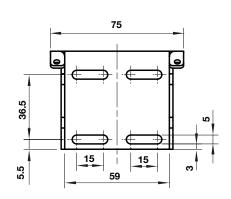
Quikclamp°

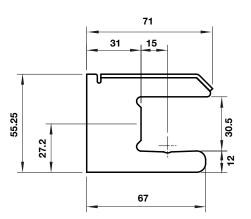




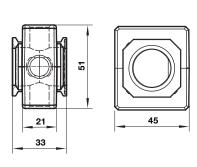


Mounting bracket

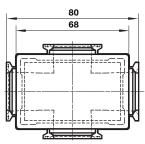


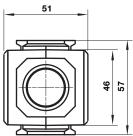


Pressure sensing block

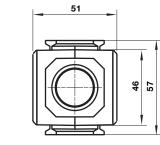


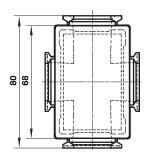
Full flow porting block horizontal



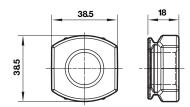


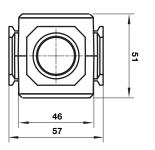
Full flow porting block vertical





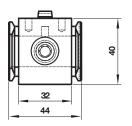
Pipe adaptor

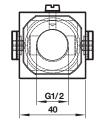




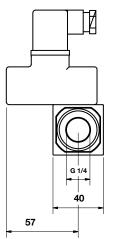


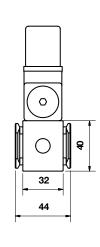
Porting block for 18D pressure switch



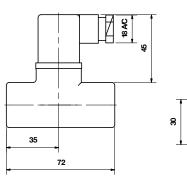


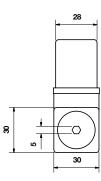
18D Porting block and 18D assembled





18D Pressure switch

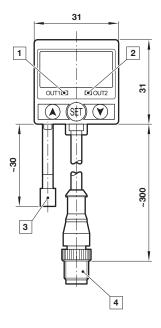


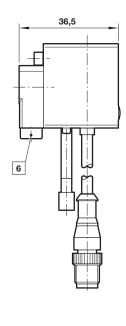


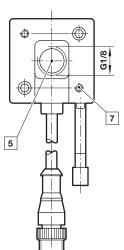
Dimensions in mm

Projection/First angle

51D Pressure switch - digital







- 1 Switch OUT 1, green LED
- 2 Switch OUT 2, red LED
- 3 Dustproof protector
- 4 Connector M12 x 1
- 5 Inlet port
- 6 Alternative inlet port G1/8 plugged
- 7 Thread for mounting screw

Warning

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F84V - Oil vapour removal filters Excelon® Plus Modular System

- Port size: 3/8" ... 3/4" (ISO G/PTF)
- > Excelon® Plus design allows in-line installation or modular installation with other Excelon® Plus products
- Adsorbing type activated carbon element removes oil vapours and most hydrocarbon odours
- > Double safety lock bowl
- Light weight polycarbonate bowl

- > High Corrosion resistance: Body and Metal bowl with electrophoretic paint finish
- Air purity class in accordance with ISO8573-1:2010: -:7:0* *Tested in accordance with the methods laid out in ISO 12500-2 using an inlet oil aerosol concentration of 0.018mg/m³
- > EX DoC in accordance with 2014/34/EU/ATEX



Technical features

Medium:

Compressed air only

Maximum operating pressure:

Polycarbonate bowl: 10 bar (145 psi)

Metal bowl: 20 bar (290 psi)

Remaining oil content:

 $0,003 \text{ mg/m}^3 \text{ max. at } +21^{\circ}\text{C}$ (+69°F)

Port size:

G3/8, G1/2, G3/4, 3/8 PTF, 1/2 PTF, 3/4 PTF

Flow:

25 dm³/s

To maintain stated oil content at port size: G1/2

Operating pressure:

6,3 bar (91 psi)

Atex

Filters F84 are in conformity with Atex 2014/34/EU

(ξ_x)∥2GD

Ex h IIC T6 Gb EX h IIIC T85°C Db

Ambient/Media temperature:

-20 ... +65°C (-4 ... +149°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Note:

Install an F84C coalescing filter upstream of the F84V filter for maximum service life.

Materials:

Body: Die cast aluminium Body covers: ABS Transparent Bowl : Polycarbonate with Polyproplyene Guard. Metal Bowl: Die cast Aluminium Bowl 'o'- ring: Chloroprene Elastomers: NBR

Technical data F84V - standard models

Symbol	Port size	Drain	Filter element	Bowl	Weight	Model
			(µm)		(kg)	
	G3/8	Closed bowl	Vapor removal	Guarded polycarbonate	0,38	F84V-3GN-EPA
	G1/2	Closed bowl	Vapor removal	Guarded polycarbonate	0,38	F84V-4GN-EPA
\wedge	G3/4	Closed bowl	Vapor removal	Guarded polycarbonate	0,38	F84V-6GN-EPA
	G3/8	Closed bowl	Vapor removal	Metal bowl - no sight glass	0,52	F84V-3GN-EMA
	G1/2	Closed bowl	Vapor removal	Metal bowl - no sight glass	0,52	F84V-4GN-EMA
	G3/4	Closed bowl	Vapor removal	Metal bowl - no sight glass	0,52	F84V-6GN-EMA





Option selector F84V-★★N-E★A Port size Substitute Bowl Substitute 3/8 3 Metal 1/2" Р 4 Transparent with guard (standard) 6 3/4" Thread form Substitute PTF ISO G parallel (standard) G

Excelon Plus adheres to the following harmoised standard and technical specifications:

2014/34/EU Equipment and protective systems intended for use in potentially explosive atmospheres. The following harmonised standards and technical specifications have been applied ISO 4414:2010 – Pneumatic fluid power – General rules and safety requirements for systems and their components; ISO 80079-36:2016 – Explosive atmospheres – Part 36: Non-electrical equipment for explosive atmospheres – Basic method and requirements; ISO 80079-37:2016 – Explosive atmospheres

Part 37: Non-electrical equipment for explosive atmospheres – Non-electrical type of protection constructional safety "c", control of ignition sources "b", liquid immersion "k".



Ex h IIC T6 Gb Ex h IIIC T85°C Db

ATEX Certification No.: NORGREN 18.0001X

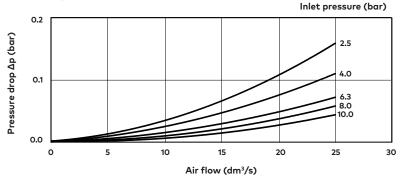
Typical performance characteristics

Inlet pressure	Maximum flow
(bar)	(dm ³ /s) *1)
2,50	15
4,00	20
6,30	25
8,00	28
10,00	30

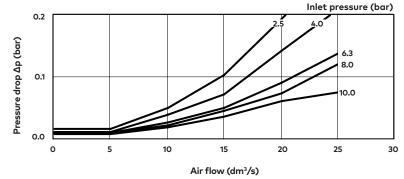
^{*1)} Maximum flow to maintain stated oil removal performance

Flow characteristics











Accessories









Having the same hole centres as 74 series mounting bracket. A Quikclamp adds 13.6 mm to the overall width of a combination unit





























Description	Cable length (m)	Model
	0,6	NC-084FS-124MS-A
MO C 1 1 MO 1	1,0	NC-084FS-124MS-1
M8 female to M12 male	2,0	NC-084FS-124MS-2
	5,0	NC-084FS-124MS-5
M8 female to free end	5,0	NC-084FS-00000-5

5.11.001

Maintenance/Service







^{*2)} For other pressure ranges, please see data sheet 5.11.385

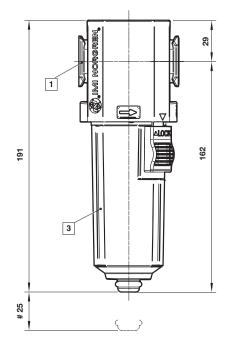


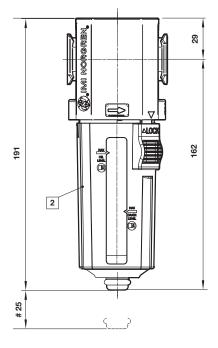
Dimensions

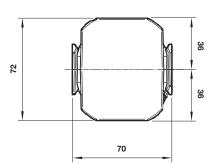
Dimensions in mm Projection/Third angle

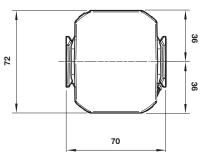












- # Minimum clearance for bowl removal
- **1** Main ports 3/8", 1/2" or 3/4" (ISO G/PTF)
- 2 Transparent bowl with guard
- 3 Metal bowl

