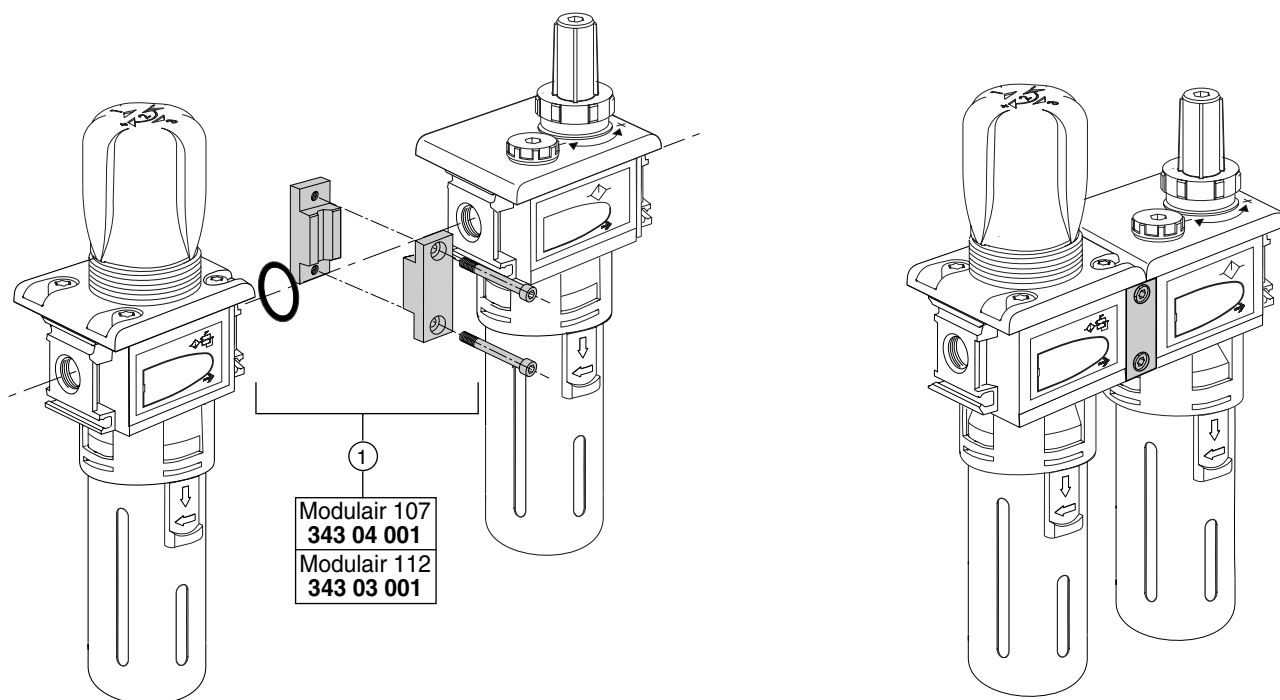


GENERAL DESCRIPTION

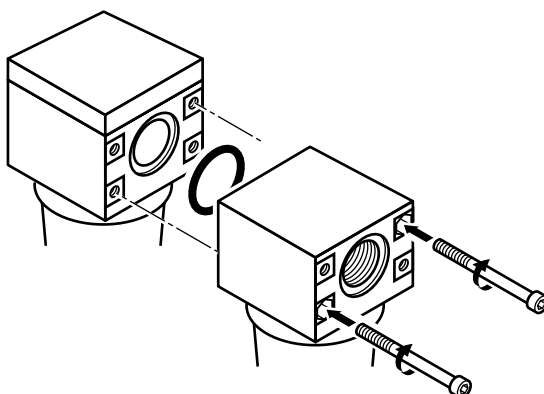
Assembly of components

Modulair 107 and 112 ranges



Modulair 107 or 112 range components can easily be assembled with an assembly kit **accessible from the front**. All Modulair products of the **same range** can be combined as desired.

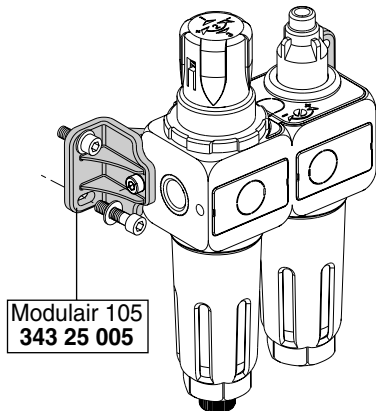
Modulair 150



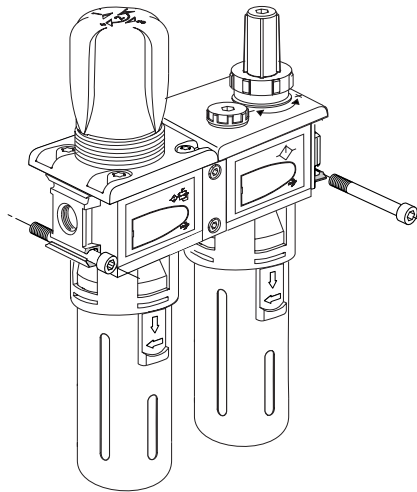
Modulair 150 range assembly kit, code: **343 00 028**
Secured with side screws

PRESENTATION GENERALE

Side mounting brackets with Modulair 105

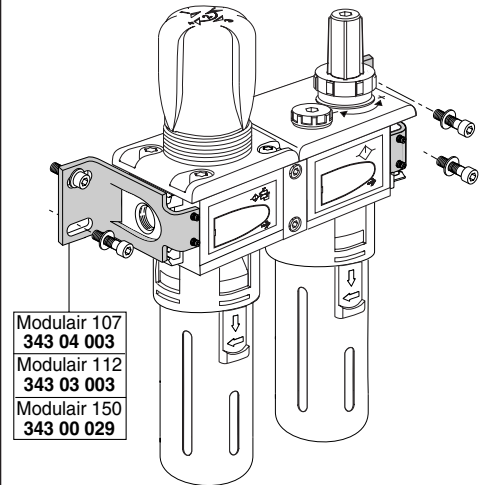


Direct frontal mounting with Modulair 107-112



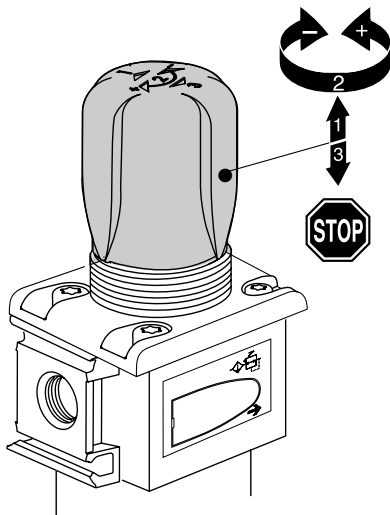
Mounting screws not supplied

Side mounting brackets with Modulair 107-112-150

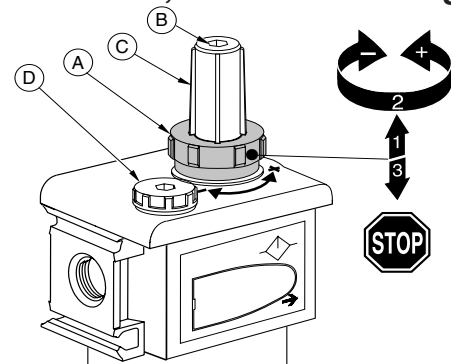


Mounting screws not supplied

Adjustment of regulator or filter/regulator (all models)



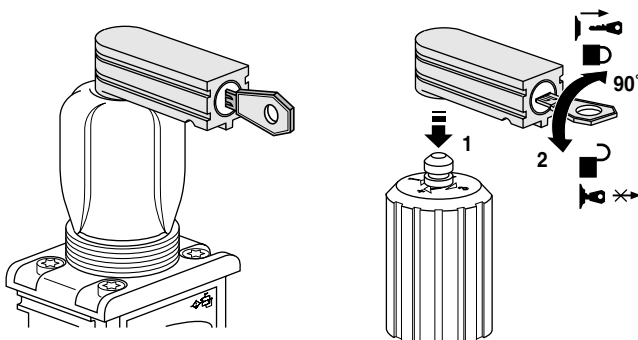
Adjustment and refilling of lubricator with Modulair 107, 112 and 150 ranges



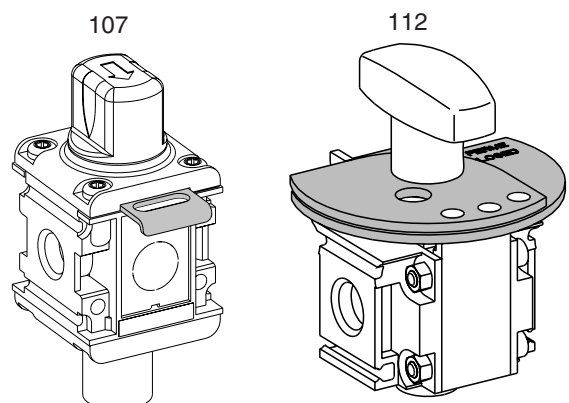
- (A) Lockable oil flow adjustment
 - (B) Oil flow adjustable with screw driver or hex key
 - (C) 360° oil flow sight glass.
- In-service lubricator refilling capability:
Modulair 107 (on request), Modulair 112 and 150
- (D) Oil filler cap

Locking devices

ON REGULATOR OR FILTER/REGULATOR
by key lock of downstream pressure adjustment
with Modulair 107, 112 and 150 ranges
(same model for all three ranges)



ON PAD-LOCKABLE
ISOLATION VALVE
with Modulair 107-112 range



GENERAL DESCRIPTION

Visual indication of levels

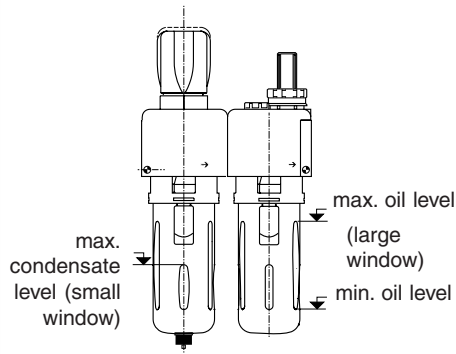
Modulair 105 range

with transparent polycarbonate bowls



Modulair 107 and 112 ranges

with bowl protectors



Modulair 150 range

with metal bowls and sight glasses



Semi-automatic drain with Modulair 105, 107 and 112 ranges

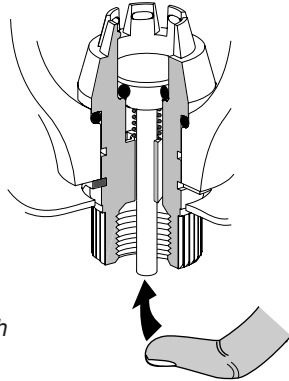
Operation:

- Drain closes on pressurisation of bowl
- Drain opens on loss of air
- Semi-automatic drain can be manually operated when the bowl is under pressure

Connection:

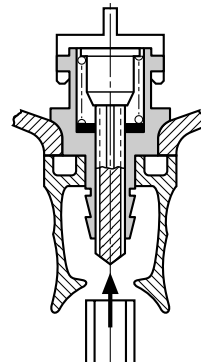
- Drain pipable
- G 1/8 thread

Drain shown in closed position, with bowl under pressure

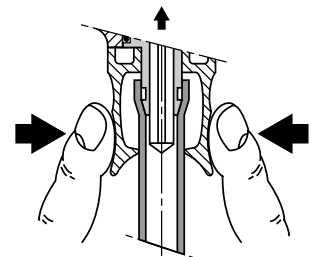


Semi-automatic drain with Modulair 150 range

Same operating principle as Modulair 112 range, connection by 6 x 8 mm flexible tube



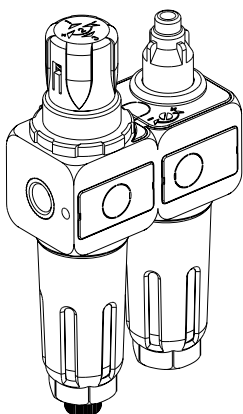
Semi-automatic drain can be operated manually with the bowl under pressure



The standard assemblies shown in this document consist of two components with a combined filter/regulator and lubricator or a single monobloc filter/regulator-lubricator unit (Modulair 105). This solution represents a **30% space saving** compared to the three-product version. However, if the user wishes to create systems with independent filters and regulators, each component must be procured separately, along with two assembly kits (except Modulair 105) **NOUVEAU**.

