

Air line equipment

Olympian Plus plug-in system

F64C/F64H, F68C/F68H 'Puraire'® high efficiency oil removal filters

G¼ to G1



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

Technical data

Medium:

Compressed air only

Maximum inlet pressure:

17 bar (metal bowl)

Air quality output:

Air quality to ISO 8573-1 : Class 1.7.2.

Remaining oil content:

0,01 mg/m³ maximum at +21°C

Particle removal:

0,01 µm

Ambient temperature:

-20°C to +65°C metal bowls.

Consult our Technical Service for use below +2°C

Materials

F64C/F64H series:

Body: zinc alloy

Bowl: aluminium

Yoke: aluminium

Element: composite

Elastomers: synthetic rubber

F68C/F68H series:

Body & bowl: aluminium

Yoke: aluminium

Filter element: composite

Elastomers: synthetic rubber



F64H



F68C

Port size	Flow (dm³/s)	kg	Model Auto	Manual	Service kit	Coalescing element only
G1/4	16	1,48	F64C-2GD-AD0	F64C-2GD-MD0	4380-200	4344-01
G3/8	28	1,70	F64H-3GD-AD0	F64H-3GD-MD0	4380-200	4344-02
G1/2	28	1,67	F64H-4GD-AD0	F64H-4GD-MD0	4380-200	4344-02
G1/2	35	2,38	F68C-4GD-AR0	F68C-4GD-MR0	4380-301	5351-98
G3/4	28	2,01	F64H-6GD-AD0	F64H-6GD-MD0	4380-200	4344-02
G3/4	35	2,72	F68H-6GD-AU0	F68H-6GD-MU0	4380-301	5351-99
G1	60	2,66	F68H-8GD-AU0	F68H-8GD-MU0	4380-301	5351-99

Models listed include ISO G threads, automatic drain and metal bowl.

Maximum flow with 6,3 bar inlet pressure to maintain stated oil removal performance.

For replacement filter (without yoke or pre-filter) substitute 'N' at the 5th and 6th digits eg: F64H-NND-AD0.

For replacement filter (without yoke) substitute 'N' at the 5th and 6th digits eg: F68H-NND-AU0.

For optimum coalescing element life a pre-filter should be fitted to remove coarse particles, see page 408 for basic filters and page 426 for double yokes.

Options selector

F64★-★★★-★★★

Body type	Substitute	Element	Substitute
G1/4	C	Coalescing	0
G3/8, G1/2, G3/4	H		
Port size	Substitute	Bowl	Substitute
1/4"	2	Metal with liquid level indicator	D
3/8"	3	Transparent with guard	P
1/2"	4		
3/4"	6	Drain	Substitute
		Manual	M
		Auto drain	A
Threads	Substitute	Service life indicator	Substitute
PTF	A	Mechanical	D
ISO Rc taper	B	Electrical	E
ISO G parallel	G	Without	N

Typical performance characteristics

Inlet pressure (bar)	Maximum flow dm³/s*			
	F64C	F64H	F68C	F68H
1	6,4	11,2	14	24
3	11,0	19,3	24	41
5	14,3	24,9	31	53
6,3	16,0	28,0	35	60
7	16,9	29,5	36	63
9	19,1	33,5	42	72

* Maximum flow to maintain stated oil removal performance

F68★-★★★-★★★

Body type	Substitute	Element	Substitute
G1/2	C	Coalescing	0
G3/4, G1	H		
Port size	Substitute	Bowl	Substitute
3/4"	6	1 l without liquid level indicator	C
1	8	0,5 l without liquid level indicator	M*
1¼"	A	0,5 l with liquid level indicator	R*
1½"	B	1 l with liquid level indicator	U
		*Only available with F68C	
Threads	Substitute	Drain	Substitute
PTF	A	Manual	M
ISO Rc taper	B	Auto drain	A
ISO G parallel	G		
		Service life indicator	Substitute
		Mechanical	D
		Electrical	E
		Without	N

Olympian Plus plug-in system

F64C/F64H, F68C/F68H 'Puraire'® high efficiency oil removal filters

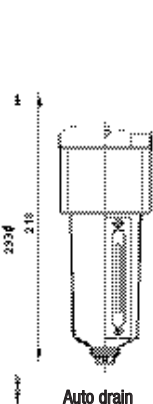
G1/4 to G1

Accessories

Series	Port size	Bracket kit	Bracket kit	3/2 Shut-off valve	Service life indicator (visual) *	Service life indicator (electrical)
F64C/F64H	G1/4	—	74504-50	T64T-2GB-P1N	5797-50	5800-51
	G3/8	—	74504-50	T64T-3GB-P1N	5797-50	5800-51
	G1/2	—	74504-50	T64T-4GB-P1N	5797-50	5800-51
	G3/4	—	74504-50	T64T-6GB-P1N	5797-50	5800-51
F68C/F68H	G1/2	18-001-979	—	T68C-4GB-B2N	5797-50	4020-51R
	G3/4	18-001-979	—	T68C-6GB-B2N	5797-50	4020-51R
	G1	18-001-979	—	T68C-8GB-B2N	5797-50	4020-51R