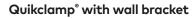


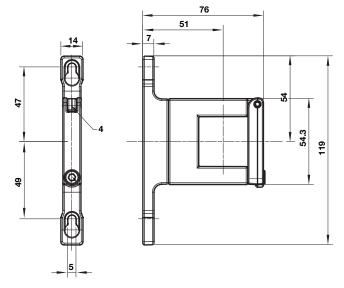
Accessories

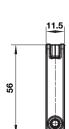
Quikclamp°

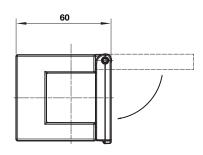
Dimensions in mm Projection/Third angle



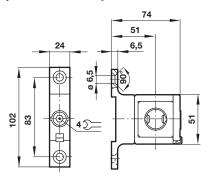




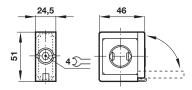




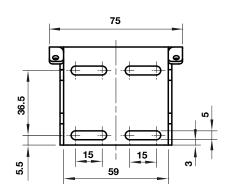
Hybrid-Quikclamp° with wall bracket

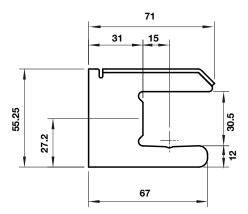


Hybrid-Quikclamp°

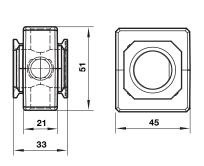


Mounting bracket





Pressure sensing block





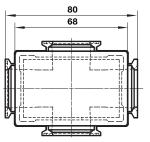
Full flow porting block horizontal

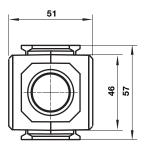
Full flow porting block vertical

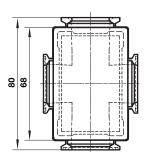
Dimensions in mm Projection/Third angle

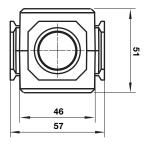




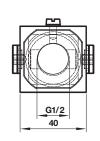




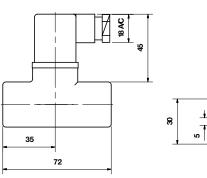


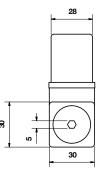


Porting block for 18D pressure switch

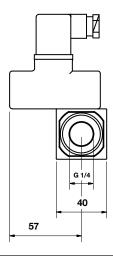


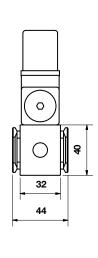
18D Pressure switch



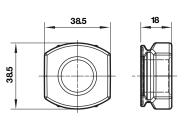


18D Porting block and 18D assembled





Pipe adaptor



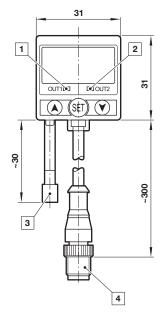


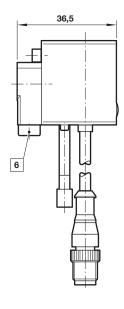
51D Pressure switch - digital

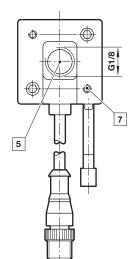
Dimensions in mm Projection/Third angle











- 1 Switch OUT 1, green LED
- 2 Switch OUT 2, red LED
- 3 Dustproof protector
- 4 Connector M12 x 1 5 Inlet port
- 6 Alternative inlet port G1/8 plugged
- $\begin{tabular}{c} \hline{\textbf{7}} \end{tabular}$ Thread for mounting screw

Warning

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HF84V - Oil vapour removal filter For Extreme Temperature applications Excelon® Plus Modular System

- > Port size: 3/8" ... 3/4" (ISO G/PTF)
- > Excelon® Plus design allows in-line installation or modular installation with other Excelon° Plus products
- > Adsorbing type activated carbon element removes oil vapours and most hydrocarbon odours
- > Easy filter maintenance system. Element is removed together with the bowl for faster and cleaner servicina

- > Double safety lock bowl
- > Salt Spray compliant to **ISO 9227**
- > Air purity class in accordance with ISO8573-1:2010: -:7:0*
 - *Tested in accordance with the methods laid out in ISO 12500-2 using an inlet oil gerosol concentration of 0.018mg/m³
- > ABS cover with High impact properties









Technical features

Medium:

Compressed air only

Maximum operating pressure:

20 bar (290 psi)

Remaining oil content:

 $0.003 \text{ mg/m}^3 \text{ max. at } +21^{\circ}\text{C}$ (+69°F)

Port size:

G3/8, G1/2, G3/4, 3/8 PTF, 1/2 PTF, 3/4 PTF

Flow:

 $25 \, dm^3/s$

To maintain stated oil content at port size: G1/2

Operating pressure:

6.3 bar (91 psi)

Filters HF84 are in conformity with Atex 2014/34/EU

⟨ξx⟩ II 2 GD

Ex h IIC T6 Gb EX h IIIC T85°C Db

Ambient/Media temperature:

-40 ... +80°C (-40 ... +176°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Install an HF84C coalescing filter upstream of the HF84V filter for maximum service life.

Materials:

Elastomers:

Body: Die cast aluminium Body covers: ABS (Magnum 3904) Metal Bowl: Die cast Aluminium Bowl O-ring: Low temperature Nitrile

Low temperature Nitrile

Technical data HF84V - standard models

Symbol	Port size	Drain	Filter element	Bowl	Weight	Model
					(kg)	
•	G3/8	Closed bowl	Vapor removal	Metal	0.51	HF84V-3GN-EMA
$\langle \rangle$	G1/2	Closed bowl	Vapor removal	Metal	0.50	HF84V-4GN-EMA
<u> </u>	G3/4	Closed bowl	Vapor removal	Metal	0.49	HF84V-6GN-EMA





Option selector

HF84V-★★N-EMA

Port size	Substitute	←		Thread form	
/8"	3			PTF	
/2"	4			ISO G parallel (standard)	
3/4"	6				

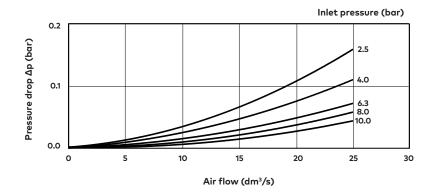
Typical performance characteristics

Inlet pressure	Maximum flow
(bar)	(dm³/s) *1)
2.50	15
4.00	20
6.30	25
8.00	28
10.00	30

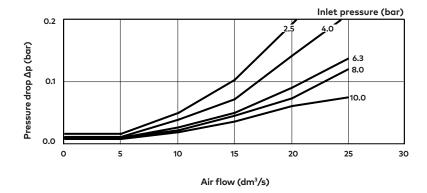
^{*1)} Maximum flow to maintain stated oil removal performance

Flow characteristics

Port size: 1/2"



Port size: 3/8"





Accessories



























*2) -20 ... +60°C (-4 ... +140°F) *4) -10°... +85°C (-14° ...+185°F)

Maintenance/Service

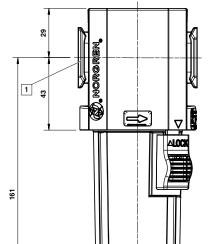


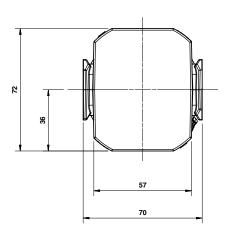


Dimensions

Dimensions in mm Projection/Third angle







Minimum clearance for bowl removal

1 Main ports 3/8", 1/2" or 3/4"
(ISO G/PTF)



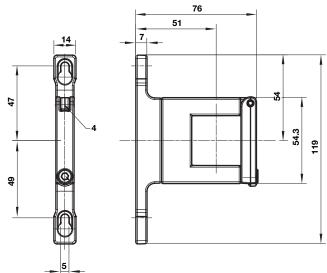
Accessories

Dimensions in mm Projection/First angle

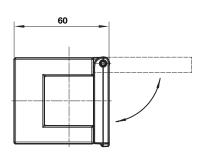
Quikclamp® with wall bracket



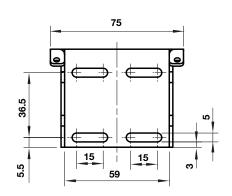


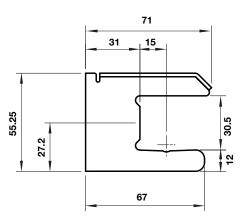




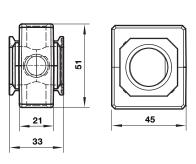


Mounting bracket



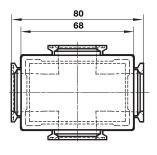


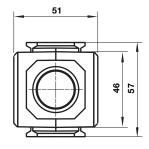
Pressure sensing block

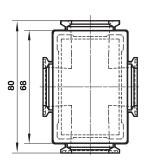


Full flow porting block horizontal

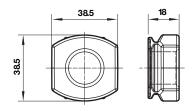
Full flow porting block vertical

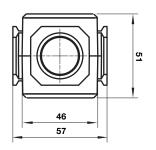






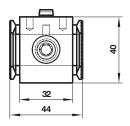
Pipe adaptor

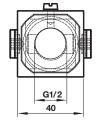






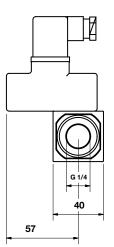
Porting block for 18D pressure switch

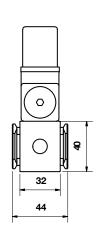




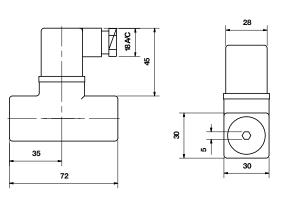
Dimensions in mm Projection/First angle

18D Porting block and 18D assembled

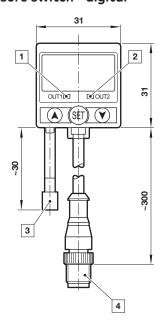


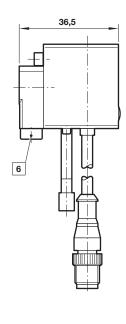


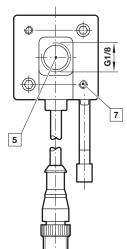
18D Pressure switch



51D Pressure switch - digital







- 1 Switch OUT 1, green LED
- 2 Switch OUT 2, red LED
- 3 Dustproof protector
- 4 Connector M12 x 1
- 5 Inlet port
- 6 Alternative inlet port G1/8 plugged
- 7 Thread for mounting screw

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F64G - Olympian Plus Plug-In System General purpose filter

- Port size: 1/4" ... 3/4" (ISO G/PTF)
- Effective liquid removal and positive solid filtration
- Large filter element area for minimum pressure drop
- > Quick release bayonet bowl



Technical features

Medium:

Compressed air only

Maximum operating pressure:

17 bar (246 psi)

Filter element:

 $40 \mu m$ (standard) $5 \mu m$ (optional)