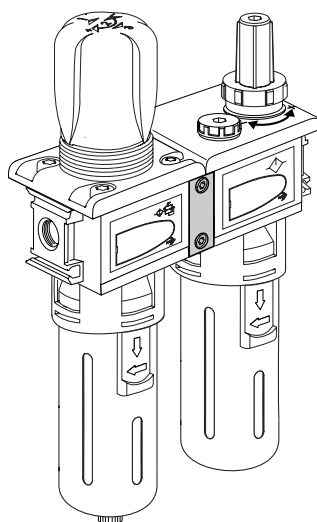
Unit

with monobloc filter/regulator-lubricator (Modulair 105)

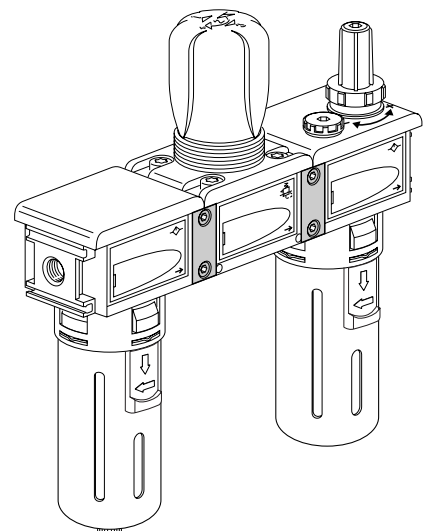


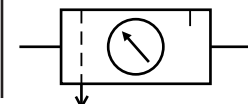
Standard unit

with combined filter/regulator



Unit consisting of three components (two assembly kits also required)





OVERALL SPECIFICATION

FLUID : Compressed air or neutral gas

RANGE

PORTS

MAX. INLET PRESSURE (bar)

at 23°C

at 50°C

CONTROLLED PRESSURE (bar)

AMBIENT TEMPERATURE (°C)

MAX. FLOW (Qv at 6.3 bar)

REGULATOR

LUBRICATION

MODULAIR			
105	107	112	150
G1/8 - G1/4	G1/8 - G1/4	G1/4...G1/2	G3/4 - G1
12	16	16	16
10	10	10	12
0,5 - 8	0,5 - 10	0,5 - 10	0,5 - 12
0°C to +50°C			
See table below and charts			
Self-relieving			
Selective oil fog			



INDIVIDUAL SPECIFICATIONS AND CONSTRUCTION

■ MONOBLOC MODULAIR 105 range

Filtering capacity 25 µm (5 µm on request)

Semi-automatic drain (operating pressure: min. 1.2 bar)

Regulating device with **rolling** diaphragm (very low hysteresis)

Lubricator oil refilling unpressurised; screw adjustment

Integrated by-pass module

■ MODULAIR 107 and 112 ranges

Filtering capacity 25 µm (5, 10 and 50 µm on request)

Semi-automatic drain (operating pressure: min. 1.2 bar) or automatic (operating pressure: 2 to max. 10 bar) or manual

Regulating device with **rolling** diaphragm (very low hysteresis)

Lubricator oil refilling unpressurised; refilling pressurised on request (Modulair 107 range)

Lubricator oil refilling unpressurised/pressurised (Modulair 112 range)

■ MODULAIR 150 range

Filtering capacity 30 µm (5 µm on request)

Semi-automatic or automatic drain (or manual on request)

Diaphragm-type regulating device

Lubricator oil refilling unpressurised/pressurised

CONSTRUCTION AND OPERATING FEATURES: Filter/regulator: see page 23 - Lubricator: see page 29

INSTALLATION - MAINTENANCE

Systems must be installed with the bowls in vertical position (at the bottom)

Air flow direction indicated by arrow and "IN" - "OUT" marking on body (Modulair 105)

Recommended type of oil: non-detergent and without aggressive additives, viscosity VG32 (ISO 3448)

Use an alkaline solution (soapy water) and not a solvent for cleaning the polycarbonate bowls and sight glasses

CHOICE OF EQUIPMENT

Modulair range consists of two components (combined filter/regulator + lubricator, delivered assembled)

except for Modulair 105 which consists of monobloc filter/regulator/lubricator

Port size	MODULAIR range	Bowl capacity (cm ³)	Filtering capacity (µm)	Controlled pressure (bar)	Flow (ANR) at 6.3 bar pressure setpoint and ΔP of 1 bar / setpoint				CODE				
					min. (1)				SYSTEM				
					max.				Semi-automatic drain				
					(l/min)	(dm ³ /s)	(l/min)	(dm ³ /s)	WITH gauge dia.	WITHOUT gauge	WITH gauge	WITHOUT gauge	
Polycarbonate bowls WITH protector (2)													
G1/8	105	28	25	0,5-8	20	0,3	400	6,7	40	342 25 183	342 25 181	-	-
G1/4	105	28	25	0,5-8	20	0,3	550	9,2	40	342 25 184	342 25 182	-	-
G1/8	107	50	25	0,5-10	20	0,3	700	11,7	40	342 04 131	342 04 127	-	-
G1/4	107	50	25	0,5-10	20	0,3	1300	22	40	342 04 132	342 04 128	-	-
G1/4	112	114	25	0,5-10	20	0,3	1800	30	50	342 03 290	342 03 302	342 03 396	342 03 393
G3/8	112	114	25	0,5-10	20	0,3	3000	50	50	342 03 291	342 03 303	342 03 397	342 03 394
G1/2	112	114	25	0,5-10	20	0,3	3000	50	50	342 03 292	342 03 304	342 03 398	342 03 395
G3/4	150	550	30	0,5-12	90	1,5	11000	183	50	342 06 037	342 06 035	342 06 041	342 06 039
G1	150	550	30	0,5-12	90	1,5	13000	217	50	342 06 038	342 06 036	342 06 042	342 06 040
Polycarbonate bowls WITHOUT protector													
G1/8	105	28	25	0,5-8	20	0,3	400	6,7	40	342 25 103	342 25 101	-	-
G1/4	105	28	25	0,5-8	20	0,3	550	9,2	40	342 25 104	342 25 102	-	-
G1/8	107	50	25	0,5-10	20	0,3	700	11,7	40	342 04 137	342 04 133	-	-
G1/4	107	50	25	0,5-10	20	0,3	1300	22	40	342 04 138	342 04 134	-	-
G1/4	112	114	25	0,5-10	20	0,3	1800	30	50	342 03 314	342 03 326	342 03 402	342 03 399
G3/8	112	114	25	0,5-10	20	0,3	3000	50	50	342 03 315	342 03 327	342 03 403	342 03 400
G1/2	112	114	25	0,5-10	20	0,3	3000	50	50	342 03 316	342 03 328	342 03 404	342 03 401

(1) Minimum for lubricator startup

(2) Manual drain in Modulair 105 range

(3) 0-10 bar pressure gauge in Modulair 105 range

0-16 bar pressure gauge in Modulair 150 range

Modulair 112 with **metal** bowls, see page 49

ISOLATION VALVE, SHUT-OFF VALVE AND SOFT-START UNIT (see following pages)

ACCESSORIES AND OPTIONS (see overleaf)

Series 343 - MODULAIR 105 to 150 RANGE SYSTEMS

ACCESSORIES

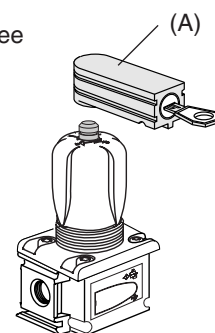
DESCRIPTION	CODES			
	Modulair 105	Modulair 107	Modulair 112	Modulair 150
Side mounting brackets	343 25 005	343 04 003	343 03 003	343 00 029
Top mounting ring	343 00 011	343 00 011	-	-
Top mounting bracket	343 00 016	343 00 016	(1)	-
40 mm dia. pressure gauge (0-10 bar)	343 00 014	-	-	-
40 mm dia. pressure gauge (0-12 bar)	-	343 00 041	-	-
50 mm dia. pressure gauge (0-12 bar)	-	-	342 00 062	-
50 mm dia. pressure gauge (0-16 bar)	-	-	-	342 00 997
Two-part assembly kit	-	343 04 001	343 03 001	343 00 028
Electronic pressure switch	See P800-12			
By-pass module	Integrated	See pages relating to accessories		

(1) Mounting not recommended for Modulair 112 range

OPTIONS

FOR FILTER/REGULATOR

- Additional by-pass insert, 4/6 tube for Modulair 105 - code **685 006**
- Metal bowl equipped with semi-automatic, automatic or manual drain for Modulair 112 range (see page 49)
- Polyamide bowl with protector, for use in solvent-charged environments (Modulair 107 and 112 ranges)
- Manual drain for Modulair 105, 107 and 112 ranges - code **662 563**, for Modulair 150 range consult us
- Filtering capacity:
 - 5 μ m: Modulair 105 range - consult us
 - Modulair 107, 112, 150 ranges: use the codes corresponding to **separate** FR and L components (see corresponding pages) and procure one two-part assembly kit
 - 10 μ m: code: **662 555** (Modulair 107 range) - code: **662 535** (Modulair 112 range)
 - 50 μ m: code: **662 556** (Modulair 107 range) - code: **662 536** (Modulair 112 range)
- Key locking device attached to adjustment knob, supplied installed on regulator code: **662 561** for Modulair 107 range, **662 554** for Modulair 112 range and **662 553** for Modulair 150 range
- Key locking device (A), supplied separately, code: **343 03 050** (fits Modulair 107, 112 and 150 ranges)
- Adjustment range: 0.2 to 3 bar for Modulair 107 and 112 ranges (provide 40/50 mm dia., 0 - 4 bar pressure gauge)
0.5 to 12 bar for Modulair 107 and 112 ranges (provide 50 mm dia., 0 - 16 bar pressure gauge)

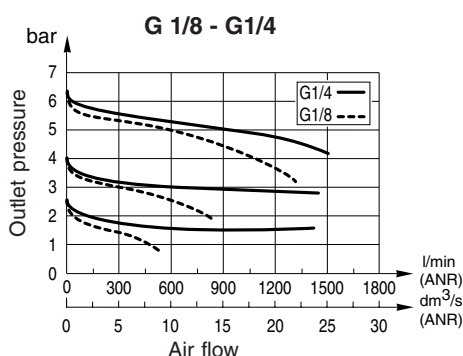


FOR LUBRICATOR

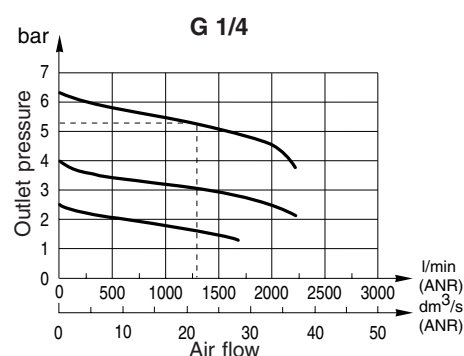
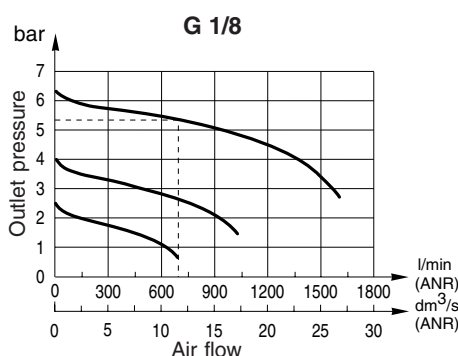
- Metal bowl for Modulair 112 (see page 49)
- Polyamide bowl with protector for use in solvent-charged environments (Modulair 107 and 112 ranges)
- Lubricator oil refilling while pressurised, code: **662 562** (Modulair 107 range)

PRESSURE LOSS VERSUS AIR FLOW CURVES

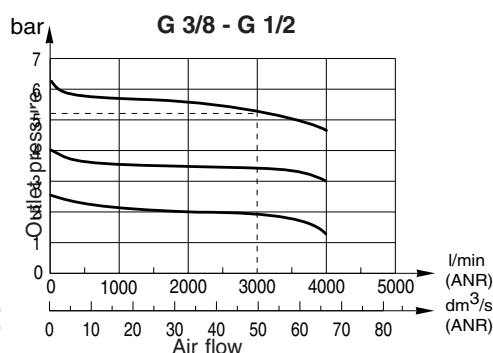
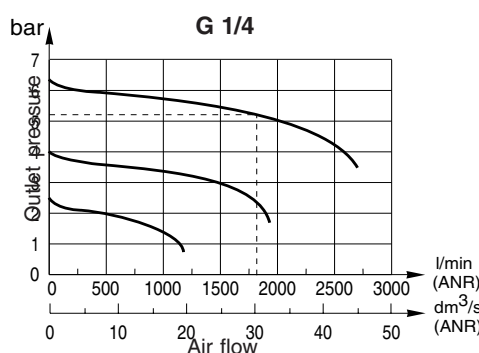
MODULAIR 105