* Field replacement: cannot be retro-fitted to a standard filter

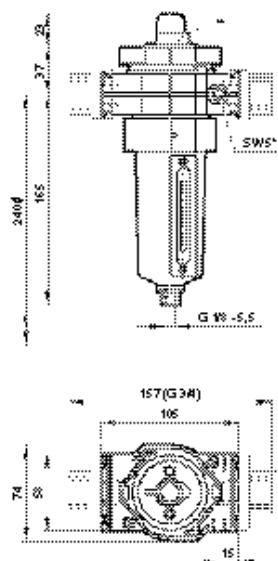
F64H



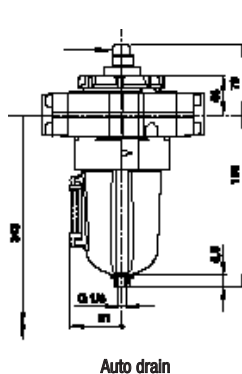
Auto drain

* Gauge port Rc1/8
 ** Standard service indicator
 # Minimum clearance required to remove bowl

F64C



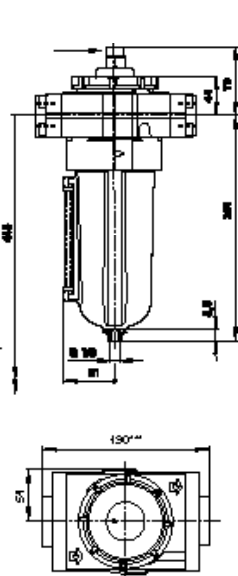
F68C



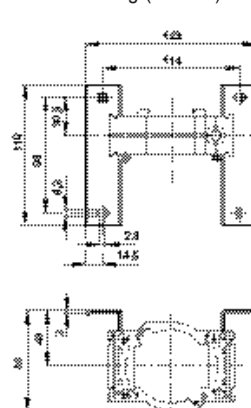
Auto drain

Minimum clearance required to remove bowl.
 ** Standard service indicator
 *** For 1 1/4" and 1 1/2" ported yokes add 10 mm

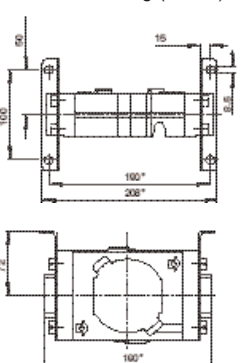
F68H



Bracket mounting (F64C/H)

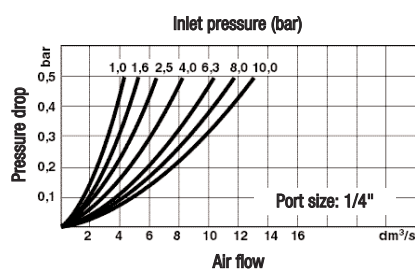


Bracket mounting (68C/H)

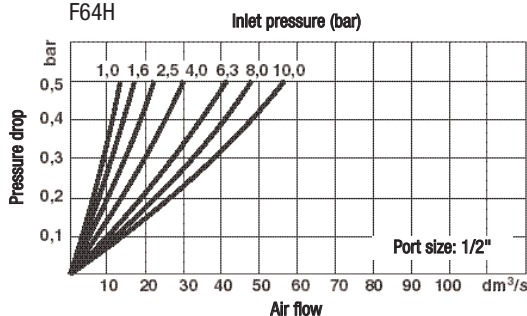


Flow characteristics

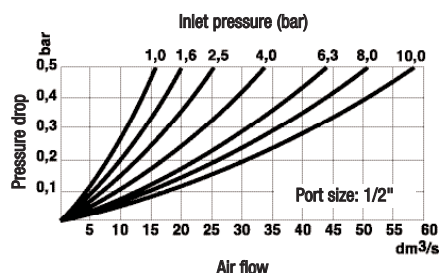
F64C



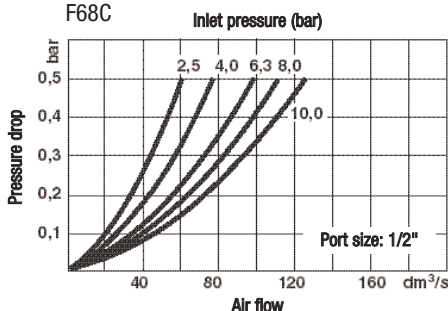
F64H



F64C



F68C



F68H