Flow:

See diagrams on page 2

Port sizes:

1/4", 3/8", 1/2" or 3/4"

Drain

Manual or automatic

Automatic drain conditions:

Pressure to close drain:

> 0,3 bar (4.3 psi)

Pressure to open drain:

 $< 0.2 \, \text{bar} (2.9 \, \text{psi})$

Minimum air flow to close drain: 0,6 dm³/s (1.3 scfm)

Service life indicator:

Without (standard)
With on request

Bowl size:

0,2 litre (7 fluid oz)

Standard compliances:

II 2G Ex h IIC T6 Gb

Ambient/Media temperature:

-20° ... +80°C (-4° ... +176°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:

Body and yoke: Zinc alloy Connection piece: Aluminium Metal bowl: Aluminium Prismatic liquid level indicator: Grilamid

Filter element: Sintered plastic Element: Sintered bronze or

plastic Elastomers: NBR

Technical data, standard models

Symbol	Port size	Size	Filter element (µm)	Flow * (dm³/s)	Bowl	Drain	Weight (kg)	Model
	G1/4	_	40	33	Metal	Manual	1,42	F64G-2GN-MD3
\wedge	G3/8	_	40	66	Metal	Manual	1,42	F64G-3GN-MD3
$\rightarrow \downarrow \rightarrow$	G1/2	Basic	40	75	Metal	Manual	1,32	F64G-4GN-MD3
Y	G3/4	_	40	75	Metal	Manual	1,72	F64G-6GN-MD3
	Without yoke	_	40	_	Metal	Manual	0,92	F64G-NNN-MD3
	G1/4	_	40	33	Metal	Automatic	1,42	F64G-2GN-AD3
\wedge	G3/8	_	40	66	Metal	Automatic	1,4	F64G-3GN-AD3
-	G1/2	Basic	40	75	Metal	Automatic	1,37	F64G-4GN-AD3
	G3/4	_	40	75	Metal	Automatic	1,73	F64G-6GN-AD3
	Without yoke	_	40	_	Metal	Automatic	0,94	F64G-NNN-AD3

^{*} Typical flow with 10 bar (145 psi) inlet pressure, and 6,3 bar (91 psi) set pressure and 0,5 bar (7.2 psi) drop from set.

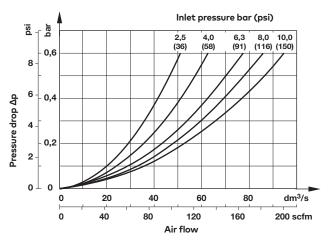
Option selector F64G-★★★-★D★ Port size Substitute Element Substitute 1/4" 2 5 µm 3/8 " 3 40 µm (standard) 3 1/2 " 4 Drain Substitute 6 Automatic Without yoke (standard) N Manual М Threads form Substitute Service life indicator Substitute Α Mechanical D ISO G (standard) G Without (standard) N Without yoke (standard) Ν





Flow characteristics

Port size: 1/2"; Filter element 40 µm





Accessories and service kit



Accessories

Access	Offes					
	Models with G-thread Single yoke	Double yoke	3/2 Shut-off valve Threaded inlet only	Threaded outlet only	End connector kit	Rear entry bracket kit
	PLUE C	0 0				
Thread	5				2	8
G1/4	Y64A-2GA-N1N	Y64A-2GA-N2N	T64T-2GB-P1N	T64T-2GC-P1N	_	_
G3/8	Y64A-3GA-N1N	Y64A-3GA-N2N	T64T-3GB-P1N	T64T-3GC-P1N	_	_
G1/2	Y64A-4GA-N1N	Y64A-4GA-N2N	T64T-4GB-P1N	T64T-4GC-P1N	74505-50	_
G3/4	Y64A-6GA-N1N*	Y64A-6GA-N2N*	T64T-6GB-P1N	T64T-6GC-P1N	74505-53	18-026-981
1/4 PTF	Y64A-2AA-N1N	Y64A-2AA-N2N	T64T-2AB-P1N	T64T-2AC-P1N	_	_
3/8 PTF	Y64A-3AA-N1N	Y64A-3AA-N2N	T64T-3AB-P1N	T64T-3AC-P1N	_	-
1/2 PTF	Y64A-4AA-N1N	Y64A-4AA-N2N	T64T-4AB-P1N	T64T-4AC-P1N	74505-52	_
3/4 PTF	Y64A-6AA-N1N*	Y64A-6AA-N2N*	T64T-6AB-P1N	T64T-6AC-P1N	74505-55	_

^{*}These yokes are supplied with two end connenctor kits as standard.



Service kit



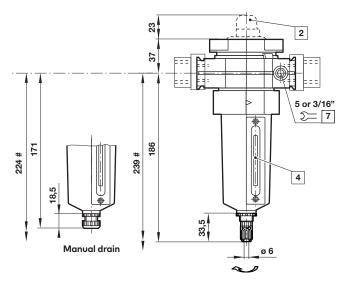


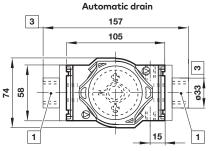
Basic dimensions

Dimensions in mm Projection/First angle



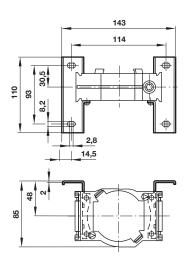




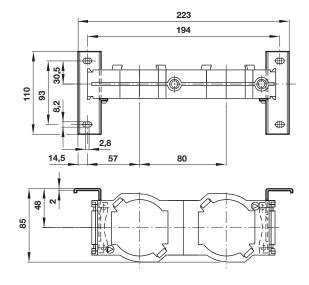


- # Minimum clearance required to remove bowl
- 1 Main ports 1/4", 3/8", 1/2" or 3/4"
- 2 Service indicator optional
- 3 For main ports 3/4" only
- 4 Sight glass
- 7 Gauge port 1/8"

Single yoke with bracket mounting

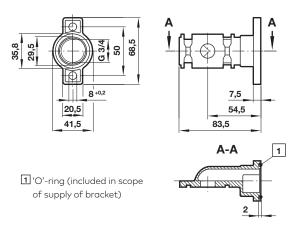


Double yoke with bracket mounting





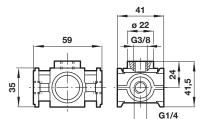
Rear entry bracket 18-026-981



Porting block 74507-50

Dimensions in mm Projection/First angle

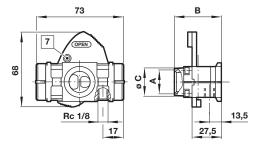




3/2 Shut-off valve

Symbol	Α	В	øС	Model
	G1/4	48	27	T64T-2G*-P1N
2	G3/8	48	27	T64T-3G*-P1N
	G1/2	48	27	T64T-4G*-P1N
1 3	G3/4	51	33	T64T-6G*-P1N

^{*} B = Threaded inlet only, C = Threaded outlet only



7 Padlock hole ø7,5 mm

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F64C, F64H - Olympian Plus Plug-In System Puraire high efficiency coalescing filter

- Port size: 1/4" ... 3/4" (ISO G/PTF)
- High efficiency coalescing filters
- Coalescing element removes sub-micron particles and converts
- oil and water mist to liquid form to drain away
- Service indicator standard
- Quick release bayonet bowl



Technical features

Medium:

Compressed air only

Maximum operating pressure:

17 bar (246 psi)

Flow:

See diagrams on page 2 **Remaining oil content:**

0,01 mg/m³ max at +21°C

(+70°F)

Particle removal:

To 0,01 µm
Port sizes:

1/4", 3/8", 1/2" or 3/4"

Drain:

Manual or automatic

Automatic drain conditions:

Pressure to close drain: > 0,3 bar (4.3 psi) Pressure to open drain: < 0,2 bar (2.9 psi)

Minimum air flow to close drain: $0.6 \text{ dm}^3/\text{s}$ (1.3 scfm)

Service life indicator:

Mechanical standard

Bowl size:

0,2 litre (7 fluid oz)

Standard compliances:

II 2G Ex h IIC T6 Gb II 2D Ex h IIIC T85° Db

Ambient/Media temperature:

-20° ... +65°C (-4° ... +149°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F). Note: Install an F64G filter with a 5 µm filter element upstream of the F64C/H filter for maximum service life.

Materials:

Body and yoke: Zinc alloy Connection piece: Aluminium Metal bowl: Aluminium Element: Composite Prismatic liquid level indicator:

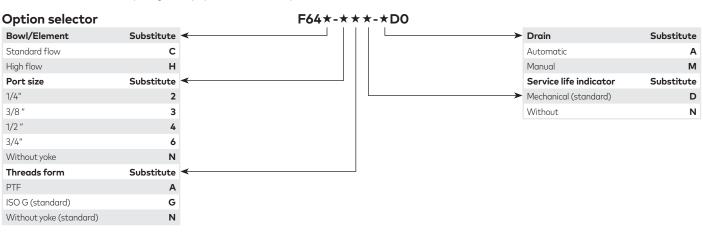
Grilamid

Elastomers: NBR

Technical data, standard models

Symbol	Port size	Size	Filter element (µm)	Flow * (dm³/s)	Bowl	Drain	Weight (kg)	Model
	G1/4	_	0,01	16	Metal	Manual	1,48	F64C-2GD-MD0
	G3/8	_	0,01	28	Metal	Manual	1,70	F64H-3GD-MD0
	G1/2	Basic	0,01	28	Metal	Manual	1,67	F64H-4GD-MD0
•	G3/4	-	0,01	28	Metal	Manual	2,01	F64H-6GD-MD0
T	Without yoke	_	0,01	_	Metal	Manual	1,24	F64C-NND-MD0
	Without yoke	_	0,01	_	Metal	Manual	1,24	F64H-NND-MD0
	G1/4	_	0,01	16	Metal	Automatic	1,48	F64C-2GD-AD0
No	G3/8	-	0,01	28	Metal	Automatic	1,70	F64H-3GD-AD0
	G1/2	Basic	0,01	28	Metal	Automatic	1,67	F64H-4GD-AD0
•	G3/4	_	0,01	28	Metal	Automatic	2,01	F64H-6GD-AD0
	Without yoke	_	0,01	-	Metal	Automatic	1,24	F64C-NND-AD0
	Without yoke	-	0,01	-	Metal	Automatic	1,24	F64H-NND-AD0

^{*} Maximum flow at 6,3 bar (91 psi) - guaranty optimum oil removal performace.