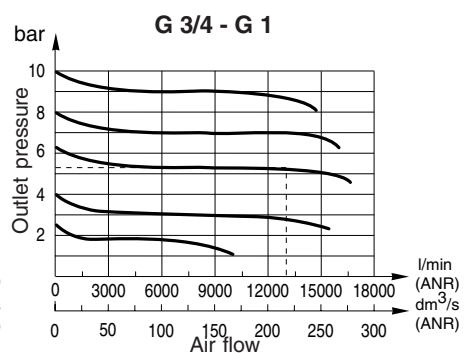
MODULAIR 107



MODULAIR 112



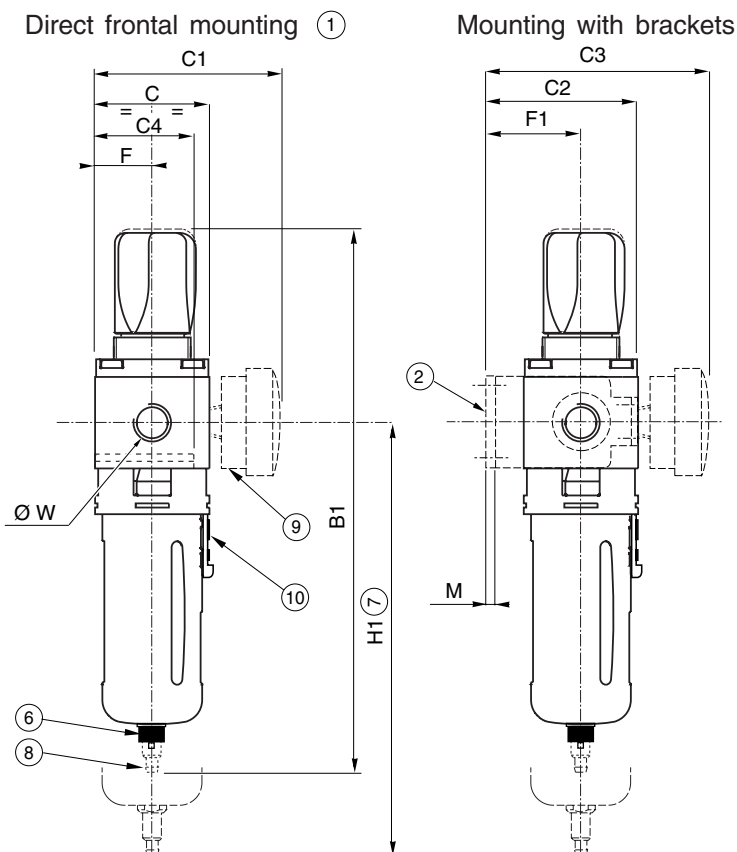
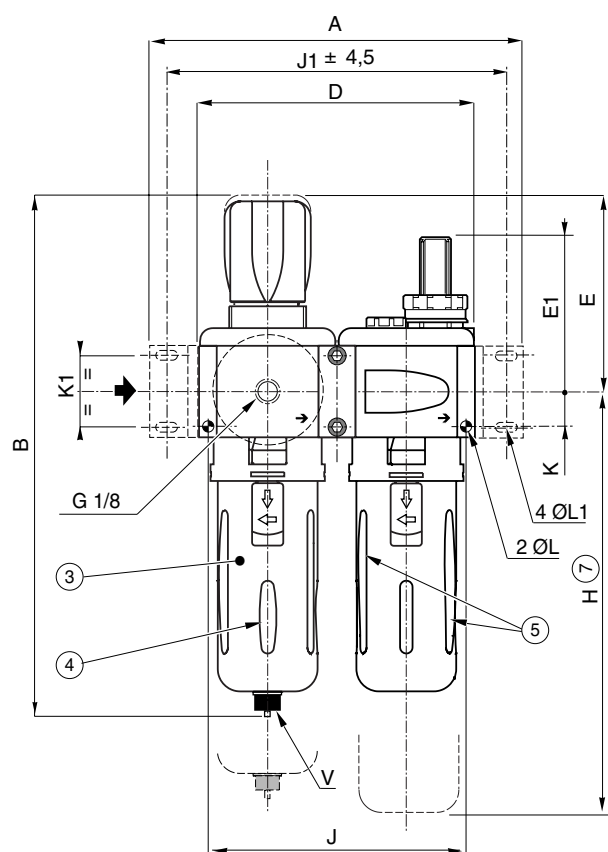
MODULAIR 150



All leaflets are available on: www.ascojoucomatic.com

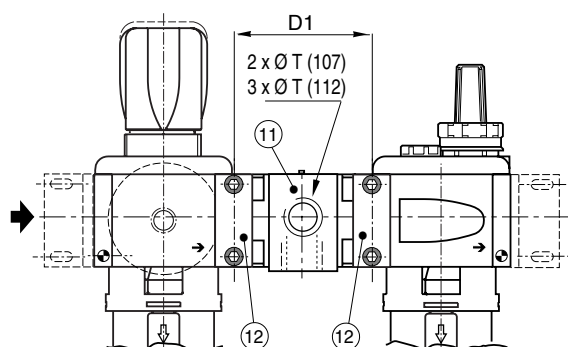
DIMENSIONS AND WEIGHTS

MODULAIR 107 and 112



Range	MODULAIR 107	MODULAIR 112
Ø W	G1/8 G1/4	G1/4 G3/8 G1/2
Bowl (cl)	7	12
A	125	178
B	213	250,5
B1	-	262,5
C	42	55
C1	76	87
C2	61	73,5
C3	95	105
C4	38	47,5
D	84	132
D1	42	66
E	79	94,5
E1	65	71
F	21	27,5
F1	40	46
H	215	243
H1	-	232,5
J	74	123
J1	110,5	162
K	10	17
K1	28	33,5
ØL	4,1	5,5
ØL1	4,5	5,5
M	3	4
ØT	G1/8	G3/8
V	G1/8	G1/8
Weight (kg)	0,760 ⁽¹⁾	1,570 ⁽¹⁾ 1,650 ⁽²⁾

- ① Direct frontal mounting: 2 holes of dia. L and depth C4
 - ② Mounting with two side brackets (accessory)
 - ③ Metal bowl protector with transparent polycarbonate bowl
 - ④ Condensate level window (short slot)
 - ⑤ Oil min./max. level window (long slots)
 - ⑥ G 1/8 connectable semi-automatic drain
 - ⑦ Clearance necessary for bowl removal
 - ⑧ Automatic drain with fitting for connection of 6 mm ID hose (Modulair 112 range)
 - ⑨ 40 mm dia. pressure gauge (Modulair 107 range) or 50 mm dia. pressure gauge (Modulair 112 range)
 - ⑩ Protector unlocking button
 - ⑪ By-pass module available as accessory:
 - Modulair 107 range: 2 air ports (dia. T) on front and rear, supplied with 1 plug
 - Modulair 112 range: 3 air ports (dia. T) on front, bottom and rear, supplied with 2 pre-installed plugs
- Adjustable pressure switch for top-side mounting
 (for Modulair 107 range, procure the by-pass module designed for a pressure switch)
 Add value D1 to dimensions A, D, J and J1 (see below)
 NOTE - To install the by-pass module, procure an additional standard assembly kit ^⑫
 code 343 04 001 (Modulair 107 range)
 code 343 03 001 (Modulair 112 range)



(1) Weight without pressure gauge
 (2) Weight with automatic drain

Series 342 - MODULAIR 105 and 150 RANGE SYSTEMS

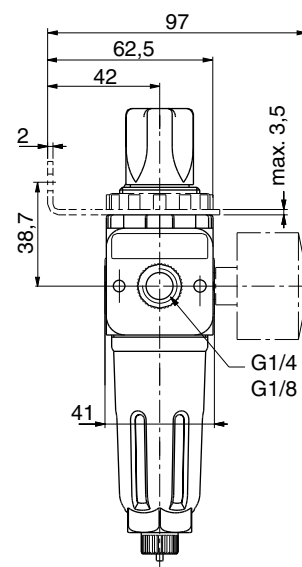
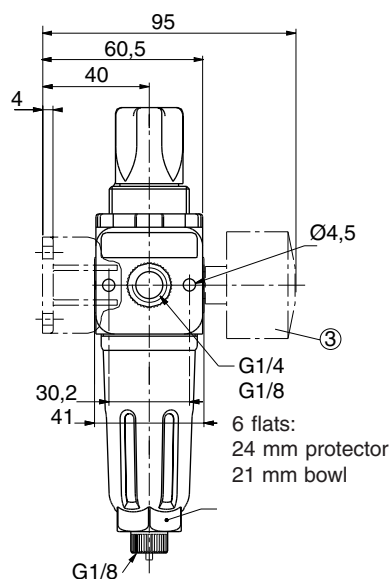
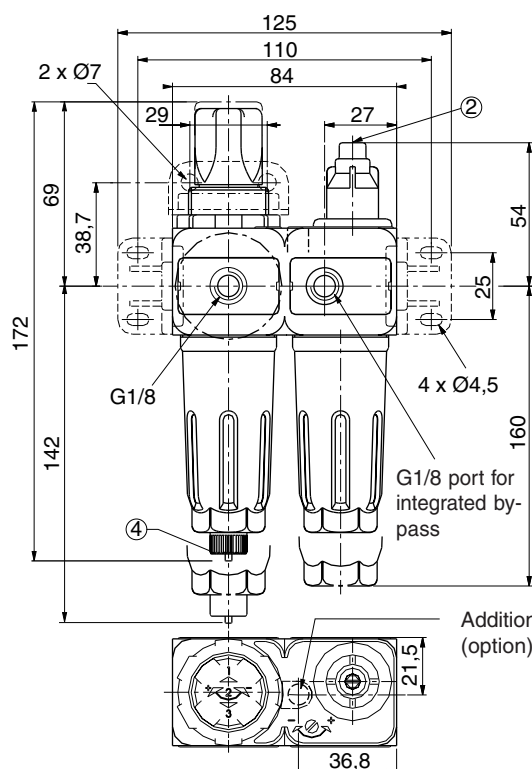
DIMENSIONS AND WEIGHTS

Weight: 0.300 kg

MONOBLOC MODULAIR 105

Mounting with side brackets

Mounting with upper bracket ①



Additional by-pass insert for 4/6 tube (option)

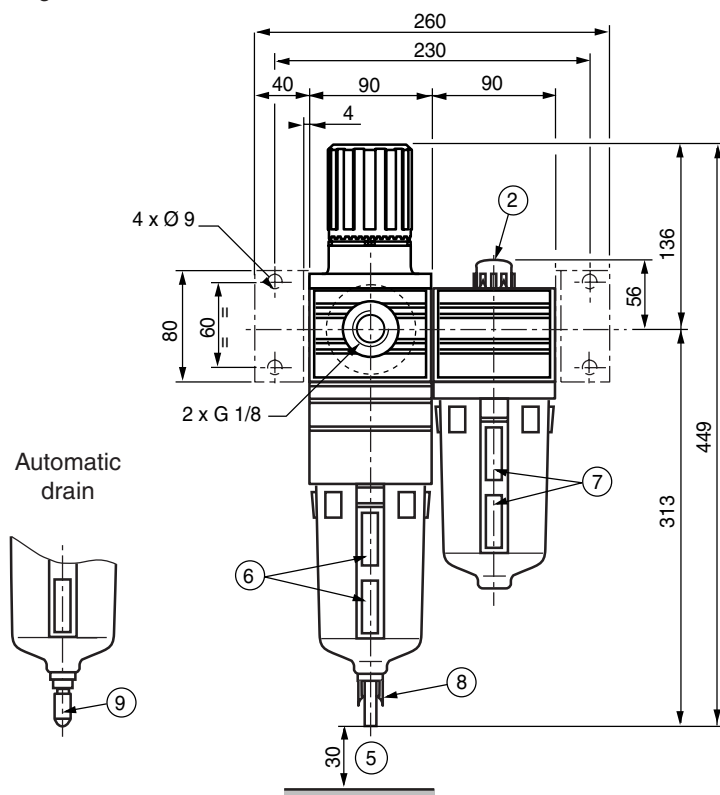
- ① Mounting by upper bracket (accessory) and mounting ring
- ② Oil flow adjustment screw