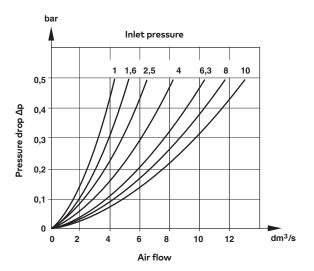




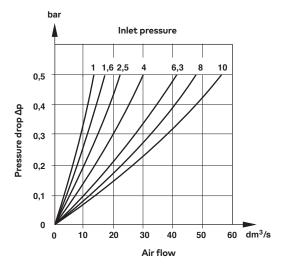


Flow characteristics

F64C Port size: 1/4"



F64H Port size: 1/2"



Typical performance characteristics

Inlet pressure (bar)	Maximum flow (dm³/s)* F64C	F64H
1	6,4	11,2
3	11,0	19,3
5	14,3	24,9
6,3	16,0	28,0
7	16,9	29,5
9	19,1	33,5

^{*} Maximum flow to maintain stated oil removal performance.



Accessories and service kit



Accessories

	Models with G-thread Single yoke	Double yoke	3/2 Shut-off valve Threaded inlet only	Threaded outlet only	End connector kit	Rear entry bracket kit
Thread	5	a o			2	8
G1/4	Y64A-2GA-N1N	Y64A-2GA-N2N	T64T-2GB-P1N	T64T-2GC-P1N	_	_
G3/8	Y64A-3GA-N1N	Y64A-3GA-N2N	T64T-3GB-P1N	T64T-3GC-P1N	_	_
G1/2	Y64A-4GA-N1N	Y64A-4GA-N2N	T64T-4GB-P1N	T64T-4GC-P1N	74505-50	_
G3/4	Y64A-6GA-N1N*	Y64A-6GA-N2N*	T64T-6GB-P1N	T64T-6GC-P1N	74505-53	18-026-981
1/4 PTF	Y64A-2AA-N1N	Y64A-2AA-N2N	T64T-2AB-P1N	T64T-2AC-P1N	_	_
3/8 PTF	Y64A-3AA-N1N	Y64A-3AA-N2N	T64T-3AB-P1N	T64T-3AC-P1N	_	_
1/2 PTF	Y64A-4AA-N1N	Y64A-4AA-N2N	T64T-4AB-P1N	T64T-4AC-P1N	74505-52	_
3/4 PTF	Y64A-6AA-N1N*	Y64A-6AA-N2N*	T64T-6AB-P1N	T64T-6AC-P1N	74505-55	-

^{*}These yokes are supplied with two end connenctor kits as standard.



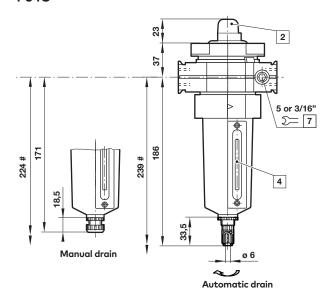
Service kit

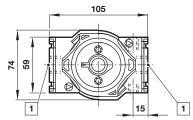




Basic dimensions

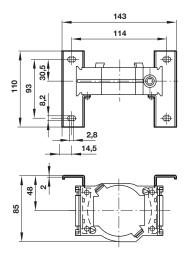
F64C

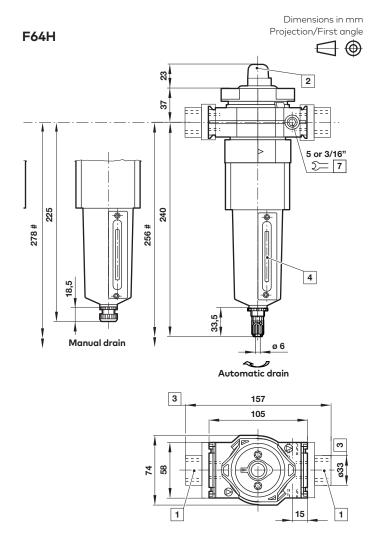




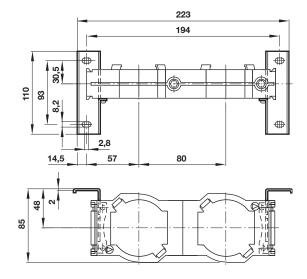
- $\underline{\#}\,\mathsf{Minimum}\,\mathsf{clearance}\,\mathsf{required}\,\mathsf{to}\,\mathsf{remove}\,\mathsf{bowl}$
- 1 Main ports 1/4", 3/8", 1/2" or 3/4"
- 3 For main ports 3/4" only
- 4 Sight glass
- Gauge port 1/8"

Single yoke with bracket mounting



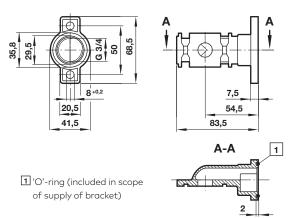


Double yoke with bracket mounting

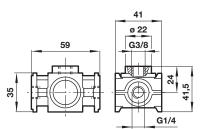




Rear entry bracket 18-026-981



Porting block 74507-50



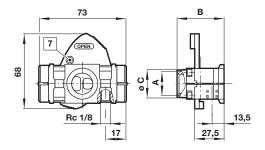
Dimensions in mm Projection/First angle



3/2 Shut-off valve

Symbol	Α	В	øС	Model
0 1	G1/4	48	27	T64T-2G*-P1N
2 _	G3/8	48	27	T64T-3G*-P1N
	G1/2	48	27	T64T-4G*-P1N
1 3	G3/4	51	33	T64T-6G*-P1N

* B = Threaded inlet only, C = Threaded outlet only



7 Padlock hole ø7,5 mm

Warning

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F64B, F64L, FFB64 Olympian Plus plug-in system Ultra high efficiency coalescing filter

- > Port size: 1/4" ... 3/4" (ISO G/PTF)
- > F64B/F64L are 'triple function' products incorporating a prefilter element, an oil removal element (bottom) and an oil vapour removal element (top)
- > Ultra high efficiency coalescing filters with active carbon

- > Very compact footprint due to three in one design
- > Air purity class in accordance with ISO8573-1:2010: 1:7:0*

*Tested in accordance with the methods laid out in ISO 12500-1 using an inlet oil gerosol concentration of 4ma/m³

Remark:

These units do not remove carbon monoxide, carbon dioxide or other toxic gases or vapors.



Technical features

Medium:

Compressed air only

Function:

Stage 1: Pre-filter 40 µm Stage 2: Coalescing filter 0,01 µm Stage 3: Carbon element

Maximum operating pressure:

17 bar (246 psi)

Remaining oil content:

0,003 mg/m³ max at +21°C

Port sizes:

1/4", 3/8", 1/2" or 3/4"

Maximum flow at 6,3 bar (90 psi) inlet pressure:

F64B: 15.6 dm³/s (33 scfm) F64L: 16.3 dm³/s (34.5 scfm) To maintain stated oil removal performance

Drain:

Automatic

Automatic drain conditions:

Pressure to close drain: > 0.3 bar (4.3 psi)Pressure to open drain: $< 0.2 \, \text{bar} (2.9 \, \text{psi})$ Minimum air flow to close drain: 0,6 dm³/s (1.3 scfm)

Ambient/Media temperature:

-20° ... +65°C (-4° ... +149°) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Install an F64G filter with a 5 µm filter element upstream of the F64B/L filter for maximum service life.

Materials:

Body and yoke: Zinc alloy Connection piece: Aluminium Metal bowl: Aluminium Pre filter element : Sinter

Main filter element & activated carbon pack: Composite

materials Elastomers: NBR

Technical data, standard models

Symbol	Port size	Size	Drain	Weight (kg)	Model
	G1/4	-	Automatic	1,83	F64B-2GN-AR0
	G3/8	-	Automatic	2,21	F64L-3GN-AR0
√• ≻	G1/2	Basic	Automatic	2,50	F64L-4GN-AR0
	G3/4	_	Automatic	2,88	F64L-6GN-AR0
·	Without yoke	-	Automatic	1,59	F64B-NNN-ARO
	Without yoke	-	Automatic	1,59	F64L-NNN-ARO

Technical data F64B/L models with additional standard pre-filter F64G

Symbol	Port size	Size	Pre-filter element	Main filter	Drain	Weight (kg)	Model
F	G1/4	_	F64G	F64B	Automatic	3,20	FFB64-208
	G3/8	-	F64G	F64L	Automatic	3,57	FFB64-308
	G1/2	Basic	F64G	F64L	Automatic	3,60	FFB64-408
l'	G3/4	_	F64G	F64L	Automatic	3,98	FFB64-608





Option selector F64*-**N-*R0 Size Substitute Drain Substitute 1/4" В Manual 3/8" ... 3/4" Automatic (standard) L Α Substitute Port size Thread Substitute 1/4" PTF 3/8" ISO G parallel (stand-3 G 1/2" 4 ard) 3/4" 6 No yoke N

Typical performance characteristics

Inlet pressure (bar)	Maximum flow (dm³/s) * F64B	F64L
1	6,7	7,1
3	10,7	11,3
5	13,8	14,4
6,3	15,6	16,3
7	16,5	17,2
9	18,8	19,5

 $^{^{\}star}$ Maximum flow to maintain stated oil removal performance.

Accessories

Thread	Models Single yoke	Double yoke	3/2 Shut-off valve Threaded inlet only	Threaded outlet only	End connector kit	Rear entry bracket kit
G1/4	Y64A-2GA-N1N	Y64A-2GA-N2N	T64T-2GB-P1N	T64T-2GC-P1N	_	_
G3/8	Y64A-3GA-N1N	Y64A-3GA-N2N	T64T-3GB-P1N	T64T-3GC-P1N	_	_
G1/2	Y64A-4GA-N1N	Y64A-4GA-N2N	T64T-4GB-P1N	T64T-4GC-P1N	74505-50	_
G3/4	Y64A-6GA-N1N*	Y64A-6GA-N2N*	T64T-6GB-P1N	T64T-6GC-P1N	74505-53	18-026-981
1/4 PTF	Y64A-2AA-N1N	Y64A-2AA-N2N	T64T-2AB-P1N	T64T-2AC-P1N	_	-
3/8 PTF	Y64A-3AA-N1N	Y64A-3AA-N2N	T64T-3AB-P1N	T64T-3AC-P1N	_	_
1/2 PTF	Y64A-4AA-N1N	Y64A-4AA-N2N	T64T-4AB-P1N	T64T-4AC-P1N	74505-52	_
3/4 PTF	Y64A-6AA-N1N*	Y64A-6AA-N2N*	T64T-6AB-P1N	T64T-6AC-P1N	74505-55	_

^{*}These yokes are supplied with two end connenctor kits as standard



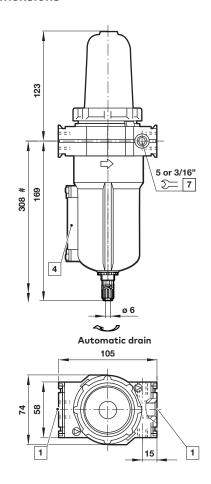
Service kit





Basic dimensions

F64B



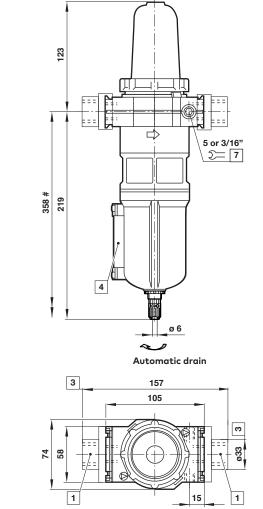
Minimum clearance required to remove bowl

- 1 Main ports 1/4", 3/8", 1/2" or 3/4"
- 3 For main ports 3/4" only
- 4 Sight glass
- 7 Gauge port 1/8"

Dimensions in mm Projection/First angle

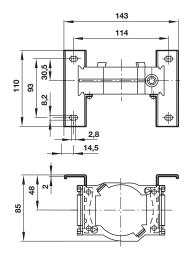




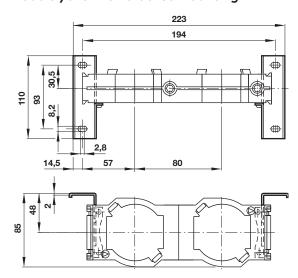


F64L

Single yoke with bracket mounting

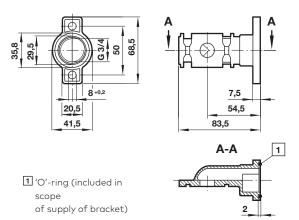


Double yoke with bracket mounting





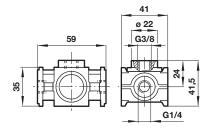
Rear entry bracket 18-026-981



Porting block 74507-50



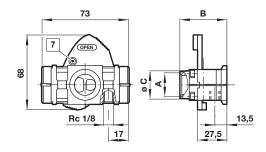




3/2 Shut-off valve

Symbol	Α	В	øС	Model
0 -	G1/4	48	27	T64T-2G*-P1N
	G3/8	48	27	T64T-3G*-P1N
	G1/2	48	27	T64T-4G*-P1N
1 3	G3/4	51	33	T64T-6G*-P1N

^{*} B = Threaded inlet only, C = Threaded outlet only



Padlock hole ø7,5 mm

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F68G - Olympian Plus plug-in system **General purpose filter**





- > Port size: 3/4" ... 11/2" (ISO G/PTF)
- > Olympian Plus plug in system
- > Effective liquid removal and positive solid particle filtration
- > Large filter element area provides minimum pressure drop



Technical features

Medium:

Compressed air only

Maximum operating pressure:

17 bar (246 psi)

Filter element:

40 µm (standard), 5 µm optional

Port sizes:

3/4", 1", 11/4" or 11/2"

Flow:

See table below

Drain:

Manual or automatic

Automatic drain conditions:

Pressure to close drain:

> 0,3 bar (4.3 psi)

Pressure to open drain:

< 0,2 bar (2.9 psi) Minimum air flow to close drain:

$0.6 \, dm^3/s (1.3 \, scfm)$ Service life indicator:

Available on request

Bowl size:

0,5 litre (17 fluid oz standard); 1 litre (34 fluid oz optional)

Standard compliances:

| 2G Ex h | IC T6 Gb II 2D Ex h IIIC T85° Db

Ambient/Media temperature:

-20 ... +80°C (-4 ... +176°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:

Body, yoke and bowl: Aluminium Liquid level indicator: Pyrex Element: Sintered plastic Elastomers: NBR

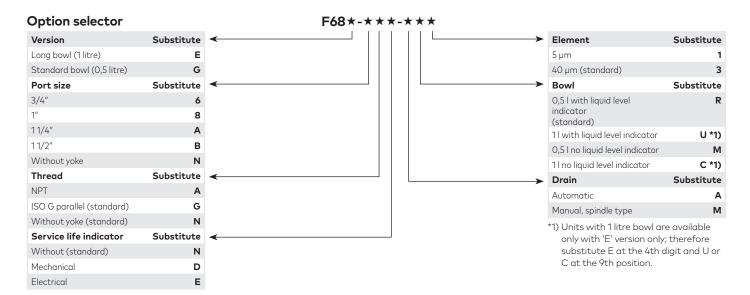
Technical data - standard models

Symbol	Port size	Size	Drain	Filter element (µm)	Flow *1) (dm³/s)	Weight (kg)	Model
	G3/4	_	Manual	40	160	2,45	F68G-6GN-MR3
\wedge	G1	Basic	Manual	40	190	2,33	F68G-8GN-MR3
←	G1 1/4	_	Manual	40	200	2,43	F68G-AGN-MR3
Y	G11/2	_	Manual	40	200	2,30	F68G-BGN-MR3
	Without yoke	_	Manual	40			F68G-NNN-MR3
	G3/4	_	Automatic	40	160	2,45	F68G-6GN-AR3
\wedge	G1	Basic	Automatic	40	190	2,33	F68G-8GN-AR3
	G11/4	_	Automatic	40	200	2,43	F68G-AGN-AR3
Ī	G1 1/2	_	Automatic	40	200	2,30	F68G-BGN-AR3
	Without yoke	-	Automatic	40			F68G-NNN-AR3

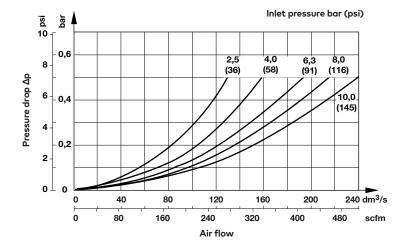
^{*1)} Typical flow with inlet pressure 6,3 bar (91 psi) set pressure and 0,5 bar (7 psi) drop from set.







Flow characteristics Port size 1", 40 µm element





Accessories, service kit and gauges



Accessories

	Single yoke	Double yoke	End connector kit	Single yoke non threads	3/2 Shut-off valve Threaded inlet only	Threaded outlet only	Bracket mounting
	PLUS	PCOS PCOS	t	PEDS			bb
Thread	5	5	2	5	8	8	1
G3/4	Y68A-6GN-N1N	Y68A-6GN-N2N	5524-55	74785-98	T68H-6GB-B2N	T68H-6GC-B2N	18-001-979
G1	Y68A-8GN-N1N	Y68A-8GN-N2N	5524-52		T68H-8GB-B2N	T68H-8GC-B2N	18-001-979
G11/4	Y68A-AGN-N1N	Y68A-AGN-N2N	5523-52		T68H-AGB-B2N	T68H-AGC-B2N	18-001-978
G11/2	Y68A-BGN-N1N	Y68A-BGN-N2N	5523-93		T68H-BGB-B2N	T68H-BGC-B2N	18-001-972
3/4 PTF	Y68A-6AN-N1N	Y68A-6AN-N2N	5524-53		T68H-6AB-B2N	T68H-6AC-B2N	18-001-979
1PTF	Y68A-8AN-N1N	Y68A-8AN-N2N	5524-50		T68H-8AB-B2N	T68H-8AC-B2N	18-001-979
11/4 PTF	Y68A-AAN-N1N	Y68A-AAN-N2N	5523-50		T68H-AAB-B2N	T68H-AAC-B2N	18-001-978
11/2 PTF	Y68A-BAN-N1N	Y68A-BAN-N2N	5523-95		T68H-BAB-B2N	T68H-BAC-B2N	18-001-972

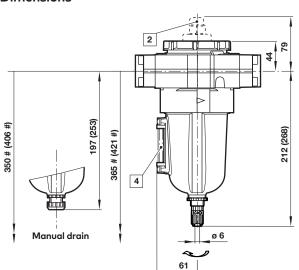


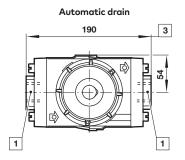
Service kit





Dimensions





- Dimensions in mm Projection/First angle

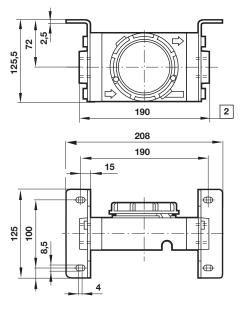


Minimum clearance required to remove bowl

- () values for 1 litre bowl

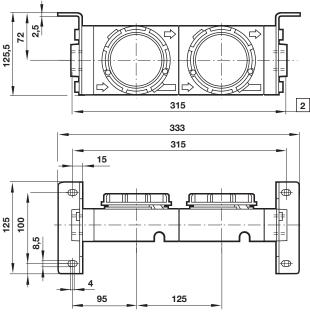
 1 Main ports 3/4", 1", 11/4" or 11/2"
- 2 Service life indicator optional
- 3 Plus 10 mm for ports 1 1/4" or 1 1/2"
- 4 Sight glass