- ③ Dia 40 mm pressure gauge
- ④ Manual drain, connectable to G1/8 port

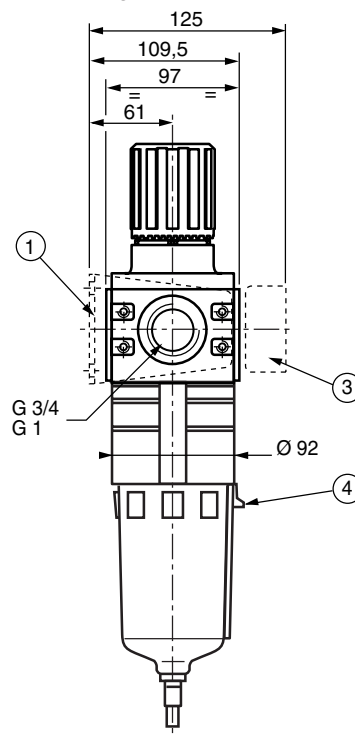
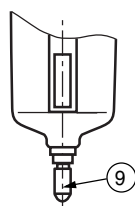
MODULAIR 150

Weight: 4.400 kg

Mounting with side brackets



Automatic drain



- ① Side mounting brackets
- ② Sight dome
- ③ 50 mm dia. pressure gauge
- ④ Protector unlocking button
- ⑤ Clearance required for bowl removal
- ⑥ Condensate level window

- ⑦ Oil min./max. level window
- ⑧ Semi-automatic drain, connectable to 6 mm ID flexible tubing
- ⑨ Automatic drain, connectable to 6 mm ID flexible tubing

All leaflets are available on: www.ascojoucomatic.com



OVERALL SPECIFICATION

FLUID : Compressed air or neutral gas

RANGE PORTS MAX. INLET PRESSURE (bar) AMBIENT TEMPERATURE MAX. FLOW (Qv at 6.3 bar)	MODULAIR			
	105	107	112	150
	G1/8 - G1/4	G1/8 - G1/4	G1/4...G1/2	G3/4 - G1
at 23°C	12	16	16	16
at 50°C	10	10	10	12
	0° C to +50° C			
	See table below and charts			

INDIVIDUAL SPECIFICATIONS AND CONSTRUCTION

■ MODULAIR 105 range

Filtering capacity: 25 µm and 5 µm
Filtering element of polyethylene (PE)
Glass-fibre reinforced polyamide body (PA)
Polycarbonate bowl (PC), UV resistant
Condensate drain: semi-automatic (operating pressure: min. 1.2 bar)
or manual (as option)

■ MODULAIR 107 and 112 ranges

Filtering capacity: 25 µm and 5 µm (10 and 50 µm on request)
Filtering element of polyethylene (PE)
Painted zamak body
Polycarbonate bowl (PC), UV resistant, with or without bowl protector
Bowl protector with safety lock and condensate level viewing window
Metal bowl for Modulair 112 range (see page 50)
Polyamide bowl as option
Condensate drain: semi-automatic (operating pressure: min. 1.2 bar)
or pipable automatic (operating pressure: 2 to **10 bar**)
or manual drain as option.

■ MODULAIR 150 range

Filtering capacity: 30 µm and 5 µm
Sintered bronze filtering element
Painted zamak body
Metal bowl with polycarbonate (PC) level viewing window
Bowl equipped with pipable semi-automatic drain or automatic drain
(operating pressure: 2 to **12 bar**) or manual drain as option

INSTALLATION

Each system must be installed with the bowls in vertical position (at the bottom).
Air flow direction indicated by arrow and "IN" - "OUT" marking on body (Modulair 105).

MAINTENANCE

Use an alkaline solution (soapy water) and not a solvent for cleaning the polycarbonate bowls and sight glasses

CHOICE OF EQUIPMENT

Port size	MODULAIR range	Bowl capacity		Maximum flow (at 6.3 bar / ΔP of 1 bar)		CODE			
		total (cm ³)	useful (cm ³)	l/min (ANR)	dm ³ /s (ANR)	FILTER			
						Semi-automatic drain		Automatic drain	
						25 µm (1)	5 µm (3)	25 µm (1)	5 µm (3)
Polycarbonate bowl WITH protector (2)									
G1/8	105	28	10	890	14,8	342 25 213	342 25 253	-	-
G1/4	105	28	10	1050	17,5	342 25 214	342 25 254	-	-
G1/8	107	50	12	1030	17	342 04 011	342 04 015	-	-
G1/4	107	50	12	1450	24	342 04 012	342 04 016	-	-
G1/4	112	114	40	1800	30	342 03 001	342 03 007	342 03 013	342 03 019
G3/8	112	114	40	2400	40	342 03 002	342 03 008	342 03 014	342 03 020
G1/2	112	114	40	2400	40	342 03 003	342 03 009	342 03 015	342 03 021
G3/4	150	550	185	12500	208	342 06 001	342 06 005	342 06 003	342 06 007
G1	150	550	185	13500	225	342 06 002	342 06 006	342 06 004	342 06 008
Polycarbonate bowl WITHOUT protector									
G1/8	105	28	10	890	14,8	342 25 133	342 25 173	-	-
G1/4	105	28	10	1050	17,5	342 25 134	342 25 174	-	-
G1/8	107	50	12	1030	17	342 04 023	-	-	-
G1/4	107	50	12	1450	24	342 04 024	-	-	-
G1/4	112	114	40	1800	30	342 03 038	-	342 03 360	-
G3/8	112	114	40	2400	40	342 03 039	-	342 03 361	-
G1/2	112	114	40	2400	40	342 03 040	-	342 03 362	-

(1) Filtering capacity 30 µm in Modulair 150 range

(2) Metal bowl and level sight glasses in Modulair 150 range

(3) With a 5 µm filtering element flow is reduced by approx. 15%

ACCESSORIES AND OPTIONS (see overleaf)

Series 343 - MODULAIR 105 to 150 RANGE FILTERS

ACCESSORIES

DESCRIPTION	CODES			
	Modulair 105	Modulair 107	Modulair 112	Modulair 150
Two-part assembly kit	-	343 04 001	343 03 001	343 00 028
Side mounting brackets	343 25 005	343 04 003	343 03 003	343 00 029
By-pass module	without	See pages relating to accessories		

OPTIONS

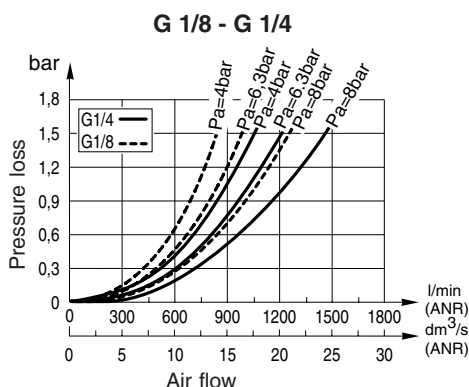
- Metal bowl equipped with semi-automatic, automatic or manual drain for Modulair 112 range (see page 50)
- Polyamide bowl with protector for use in solvent-charged environments for Modulair 107 and 112 ranges (consult us for Modulair 150 range)
- Manual drain for Modulair 105, 107 and 112 ranges - code **662 563** (Modulair 112 - fits on semi-automatic drain version only), consult us for Modular 150 range
- Filtering capacity, 10 μm : code **662 555** (Modulair 107 range) - code **662 535** (Modulair 112 range)
50 μm : code **662 556** (Modulair 107 range) - code **662 536** (Modulair 112 range)

Modulair 107 and 112 range filtering elements are colour-coded as follows:

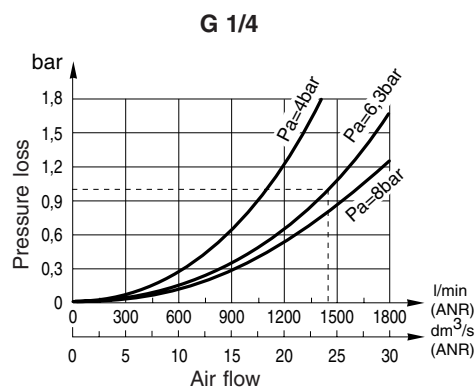
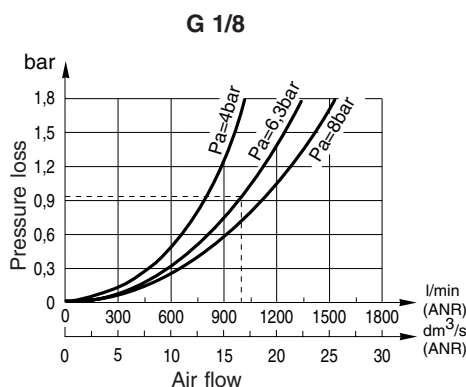
5 μm = white | 10 μm = red
25 μm = yellow | 50 μm = green

PRESSURE LOSS VERSUS AIR FLOW CURVES

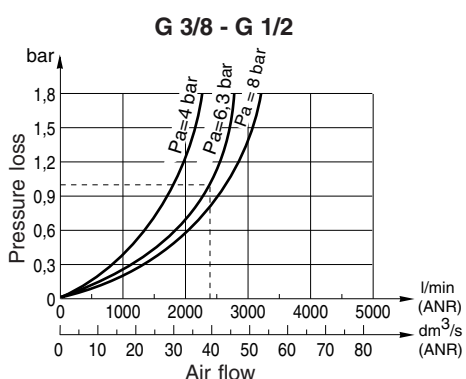
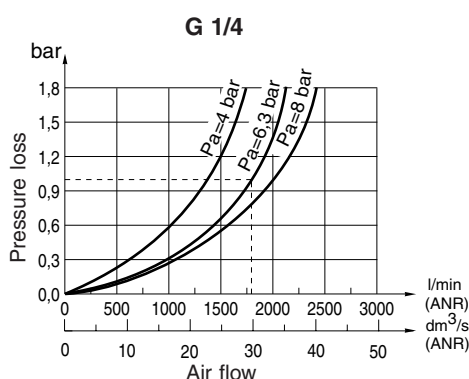
MODULAIR 105