Single yoke with bracket



1 For 11/4" and 11/2" ported yokes add 10 mm

Double yoke with bracket



 \blacksquare For 11/4" and 11/2" ported yokes add 10 mm



3/2 Shut-off valve

1/4" ø 20 1 lack

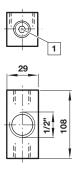
 $\fbox{1}$ For 11/2" ported yokes add 5 mm

Porting block

Dimensions in mm Projection/First angle







1 Two additional plugged G1/4 ports

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- > Port size: 1/2" ... 1 " (ISO G/PTF)
- > Coalescing element provides high efficiency oil and particle removal
- > Standard visual service indicator turns from green to red when the filter element needs to be replaced
- > Optional male threaded drain adaptor available for connection to pilot or solenoid operated drain valve (install a pre-filter with a 5 µm filter element upstream of the filters for optimum coalescing element life)







Technical features

Medium:

Compressed air only

Maximum operating pressure:

17 bar (246 psi)

Particle removal:

To 0,01 µm

Maximum remaining oil content in outlet air:

0,01 mg/m³ max at +21°C (+70°F)

Flow:

See table below

Port sizes:

1/2", 3/4" or 1"

Drain:

Manual or automatic

Automatic drain conditions:

Pressure to close drain: > 0,3 bar (4.3 psi) Pressure to open drain: < 0,2 bar (2.9 psi) Minimum air flow to close drain: 0,6 dm³/s (1.3 scfm)

Service life indicator:

Standard

Bowl size:

0,5 litre (17 fluid oz standard); 1 litre (34 fluid oz optional)

Standard compliances:

II 2G Ex h IIC T6 Gb EXII 2D Ex h IIIC T85° Db

Ambient/Media temperature:

-20° ... +65°C (-4° ... +122°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:

standard filter.

Body, yoke and bowl: Aluminium Liquid level indicator: Pyrex Element: synthetic fibre and PU

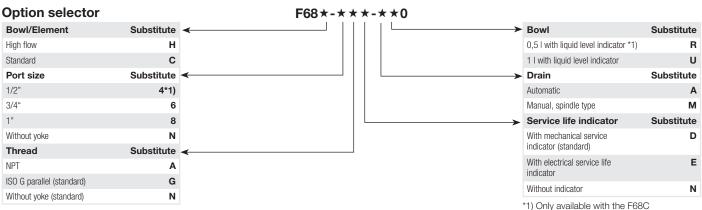
foam

Elastomers: NBR Service life indicator: Body: Transparent PA Internal parts: Acetal Spring: Stainless steel Elastomers: NBR

Technical data - standard models

Symbol	Port size	Size	Drain	Flow *1) (dm³/s)	Weight (kg)	Model
	1/2"	_	Manual	35	2,38	F68C-4GD-MR0
	3/4"	Basic	Manual	35	2,72	F68H-6GD-MU0
•	1"	_	Manual	60	2,66	F68H-8GD-MU0
I	Without yoke		Manual			F68H-NND-MU0
N	1/2"	_	Automatic	35	2,38	F68C-4GD-AR0
	3/4"	Basic	Automatic	35	2,72	F68H-6GD-AU0
•	1"	_	Automatic	60	2,66	F68H-8GD-AU0
l	Without yoke		Automatic			F68H-NND-A00

^{*} Typical flow with inlet pressure 6,3 bar (90 psi)set pressure.







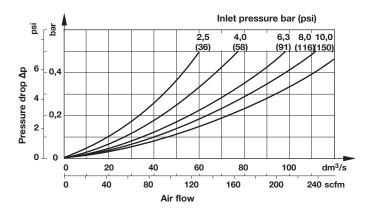
Typical performance characteristics

Inlet pressure (bar)	Maximum flow dm ³ /s* 1/2" and 3/4"	1"
1	14	24
3	24	41
5	31	53
6,3	35	60
7	36,7	63
9	42	72

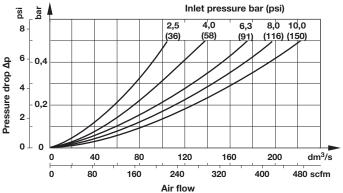
^{*} Maximum flow to maintain stated oil removal performance

Flow characteristics

Port size: 1/2" Dry element



Port size: 1" Dry element



Accessories

	Single yoke	Double yoke	End connector kit	Single yoke non threads	3/2 Shut-off valve Threaded inlet only	Threaded outlet only	Bracket mounting
	ATTS	PTON	T.	FACUS			bb
Thread							
G1/2	Y68A-4GN-N1N	Y68A-4GN-N2N			T68H-4GB-B2N	T68H-4GC-B2N	18-001-979
G3/4	Y68A-6GN-N1N	Y68A-6GN-N2N	5524-55	74785-98	T68H-6GB-B2N	T68H-6GC-B2N	18-001-979
G1	Y68A-8GN-N1N	Y68A-8GN-N2N	5524-52		T68H-8GB-B2N	T68H-8GC-B2N	18-001-979
1/2 PTF	Y68A-4AN-N1N	Y68A-4AN-N2N			T68H-4AB-B2N	T68H4AC-B2N	18-001-979
3/4 PTF	Y68A-6AN-N1N	Y68A-6AN-N2N	5524-53		T68H-6AB-B2N	T68H-6AC-B2N	18-001-979
1 PTF	Y68A-8AN-N1N	Y68A-8AN-N2N	5524-50		T68H-8AB-B2N	T68H-8AC-B2N	18-001-979



Service kit

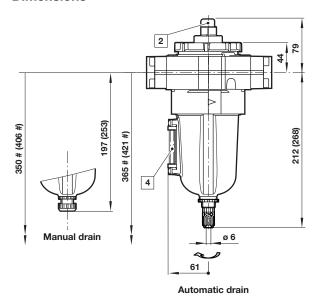


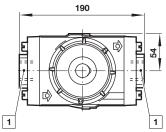


Dimensions

Dimensions in mm Projection/First angle

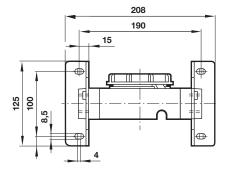


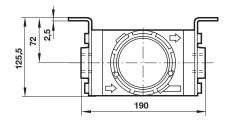




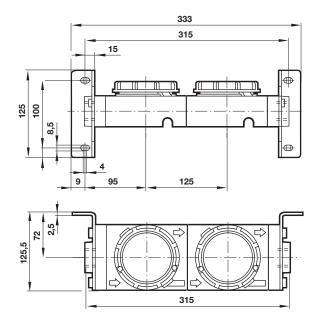
- # Minimum clearance required to remove bowl
- () values for 1 litre bowl
- Main ports 1/2", 3/4" or 1"
- 2 Service life indicator
- 4 Sight glass

Single yoke with bracket





Double yoke with bracket





3/2 Shut-off valve

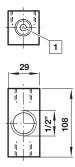
95 1/4" ø 20 80

Porting block

Dimensions in mm Projection/First angle







1 Two additional plugged G1/4 ports

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- > Port size: G1/2 ... G1
- Ultra high efficiency coalescing filters with active carbon pack
- > Carbon pack assists in the removal of hydrocarbon gases and odours



ť

Technical features

Medium:

Compressed air only

Maximum operating pressure:

17 bar (246 psi)

Particle removal:

To 0,01 μm

Maximum remaining oil content in outlet air:

0,003 mg/m³ max at +21°C (+70°F)

Particle removal:

To 0,01 µm

Flow:

See table below

Port sizes:

1/2", 3/4" or 1"

Drain:

Automatic or manual drain

Automatic drain conditions:

Pressure to close drain:

> 0,3 bar (4.3 psi)

Pressure to open drain: < 0,2 bar (2.9 psi)

Minimum air flow to close drain:

0,6 dm³/s (1.3 scfm)

Service life indicator:

Standard

Bowl size:

1 litre

Ambient/Media temperature:

-20° ... +65°C (-4 ... +122°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:

Body, yoke and bowl: Aluminium Liquid level indicator: Pyrex Main filter element & activated carbon pack: Composite materials

Elastomers: NBR Service life indicator: Body: Transparent PA Internal parts: Acetal Spring: Stainless steel Elastomers: NBR

Technical data - standard models

Symbol	Port size	Size	Drain	Flow *1) (dm3/s)	Bowl size (litre)	Weight (kg)	Model
[[G1/2	_	Manual	25	0,5	4,44	FFV68-428
	G3/4	_	Manual	35	1	5,05	FFV68-628
	G1	Basic	Manual	60	1	5,05	FFV68-828
	G1/2	_	Automatic	25	0,5	4,44	FFV68-408
	G3/4	_	Automatic	35	1	5,05	FFV68-608
	G1	Basic	Automatic	60	1	5,05	FFV68-808
<u> </u>							

^{*} Typical flow with inlet pressure 6,3 bar (90 psi)set pressure.