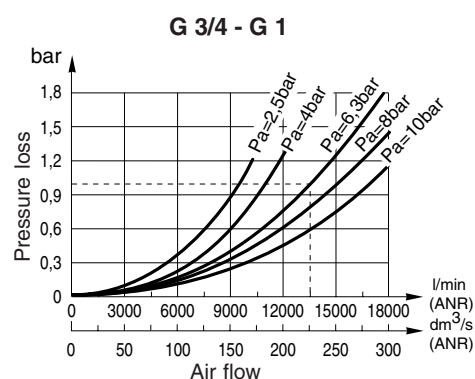
MODULAIR 107



MODULAIR 112

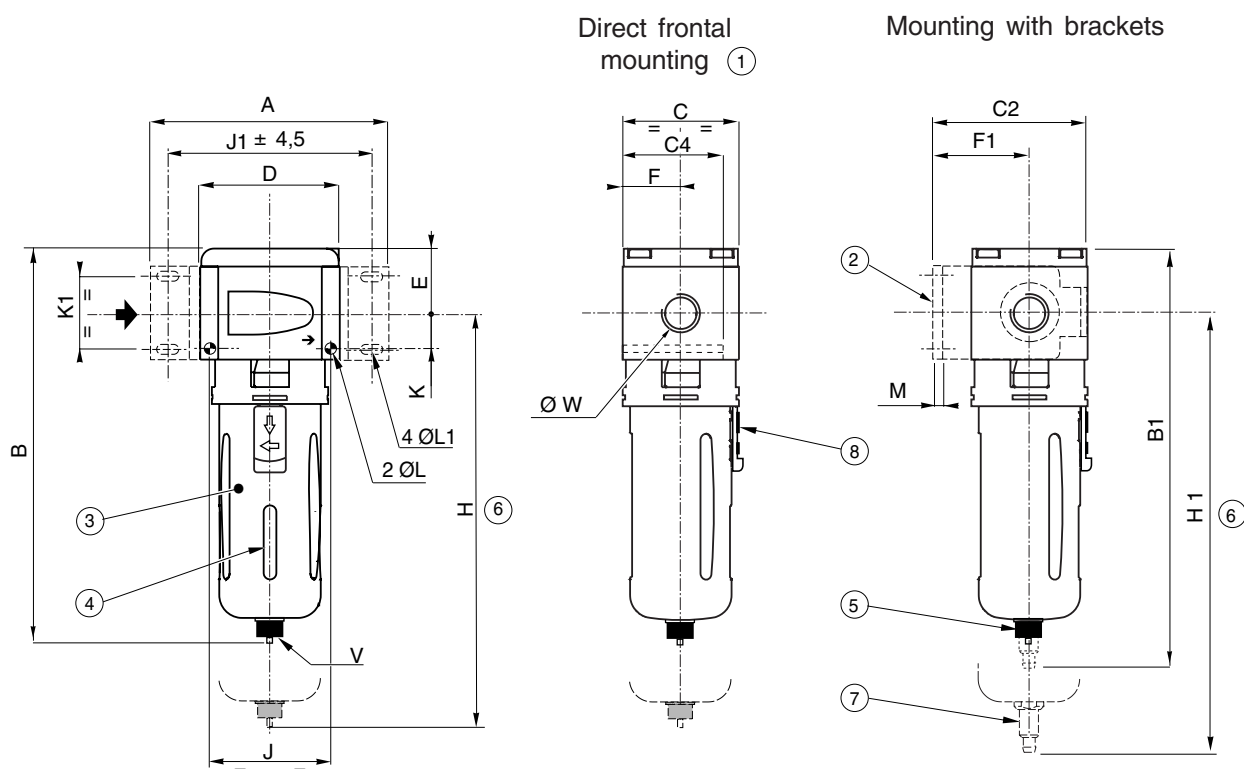


MODULAIR 150



DIMENSIONS AND WEIGHTS

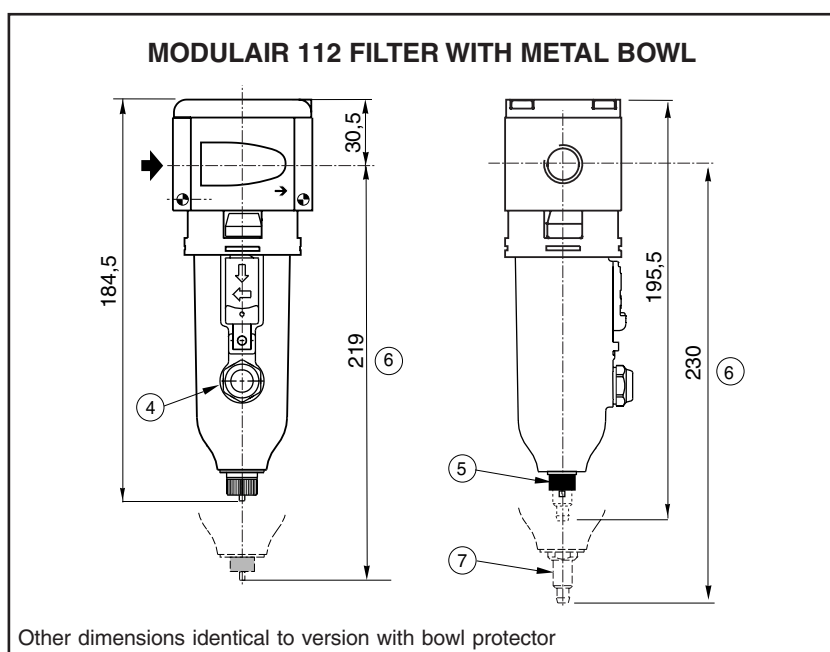
MODULAIR 107 and 112



Range	MODULAIR 107	MODULAIR 112
Ø W	G1/8 G1/4	G1/4 G3/8 G1/2
Bowl (cl)	7	12
A	83	112
B	159,5	187
B1	-	198
C	42	55
C2	61	73,5
C4	38	47,5
D	42	66
E	25,5	30,5
F	21	27,5
F1	40	46
H	190	221,5
H1	-	232,5
J	32	57
J1	68,5	96
K	10	17
K1	28	33,5
ØL	4,1	5,5
ØL1	4,5	5,5
M	3	4
V	G1/8	G1/8
Weight (kg)	0,280	0,700 0,780 ⁽¹⁾

(1) Weight with automatic drain

- ① Direct frontal mounting: 2 holes of dia. L and depth C4
- ② Mounting with 2 side brackets (accessory)
- ③ Metal bowl protector with transparent polycarbonate bowl
- ④ Condensate level window (short slot)
- ⑤ G 1/8 connectable semi-automatic drain
- ⑥ Clearance necessary for removing bowl
- ⑦ Automatic drain with fitting for connection of 6 mm ID hose (Modulair 112 range)
- ⑧ Protector unlocking button



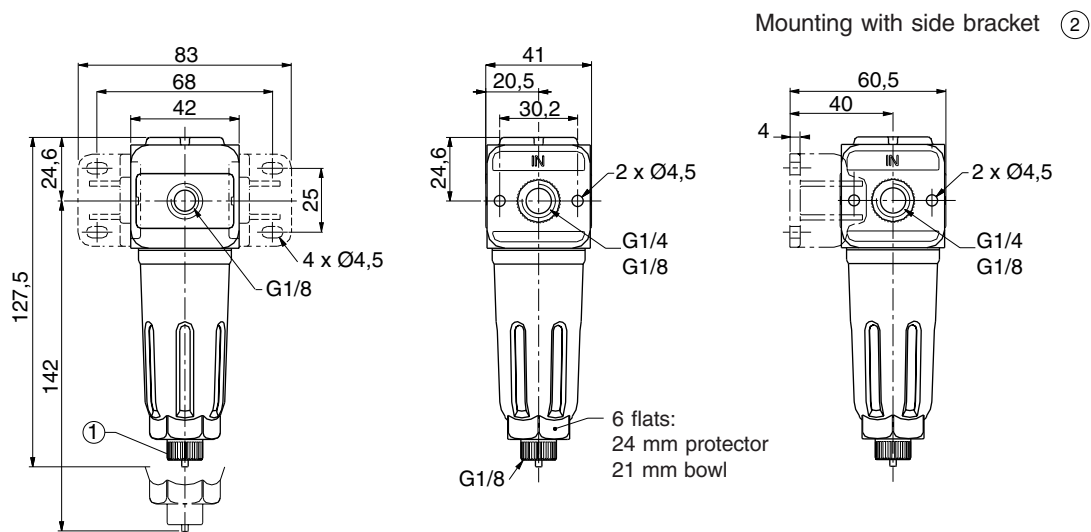
Other dimensions identical to version with bowl protector

Series 342 - MODULAIR 105 and 150 RANGE FILTERS

DIMENSIONS AND WEIGHTS

Weight: 0.134 kg

MODULAIR 105



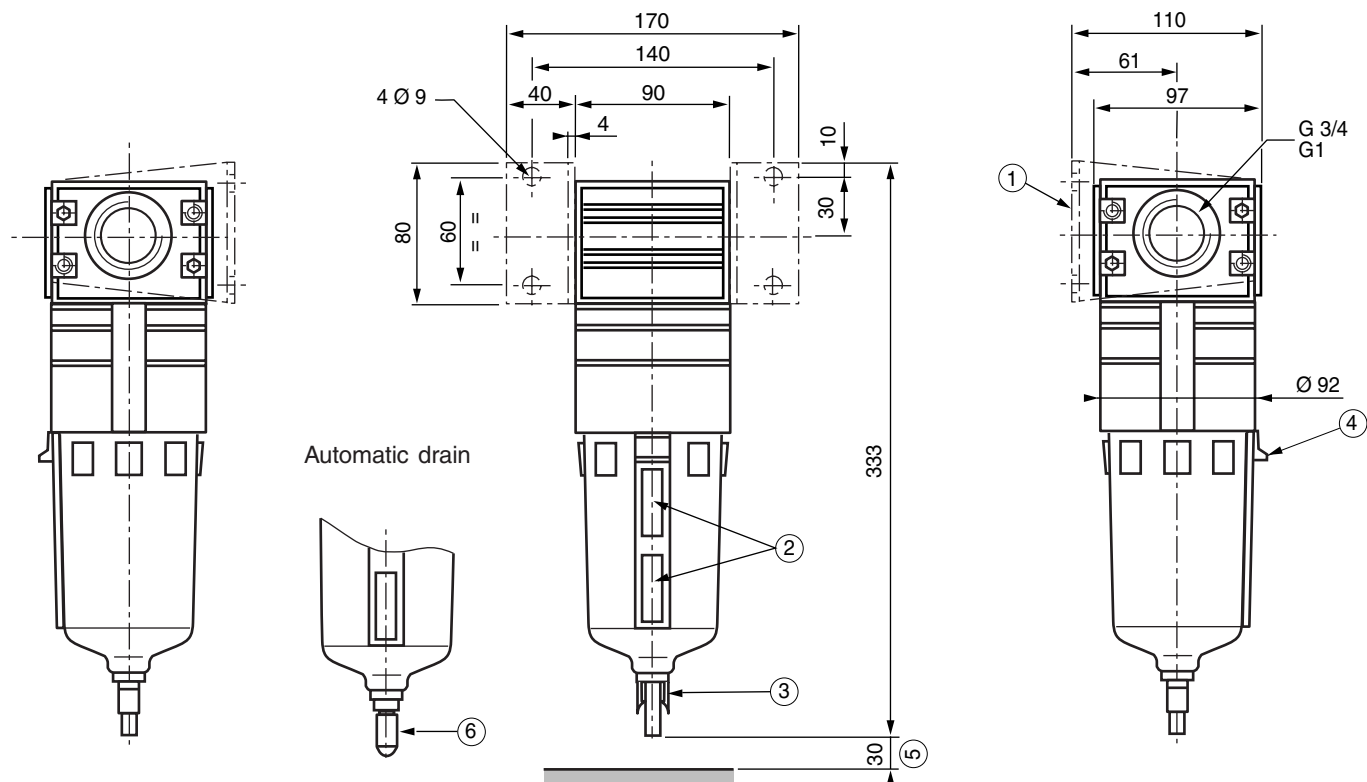
① Semi-automatic drain, connectable to G1/8

② Mounting with side bracket (accessory)

MODULAIR 150

Weight: 2.200 kg

Mounting with side brackets



① Mounting with 2 side brackets (accessory)

② Condensate level sight glass

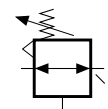
③ Semi-automatic drain, connectable to 6 mm ID flexible tubing

④ Protector unlocking button

⑤ Clearance required for bowl removal

⑥ Automatic drain, connectable to 6 mm ID flexible tubing

All leaflets are available on: www.ascojoucomatic.com



OVERALL SPECIFICATION

FLUID : Compressed air or neutral gas
: Water or oxygen service on request

RANGE

PORTS

MAX. INLET PRESSURE (bar)

CONTROLLED PRESSURE (bar)

HYSTERESIS (bar)

AMBIENT TEMPERATURE (°C)

MAX. FLOW (Qv at 6.3 bar)

SELF-RELIEVING REGULATOR

MODULAIR			
105	107	112	150
G1/8 - G1/4	G1/8 - G1/4	G1/4...G1/2	G3/4 - G1
12	16	16	16
0,5 - 8	0,5 - 10	0,5 - 10	0,5 - 12
see table below for other values			
0,35	0,3	0,2	0,4
0°, +50°	-10°, +60°	-10°, +60°	0°, +60°
see table below and charts			



INDIVIDUAL SPECIFICATIONS AND CONSTRUCTION

■ MODULAIR 105 range

Regulating device with **rolling** diaphragm (very low hysteresis)

Nitrile seal (NBR)

Glass-fibre reinforced polyamide body (PA)

Locking "pull-turn-push" pressure control knob

■ MODULAIR 107 and 112 ranges

Regulating device with **rolling** diaphragm (very low hysteresis)

Nitrile seal (NBR)

Painted zamak body

Locking "pull-turn-push" pressure control knob

■ MODULAIR 150 range

Diaphragm-type regulating device

Nitrile seal (NBR)

Painted zamak body

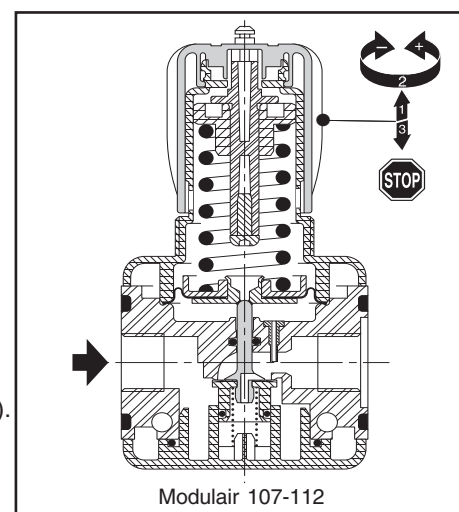
Locking "pull-turn-push" pressure control knob

INSTALLATION

Regulators can be installed in any position

Panel mounting possible (mounting ring: see accessories)

Fluid flow direction indicated by arrow and "IN" - "OUT" marking on body (Modulair 105).



Modulair 107-112

CHOICE OF EQUIPMENT

Port size	MODULAIR range	Maximum inlet pressure	Controlled pressure	Maximum flow (at 6.3 bar pressure setpoint and ΔP of 1 bar / setpoint)		CODE		
		(bar)	(bar)	l/min (ANR)	dm³/s (ANR)	gauge dia.	REGULATOR	
							WITH pressure gauge 0-12 bar (1)	WITHOUT pressure gauge
Adjustment range: STANDARD								
G1/8	105	12	0,5-8	550	9	40	342 25 007	342 25 005
G1/4	105	12	0,5-8	650	11	40	342 25 008	342 25 006
G1/8	107	16	0,5-10	700	11,7	40	342 04 037	342 04 033
G1/4	107	16	0,5-10	1300	22	40	342 04 038	342 04 034
G1/4	112	16	0,5-10	1800	30	50	342 03 058	342 03 052
G3/8	112	16	0,5-10	3000	50	50	342 03 059	342 03 053
G1/2	112	16	0,5-10	3000	50	50	342 03 060	342 03 054
G3/4	150	16	0,5-12	11000	183	50	342 06 011	342 06 009
G1	150	16	0,5-12	13000	217	50	342 06 012	342 06 010
Adjustment range: LOW (0.2 - 3 bar) (0-4 bar pressure gauge)								
G1/8	105	12	0,2-3	550	9	40	342 25 261	342 25 259
G1/4	105	12	0,2-3	650	11	40	342 25 262	342 25 260
G1/8	107	16	0,2-3	700	11,7	40	342 04 043	342 04 039
G1/4	107	16	0,2-3	1300	22	40	342 04 044	342 04 040
G1/4	112	16	0,2-3	1800	30	50	342 03 070	342 03 064
G3/8	112	16	0,2-3	3000	50	50	342 03 071	342 03 065
G1/2	112	16	0,2-3	3000	50	50	342 03 072	342 03 066

(1) 0-10 bar pressure gauge in Modulair 105 range
0-16 bar pressure gauge in Modulair 150 range
Other adjustment ranges on request

ACCESSORIES AND OPTIONS (see overleaf)

Joinable regulator
common supply
type Modulair 112 (see page P710-43)

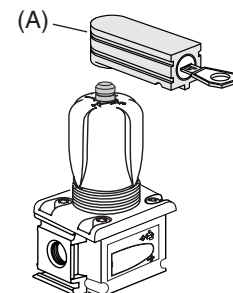
Series 342 - MODULAIR 105 and 150 RANGE REGULATORS

ACCESSORIES

DESCRIPTION	CODES			
	Modulair 105	Modulair 107	Modulair 112	Modulair 150
Two-part assembly kit	-	343 04 001	343 03 001	343 00 028
Top mounting ring	343 00 011	343 00 011	343 00 004	-
Top mounting bracket	343 00 016	343 00 016	343 00 017	-
Side mounting brackets	343 25 005	343 04 003	343 03 003	343 00 029
40 mm dia. pressure gauge (0-10 bar)	343 00 014	-	-	-
40 mm dia. pressure gauge (0-12 bar)	-	343 00 041	-	-
50 mm dia. pressure gauge (0-12 bar)	-	-	342 00 062	-
50 mm dia. pressure gauge (0-16 bar)	-	-	-	342 00 997
Electronic pressure switch	See P800-12			
By-pass module	without	See pages relating to accessories		

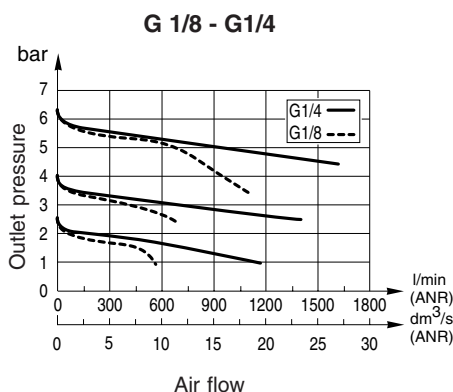
OPTIONS

- Key locking device attached to adjustment knob
supplied installed on regulator, code: **662 561** for Modulair 107 range
662 554 for Modulair 112 range
662 553 for Modulair 150 range
- Key locking device (A), supplied separately, code: **343 03 050** (fits Modulair 107, 112 and 150 ranges)
- Adjustment range: 0.5 to 12 bar for Modulair 107 and 112 ranges
(provide 50 mm dia., 0 - 16 bar pressure gauge)
- Water service (non-self-relieving) code: **662 541** for Modulair 112 range

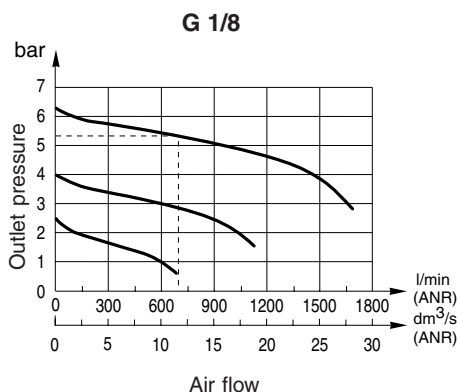


PRESSURE LOSS VERSUS AIR FLOW CURVES

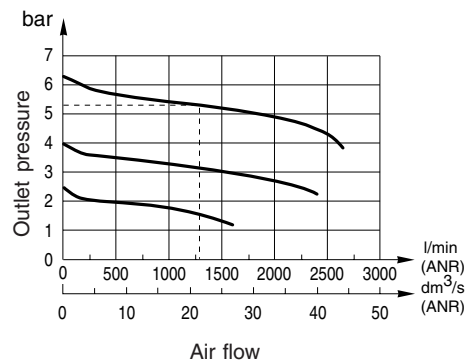
MODULAIR 105



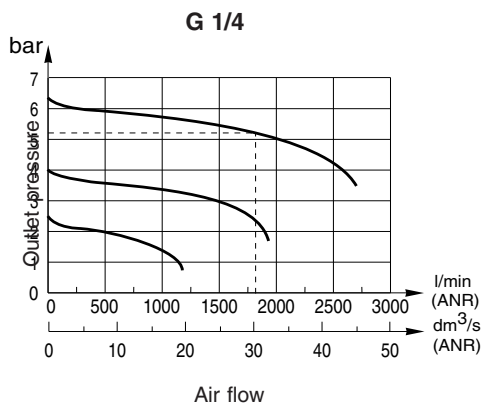
MODULAIR 107



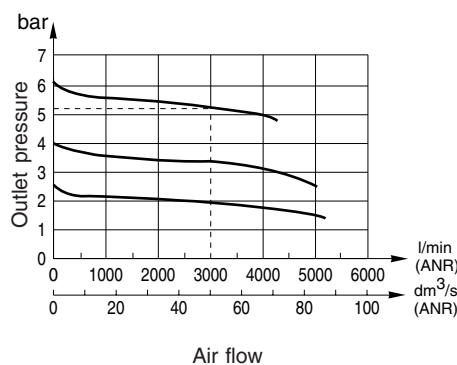
G 1/4



MODULAIR 112

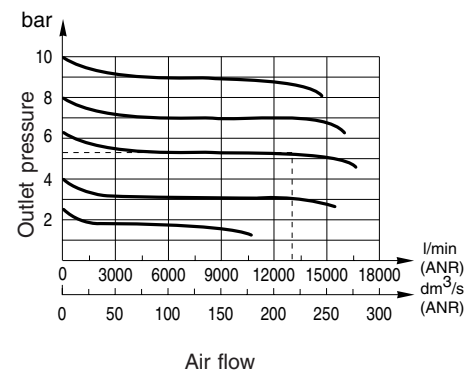


G 3/8 - G 1/2



MODULAIR 150

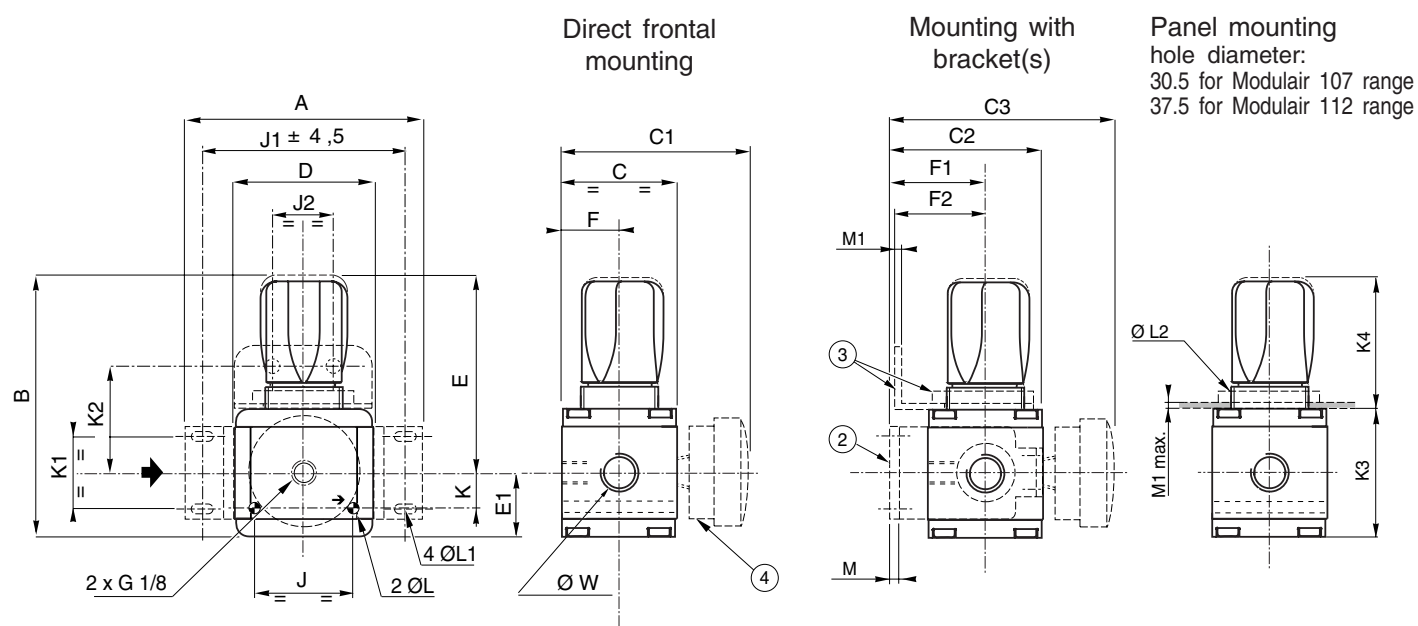
G 3/4 - G 1



Series 342 - MODULAIR 107 and 112 RANGE REGULATORS

DIMENSIONS AND WEIGHTS

MODULAIR 107 - 112



Range	MODULAIR 107	MODULAIR 112
Ø W	G1/8 G1/4	G1/4 G3/8 G1/2
A	83	112
B	104	125
C	42	55
C1	76	87
C2	61	73,5
C3	95	105
D	42	66
E	78,5	94,5
E1	25,5	30,5
F	21	27,5
F1	40	46
F2	42	42
J	32	45
J1	68,5	96
J2	29	29
K	10	17
K1	28	33,5
K2	37,5	42,5
K3	51	61
K4	53	64
ØL	4,1	5,5
ØL1	4,5	5,5
ØL2	M30x2	M 37x 2
M	3	4
M1	2	2
Weight (kg)	0,270 ⁽¹⁾	0,550 ⁽¹⁾

- ① Direct frontal mounting: 2 holes of diam. L and depth C
- ② Mounting with 2 side brackets (accessory)
- ③ Mounting by upper bracket and mounting ring (accessories)
- ④ Pressure gauge of 40 mm dia. (Modulair 107 range)
or 50 mm dia. (Modulair 112 range)