Option selector

 Port size
 Substitute

 G1/2
 4

 G3/4
 6

 G1
 8

FFV	'68-	*	*	3
-----	-------------	---	---	---

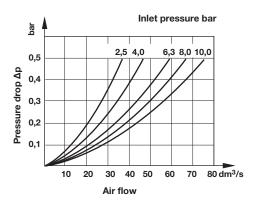
>	Drain	Substitute
	Automatic	0
	Manual, spindle type	2



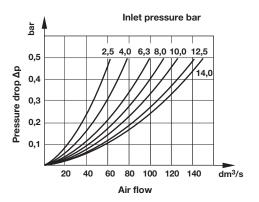


Flow characteristics

Port size: 1/2" Dry element



Port size: 1" Dry element



Accessories

	Single yoke	Double yoke	End connector kit	Single yoke non threads	3/2 Shut-off valve Threaded inlet only	Threaded outlet only	Bracket mounting
	ALDE	ACM ACM	i a	ATTE	The same of the sa		bb
Thread							
G1/2	Y68A-4GN-N1N	Y68A-4GN-N2N			T68H-4GB-B2N	T68H-4GC-B2N	18-001-979
G3/4	Y68A-6GN-N1N	Y68A-6GN-N2N	5524-55	74785-98	T68H-6GB-B2N	T68H-6GC-B2N	18-001-979
G1	Y68A-8GN-N1N	Y68A-8GN-N2N	5524-52		T68H-8GB-B2N	T68H-8GC-B2N	18-001-979



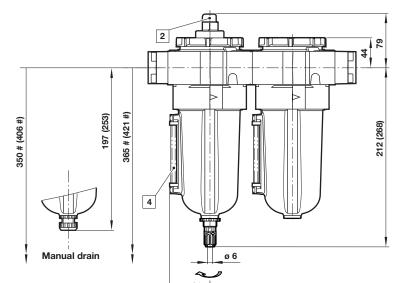
Service kit

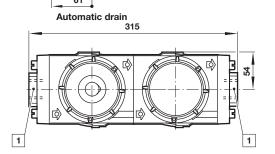


Dimensions

Dimensions in mm Projection/First angle

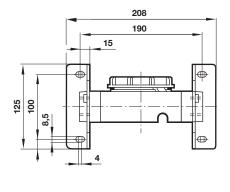


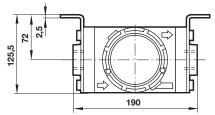




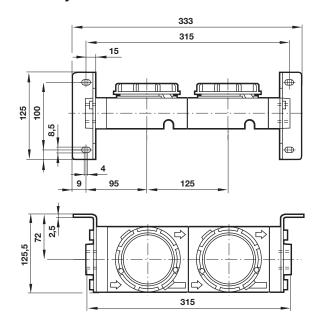
- # Minimum clearance required to remove bowl
- () values for 1 litre bowl
- Main ports 1/2", 3/4" or 1"
- 2 Service life indicator
- 4 Sight glass

Single yoke with bracket



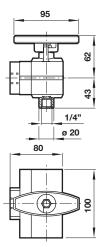


Double yoke with bracket





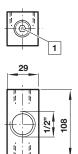
3/2 Shut-off valve



Porting block

Dimensions in mm Projection/First angle





1 Two additional plugged G1/4 ports

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System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.



- > Port size: G1/8 & G1/4
- > Very compact unit
- > Direct ported filters with high water removal efficiency





Medium:

Compressed air only

Maximum inlet pressure:

10 bar (145 psi) Transparent bowl 17 bar (246 psi) Metal bowl

Filter element:

5 or 40 μm

Typical flow:

see below

Port sizes:

G1/8 or G1/4

Bowl volume:

31 ml

Drain:

Manual or automatic

Ambient/Media temperature:

Transparent bowl

-34 ... +50°C (-29 ... +122°F)

Metal bowl

-34 ... +80°C (-29 ... +176°F) Air supply must be dry enough to avoid ice formation at temperatures

below +2°C (+35°F)

Materials:

Body: Zinc alloy Bowl: Plastic or Zinc alloy

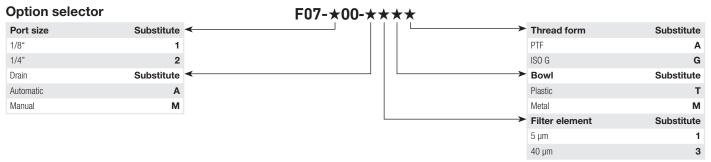
Filter element: PE

Elastomers: NBR

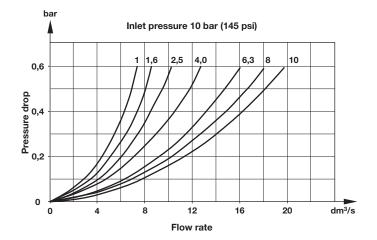
Technical data, standard model

Symbol	Port size	Filter element (µm)	Flow *1) (dm³/s)	Drain	Bowl	Weight (kg)	Model
→	G1/8	40	9	Manual	Plastic	0,13	F07-100-M3TG
	G1/4	40	11,5	Manual	Plastic	0,13	F07-200-M3TG
-	G1/8	40	9	Automatic	Plastic	0,13	F07-100-A3TG
	G1/4	40	11,5	Automatic	Plastic	0,13	F07-200-A3TG
I							

^{*1)} Typical flow with 6,3 bar (91 psi) inlet pressure and a 0,3 bar (4,3 psi) droop from set.



Flow characteristics Port size 1/4", filter element 40 µm







Abmessungen in mm

Projection/First angle

 \bigcirc

Accessories and sevice kit



Sevice kit

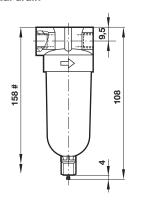


Dimensions

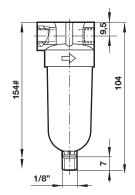
1 5939-06

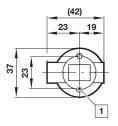
Wall mounting bracket

Manual drain



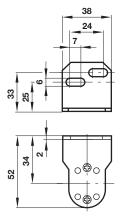
Automatic drain





- # Minimum clearance required to remove bowl
- 1 Mounting holes, ø 4 mm, 13 mm deep

Wall mounting bracket



Use 1/8" (3 mm) screws to mount bracket to wall.

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- > Port size: G1/8 & G1/4
- > Very compact unit
- Maximum remaining oil content to 0,01 mg/m³
- > Particle removal to 0,01 µm
- Air purity classes in accordance to ISO8573-1: Remaining oil aerosol to class 1*





Medium:

Compressed air only

Maximum inlet pressure:

10 bar (145 psi) Transparent bowl 17 bar (246 psi) Metal bowl

Filter element:

0,01 µm

Remaining oil content:

0,01 mg/m 3 at +21 $^{\circ}$ C (+69 $^{\circ}$ F)

Flow:

see below

Port sizes:

G1/8 or G1/4

Bowl:

31 ml

Drain:

Manual or automatic

Ambient/Media temperature:

Transparent bowl

-34 ... +50°C (-29 ... +122°F)

Metal bowl

-34 ... +65°C (-29 ... +149°F)

Air supply must be dry enough to avoid ice formation at temperatures

below +2°C (+35°F)

Note:

Install an F07 filter with a 5 μ m filter element upstream of the F39 filter for maximum service life.

Materials:

Body: Zinc alloy Bowl: Plastic or Zinc alloy

Element: Synthetic fiber and

PL foam Seals: NBR

Technical data, Standardmodels

G1/8 G1/4	2,8	Manual	Plastic	0,13	F00 400 MOTO
G1/A				0,10	F39-100-M0TG
01/4	3	Manual	Plastic	0,13	F39-200-M0TG
G1/8	2,8	Automatic	Plastic	0,13	F39-100-A0TG
G1/4	3	Automatic	Plastic	0,13	F39-200-A0TG

^{*1)} Max. flow at 6,3 bar

Option selector

Option coloctor		100 400	~ • /			
Port size	Substitute			 	Thread	Substitute
1/8"	1				PTF	Α
1/4"	2				ISO G	G
Drain	Substitute	(Bowl	Substitute
Automatic	Α				Plastic	Т
Manual	M				Metal	М

F39-*00-*0**

Typical performance characteristics

Inlet pressure (bar)	Flow *1) (dm³/s)
1	1,2
3	2,0
5	2,7
6,3	3,0
7	3,1
9	3,6

^{*1)} Maximum flow to maintain stated oil removal performance.



^{*}Tested in accordance with the methods laid out in ISO 12500-1 using an inlet oil aerosol concentration of 4mg/m³.



Dimensions in mm

 \bigcirc

Projection/First angle

Accessories





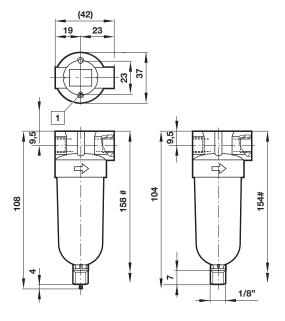
Service kit



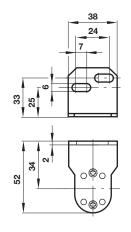
Dimensions

Manual drain

Automatic drain



Wall mounting bracket



Use 1/8" (3 mm) screws to mount bracket to wall.

Minimum clearance required to remove bowl $\boxed{1}$ Holes Ø 4, 13 deep

Warning

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- > Port size: 3/4" ... 1 1/2" (ISO G, PTF)
- > Direct ported filters with high water removal efficiency
- > High flow with minimal pressure drop





Medium:

Compressed air

Maximum operating pressure:

17 bar (246 psi)

Particle removal:

40 µm standard; 5 µm optional

Flow:

See below

Port size:

3/4", 1", 1 1/4" or 1 1/2"

Drain:

Automatic or manual

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: > 0,35 bar (5 psi) Bowl pressure required to open drain: ≤ 0,2 bar (2.9 psi) Minimum air flow required to close drain: 0,1 dm³/s (0.2 scfm) Manual operation: depress pin inside drain outlet to drain bowl.