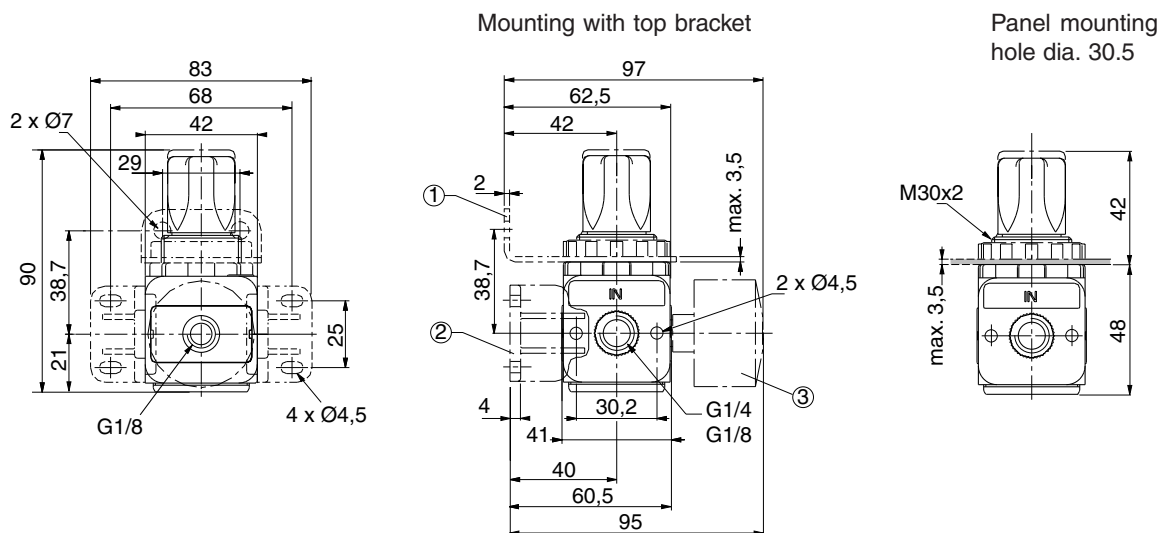
(1) Weight without pressure gauge

Series 342 - MODULAIR 105 and 150 RANGE REGULATORS

DIMENSIONS AND WEIGHTS

Weight: 0.135 kg

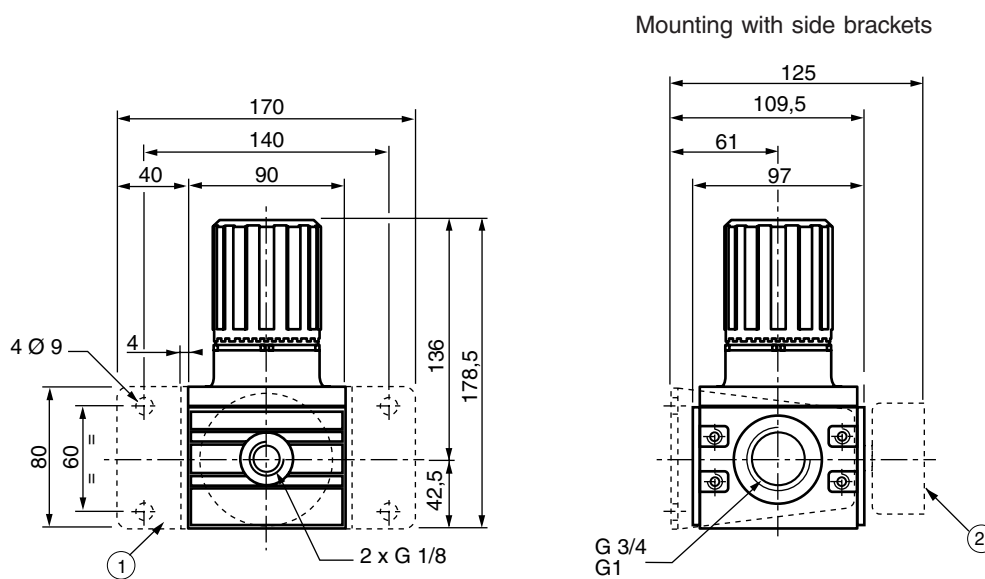
MODULAIR 105



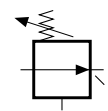
- ① Mounting with top bracket (accessory) and mounting ring
- ② Mounting with 2 side brackets (accessory)
- ③ 40 mm dia. pressure gauge

MODULAIR 150

Weight: 1.800 kg



- ① Mounting with side brackets (accessory)
- ② 50 mm dia. pressure gauge



OVERALL SPECIFICATION

FLUID : **water**
 PORTS : G1/8 - G1/4
 MAX. INLET PRESSURE (bar) : 12
 CONTROLLED PRESSURE (bar) : 0,5 - 6 (see table below for other values)
 HYSTERESIS (bar) : 0.35
 AMBIENT TEMPERATURE (°C) : 5°, +50°C
 MAX. FLOW (Qv at 6,3 bar) : see P710-18
 REGULATOR, NON-SELF-RELIEVING

INDIVIDUAL SPECIFICATIONS AND CONSTRUCTION

Regulating device with **rolling** diaphragm (very low hysteresis)
 Nitrile seal (NBR)
 Glass-fibre reinforced polyamide body (PA)
 Locking "pull-turn-push" pressure control knob



INSTALLATION

Regulators can be installed in any position
 Panel mounting possible (mounting ring; see accessories)
 Fluid flow direction indicated by arrow and "IN" - "OUT" marking on body

CHOICE OF EQUIPMENT

Port size	MODULAIR range	Maximum inlet pressure (bar)	Controlled pressure (bar)	Maximum flow Kv		CODE		
						REGULATORR		
				m³/h	l/min	Ø gauge	WITH pressure gauge 0-10 bar	WITHOUT pressure gauge
Adjustment range: STANDARD								
G1/8	105	12	0,5-6	0,58	9,7	40	342 25 273	342 25 271
G1/4	105	12	0,5-6	0,90	15	40	342 25 274	342 25 272
Adjustment range: LOW (0-4 bar pressure gauge)								
G1/8	105	12	0,2-3	0,58	9,7	40	342 25 269	342 25 267
G1/4	105	12	0,2-3	0,90	15	40	342 25 270	342 25 268

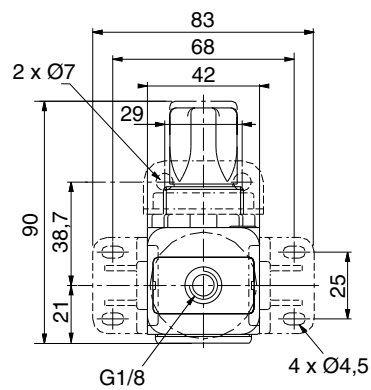
ACCESSORIES

DESCRIPTION	CODES
	Modulair 105
Top mounting ring	343 00 011
Top mounting bracket	343 00 016
Side mounting brackets	343 25 005
40 mm dia. pressure gauge (0-4 bar)	343 00 015
40 mm dia. pressure gauge (0-10 bar)	343 00 014

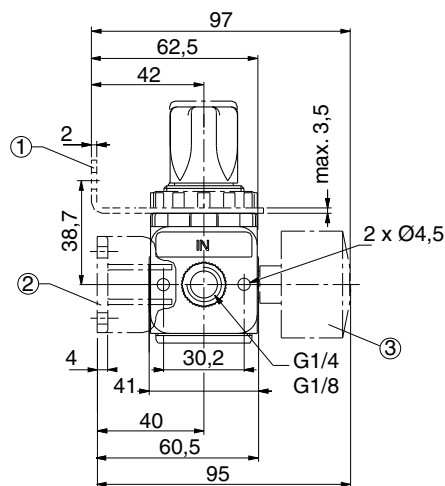
Series 342 - WATER REGULATOR MODULAIR 105 RANGE

DIMENSIONS AND WEIGHTS

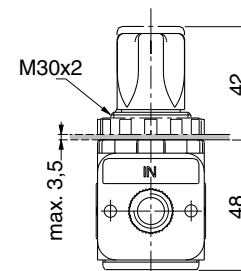
Weight: 0.130 kg



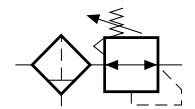
Mounting with bracket(s)



Panel mounting
Hole dia.: 30.5



- ① Mounting with top bracket (accessory) and ring
- ② Mounting with 2 side brackets (accessory)
- ③ Dia. 40 mm pressure gauge



OVERALL SPECIFICATION

FLUID : Compressed air and neutral gas

RANGE

PORTS

MAX. INLET PRESSURE (bar)

at 23°C

at 50°C

CONTROLLED PRESSURE (bar)

HYSTERESIS (bar)

AMBIENT TEMPERATURE (°C)

MAX. FLOW (Qv at 6.3 bar)

REGULATOR

MODULAIR			
105	107	112	150
G1/8 - G1/4	G1/8 - G1/4	G1/4...G1/2	G3/4 - G1
12	16	16	16
10	10	10	12
0,5 - 8	0,5 - 10	0,5 - 10	0,5 - 12
See options for other values			
0,35	0,3	0,2	0,4
0°C to +50°C			
See table below and charts			
Self-relieving			



INDIVIDUAL SPECIFICATIONS AND CONSTRUCTION

MODULAIR 105

Filtering capacity: 25 µm (5 µm on request)

Semi-automatic drain (operating pressure: min. 1.2 bar)

Regulating device with a **rolling** diaphragm (very low hysteresis)

MODULAIR 107 and 112 ranges

Filtering capacity: 25 µm or 5 µm (10 and 50 µm on request)

Semi-automatic drain (operating pressure: min. 1.2 bar)

or automatic (operating pressure: 2 to **10 bar max.**) or manual

Metal bowl for Modulair 112 range (see page 50)

Regulating device with a **rolling** diaphragm (very low hysteresis)

MODULAIR 150 range

Filtering capacity: 30 µm or 5 µm

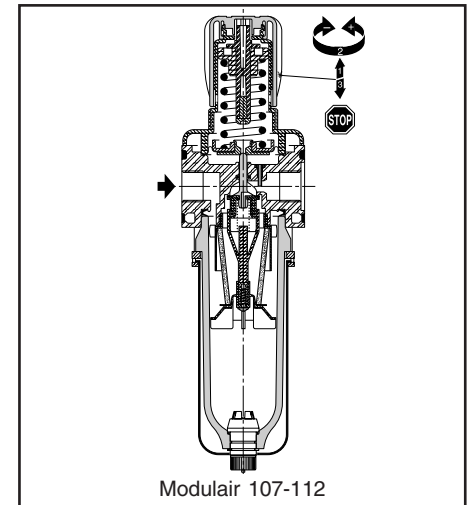
Semi-automatic or automatic drain (or manual on request)

Diaphragm-type regulating device

INSTALLATION - MAINTENANCE

Systems must be installed with the bowls in vertical position (at the bottom). Air flow direction indicated by arrow and "IN" - "OUT" marking on the body (Modulair 105).

Use an **alkaline solution (soapy water)** and not a solvent for cleaning the polycarbonate bowls and sight glasses



Modulair 107-112

CHOICE OF EQUIPMENT

Port size	MODULAIR range	Bowl capacity (cm ³)	Filtering capacity (µm)	Controlled pressure (bar)	Maximum flow (at 6.3 bar pressure setpoint and ΔP of 1 bar / setpoint)		CODE				
							FILTER/REGULATOR				
							Semi-automatic drain		Automatic drain		
							WITH gauge dia.	WITHOUT gauge (1)	WITH gauge	WITHOUT gauge (1)	WITHOUT gauge
25 µm filtration - 0.5 - 8/12 bar adjustment - Polycarbonate bowl WITH protector (2)											
G1/8	105	28	25	0,5-8	550	9	40	342 25 203	342 25 201	-	-
G1/4	105	28	25	0,5-8	650	11	40	342 25 204	342 25 202	-	-
G1/8	107	50	25	0,5-10	700	11,7	40	342 04 049	342 04 045	-	-
G1/4	107	50	25	0,5-10	1300	22	40	342 04 050	342 04 046	-	-
G1/4	112	114	25	0,5-10	1800	30	50	342 03 086	342 03 080	342 03 135	342 03 129
G3/8	112	114	25	0,5-10	3000	50	50	342 03 087	342 03 081	342 03 136	342 03 130
G1/2	112	114	25	0,5-10	3000	50	50	342 03 088	342 03 082	342 03 137	342 03 131
G3/4	150	550	30	0,5-12	11000	183	50	342 06 017	342 06 015	342 06 021	342 06 019
G1	150	550	30	0,5-12	13000	217	50	342 06 018	342 06 016	342 06 022	342 06 020
5 µm filtration - 0.5 - 10/12 bar adjustment - Polycarbonate bowl WITH protector (2)											
G1/8	107	50	5	0,5-10	600	10	40	342 04 055	342 04 051	-	-
G1/4	107	50	5	0,5-10	1100	18	40	342 04 056	342 04 052	-	-
G1/4	112	114	5	0,5-10	1500	25	50	342 03 098	342 03 092	342 03 147	342 03 141
G3/8	112	114	5	0,5-10	2500	42	50	342 03 099	342 03 093	342 03 148	342 03 142
G1/2	112	114	5	0,5-10	2500	42	50	342 03 100	342 03 094	342 03 149	342 03 143
G3/4	150	550	5	0,5-12	9300	155	50	342 06 025	342 06 023	342 06 029	342 06 027
G1	150	550	5	0,5-12	11000	183	50	342 06 026	342 06 024	342 06 030	342 06 028
25 µm filtration - 0.5 - 8/10 bar adjustment - Polycarbonate bowl WITHOUT protector											
G1/8	105	28	25	0,5-8	550	9	40	342 25 123	342 25 121	-	-
G1/4	105	28	25	0,5-8	650	11	40	342 25 124	342 25 122	-	-
G1/8	107	50	25	0,5-10	700	11,7	40	342 04 073	342 04 069	-	-
G1/4	107	50	25	0,5-10	1300	22	40	342 04 074	342 04 070	-	-
G1/4	112	114	25	0,5-10	1800	30	50	342 03 372	342 03 340	342 03 378	342 03 375
G3/8	112	114	25	0,5-10	3000	50	50	342 03 373	342 03 341	342 03 379	342 03 376
G1/2	112	114	25	0,5-10	3000	50	50	342 03 374	342 03 342	342 03 380	342 03 377