Fluid/Ambient temperature:

-20 ... +80°C (0 ... +176°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

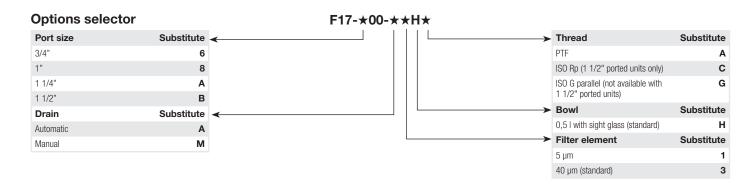
Materials:

Body and bowl: Aluminum Bowl sight glass: Pyrex Filter element: Polypropylene Elastomers: NBR

Technical data, standard models

Symbol	Port size	Filter element (µm)	Flow *1) (dm³/s)	Drain	Weight (kg)	Model
	G3/4	40 μm	183	Manual	1,95	F17-600-M3HG
	G1	40 μm	236	Manual	1,90	F17-800-M3HG
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	G1 1/4	40 μm	236	Manual	2,01	F17-A00-M3HG
	Rp1 1/2	40 μm	236	Manual	1,97	F17-B00-M3HC
	G3/4	40 μm	183	Automatic	1,93	F17-600-A3HG
→	G1	40 μm	236	Automatic	1,88	F17-800-A3HG
	G1 1/4	40 μm	236	Automatic	1,99	F17-A00-A3HG
	Rp1 1/2	40 μm	236	Automatic	1,95	F17-B00-A3HC

^{*1)} Typical flow with a 40 µm element at 6,3 bar (90 psi) inlet pressure and 0,5 bar (7 psi) pressure drop.

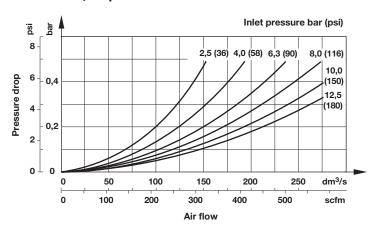






Flow characteristics

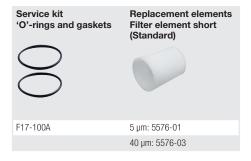
Port size 1", 40 µm filter element

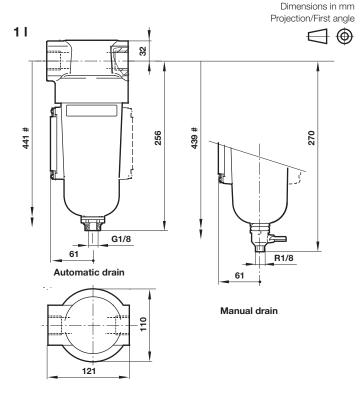


Accessories



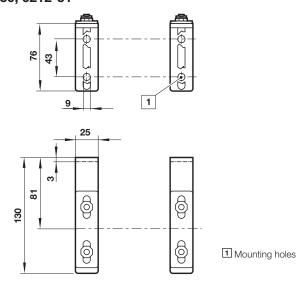
Service kit





Min clearance required to remove bowl.

Wall mounting brackets 6212-50, 6212-51



Warning

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- > Port size: 11/2" & 2" (ISO G, PTF)
- > Direct ported filter with high water removal efficiency
- > Highly visible, prismatic liquid level indicator lens
- > High flow with minimal pressure drop



Medium:

Compressed air

Maximum operating pressure:

17 bar

Particle removal:

40 µm standard, 5 µm optional

Flow: See below

Port size:

1 1/2" or 2"

Drain:

Automatic or manual

Automatic drain operating conditions (float operated):

Bowl pressure required to close drain: > 0,35 bar (5 psi) Bowl pressure required to open drain: ≤ 0,2 bar (2.9 psi) Minimum air flow required to close drain: 0,1 dm³/s (0.2 scfm) Manual operation: depress pin inside drain outlet to drain bowl.

Ambient/Media temperature:

-34 ... 80°C (-30 ... 176 °F) Air supply must be dry enough to avoid ice formation at temperatures below 2°C (+35 °F).

Materials:

Body, intermediate body and bowl: Aluminum

Liquid level indicator: Transparent PA

Filter element: Sintered bronze

Elastomers: NBR

Technical data, standard models

Symbol	Port size	Filter element (µm)	Flow *1) (dm3/s)	Drain	Bowl	Weight (kg)	Model
\wedge	G 1 1/2	40	765	Manual	Metal	6,7	F18-B00-M3DG
\	G 2	40	765	Manual	Metal	6,6	F18-C00-M3DG
→	G 1 1/2	40	765	Automatic	Metal	6,7	F18-B00-A3DG
	G 2	40	765	Automatic	Metal	6,6	F18-C00-A3DG
I							

 $^{^{*}}$ 1) Typical flow with a 40 μ m element at 6,3 bar inlet pressure and 0,5 bar pressure drop.

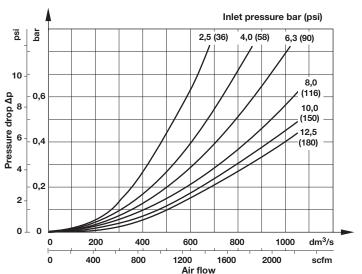
Option selector F18-★00-★★D★ Port size Substitute Thread Substitute G 1 1/2 В PTF Α G 2 С ISO G parallel (standard) G Drain Substitute Filter element Substitute Automatic Α 5 µm Manual, 1/4 turn М 40 µm (standard) 3

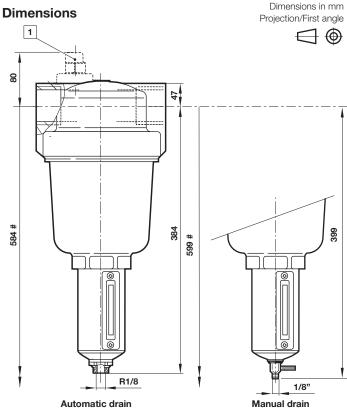




Flow characteristics

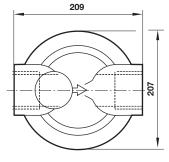
Port size 2", 40 µm filter element





Service kit





- $\underline{\#}$ Min clearance required to remove intermediate body and bowl.
- 1 Services indicator optional

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F22 Filter (Stainless steel)

- > Port size: 1/2 PTF
- Metallic parts meet NACE*
- Applications include marine environment, oil and gas production, chemical and industrial compressed air systems
- * National Association of Corrosion Engineers (NACE) MR-01-75) defines requirements for sulphide stress cracking resistant materials used in well-head and other corrosive environments.







Technical features

Medium:

Compressed air
Operating pressure:

17 bar max (246 psi)

Filter element: 25 or 5 µm

Port sizes: 1/2 PTF

Ambient/Media temperature:

-20 ... +80°C (-4 ... +176 °F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35 °F)

Materials:

Body & bowl: stainless steel Filter element: PE or sintered stainless steel

Elastomers: Synthetic rubber

Technical data, standard model

Symbol	Port size	Filter element (µm)	Material	Flow *1) (dm³/s)	Drain	Weight (kg)	Model
→	1/2 PTF	25	PE	46	Manual	1,88	F22-400-M7DA
▼	1/2 PTF	25	PE	46	Automatic	1,84	F22-400-A7DA

^{*1)} Typical flow with 25 μ m element at 6.3 bar inlet pressure and 0.35 bar pressure drop.

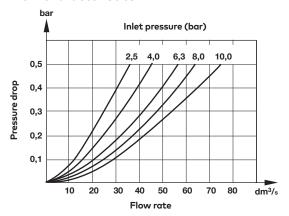
Option selector

Drain	Substitute
Automatic	Α
Manual	М

F22-400-★★DA

Filter element	Substitute
5 μm, stainless steel	1
25 μm, stainless steel	2
5 μm, polyethylene	6
25 μm, polyethylene	7
	5 μm, stainless steel 25 μm, stainless steel 5 μm, polyethylene

Flow characteristics







Accessories

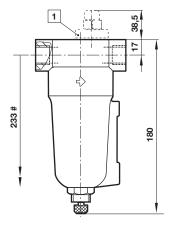


Spares kit



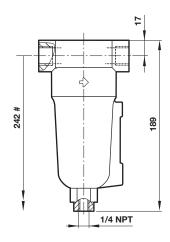
Dimensions

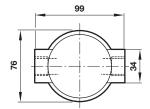
Manual drain



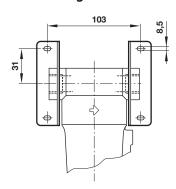
99

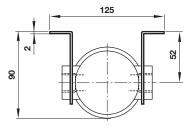






Wall mounting bracket





Dimensions in mm Projection/First angle





Minimum clearance required to remove bowl

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Olympian Plus oil vapour removal filter, without yoke, closed bowl



Adsorbing type activated carbon element removes oil vapours and most hydrocarbon odours

Medium: Compressed Air
Bowl Material: Diecast aluminium

CAD

We offer CAD for the vast majority of our product range providing you with access to download 2D and 3D CAD models, quickly and easily in a wide range of file formats and versions.

Technical Details

Medium Compressed Air Operating Temperature -20 ... 65 °C Maximum Inlet Pressure 17 bar Materials - Body Aluminium Materials - Bowl Diecast aluminium Materials - Elastomers Synthetic rubber Materials - Filter Element Vapour removal Range Olympian Plus

Olympian Plus oil vapour removal filter, without yoke, closed bowl



Adsorbing type activated carbon element removes oil vapours and most hydrocarbon odours

Medium: Compressed /
Bowl Material: Aluminium

Downloads

CAD

We offer CAD for the vast majority of our product range providing you with access to download 2D and 3D CAD models, quickly and easily in a wide range of file formats and versions.

Technical Details

Medium Compressed Air Operating Temperature -20 ... 65 °C Maximum Inlet Pressure 17 bar Materials - Body Aluminium Materials - Bowl Aluminium Materials - Elastomers Synthetic rubber Materials - Filter Element Vapour removal Range Olympian Plus

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