(1) 0-10 bar pressure gauge in Modulair 105 range
0-16 bar pressure gauge in Modulair 150 range

(2) Metal bowls in Modulair 150 range
Adjustment range 0.2 - 3 bar and other values on request

ACCESSORIES AND OPTIONS (see overleaf)

Series 342 - MODULAIR 105 to 150 RANGE FILTERS/REGULATORS

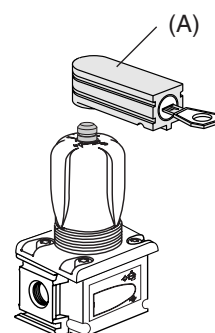
ACCESSORIES

DESCRIPTION	CODES			
	Modulair 105	Modulair 107	Modulair 112	Modulair 150
Two-part assembly kit	-	343 04 001	343 03 001	343 00 028
Top mounting ring	343 00 011	343 00 011	343 00 004	-
Top mounting bracket	343 00 016	343 00 016	343 00 017	-
Side mounting brackets	343 25 005	343 04 003	343 03 003	343 00 029
40 mm dia. pressure gauge (0-10 bar)	343 00 014	-	-	-
40 mm dia. pressure gauge (0-12 bar)	-	343 00 041	-	-
50 mm dia. pressure gauge (0-12 bar)	-	-	342 00 062	-
50 mm dia. pressure gauge (0-16 bar)	-	-	-	342 00 997
Electronic pressure switch	See P800-12			
By-pass module	Without	See pages relating to accessories		

OPTIONS

FOR FILTER/REGULATOR

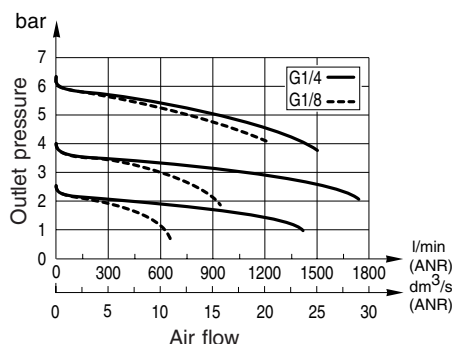
- Metal bowl equipped with semi-automatic, automatic or manual drain for Modulair 112 range (see page 50)
- Polyamide bowl with protector for use in solvent-charged environments (Modulair 107 and 112 ranges, consult us for Modulair 150 range)
- Manual drain for Modulair 105, 107 and 112 ranges - code **662 563**, consult us for Modulair 150 range
- Filtering capacity:
 - 5 μm : (consult us for Modulair 105 range)
 - 10 μm : code **662 555** (Modulair 107 range) - code **662 535** (Modulair 112 range)
 - 50 μm : code **662 556** (Modulair 107 range) - code **662 536** (Modulair 112 range)
- Key locking device for adjustment knob, attached to knob, supplied installed on regulator, code: **662 561** for Modulair 107 range, **662 554** for Modulair 112 range and **662 553** for Modulair 150 range
- Key locking device (A), supplied separately, code: **343 03 050** (fits Modulair 107, 112 and 150 ranges)
- Adjustment range: 0.2 to 3 bar, for Modulair 105, 107 and 112 ranges
(provide 40/50 mm dia. 0 - 4 bar pressure gauge)
- 0.5 to 12 bar, for Modulair 107 and 112 ranges (provide 50 mm dia. 0 - 16 bar pressure gauge)



PRESSURE LOSS VERSUS AIR FLOW CURVES

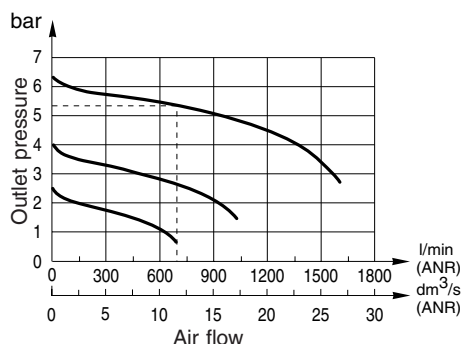
MODULAIR 105

G 1/8 - G1/4

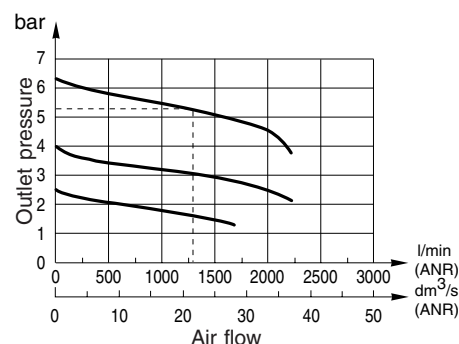


MODULAIR 107

G 1/8

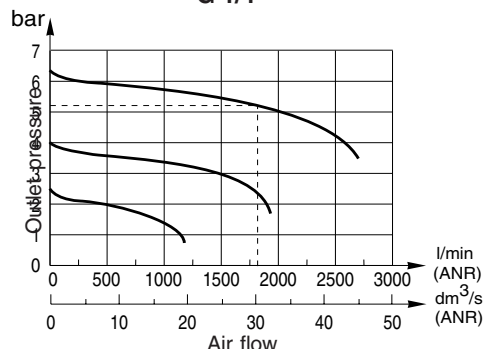


G 1/4

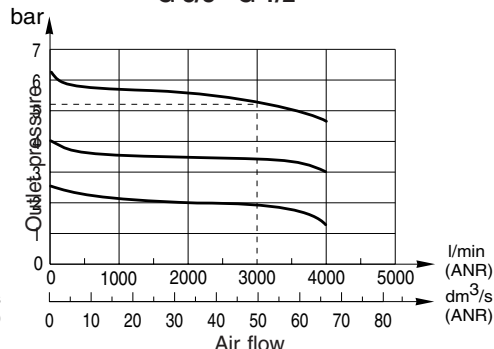


MODULAIR 112

G 1/4

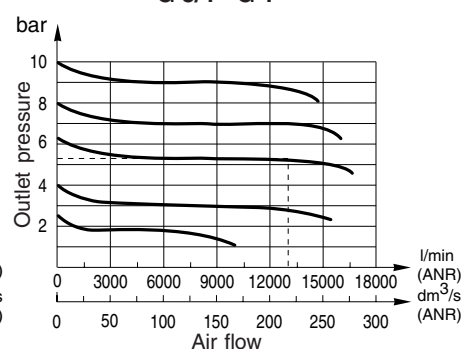


G 3/8 - G 1/2



MODULAIR 150

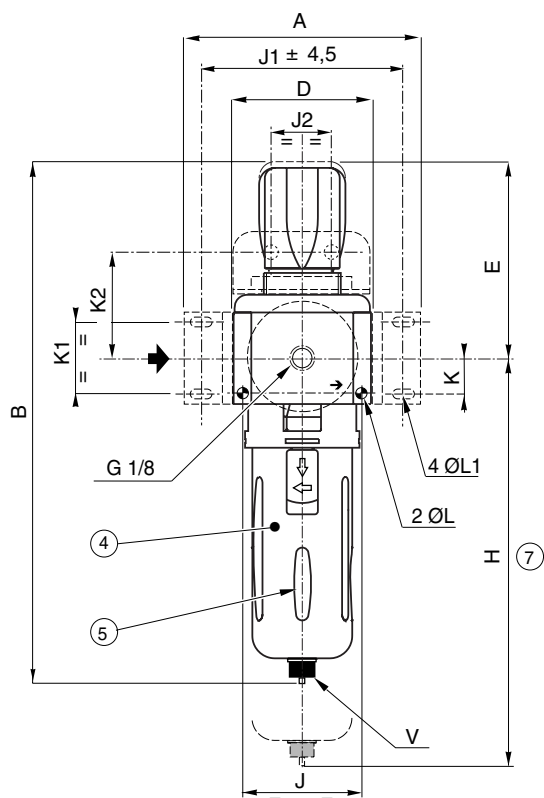
G 3/4 - G 1



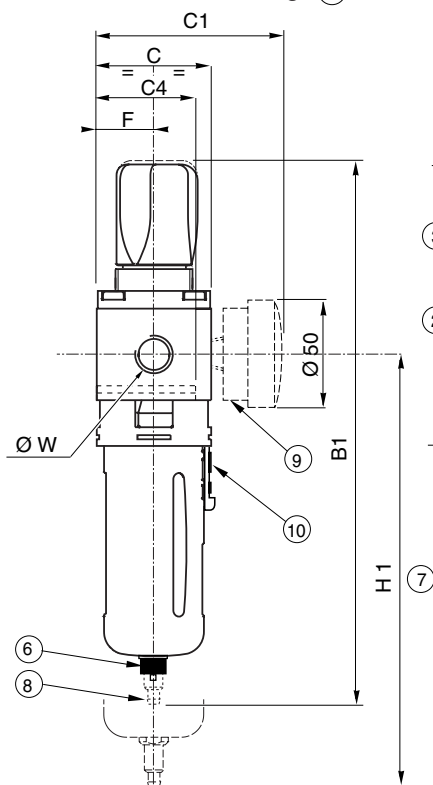
Series 342 - MODULAIR 107 and 112 RANGE FILTERS/REGULATORS

DIMENSIONS AND WEIGHTS

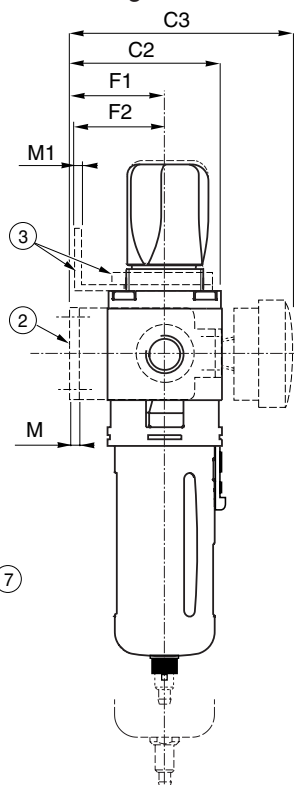
MODULAIR 107 and 112



Direct frontal mounting ①



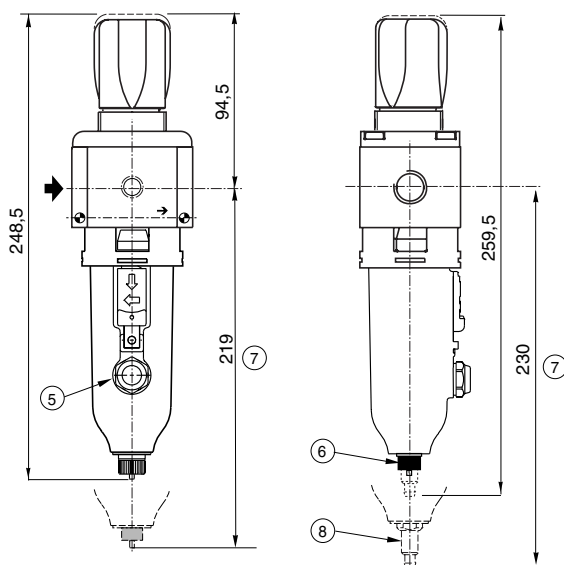
Mounting with bracket(s)



Range	MODULAIR 107	MODULAIR 112
Ø W	G1/8 G1/4	G1/4 G3/8 G1/2
Bowl (cl)	7	12
A	83	112
B	213	251
B1	-	262
C	42	55
C1	76	87
C2	61	73,5
C3	95	105
C4	38	47,5
D	42	66
E	79	94,5
F	21	27,5
F1	40	46
F2	42	42
H	190	221,5
H1	-	232,5
J	32	57
J1	68,5	96
J2	29	29
K	10	17
K1	28	33,5
K2	37,5	42,5
ØL	4,1	5,5
ØL1	4,5	5,5
M	3	4
M1	2	2
V	G1/8	G1/8
Weight (kg)	0,380 ⁽¹⁾	0,830 ⁽¹⁾ 0,910 ⁽²⁾

- ① Direct frontal mounting: 2 holes of dia. L and depth C4
- ② Mounting with 2 side brackets (accessory)
- ③ Mounting with top bracket and mounting ring (accessory)
- ④ Metal bowl protector with transparent polycarbonate bowl
- ⑤ Condensate level window
- ⑥ G 1/8 connectable semi-automatic drain
- ⑦ Clearance necessary for bowl removal
- ⑧ Automatic drain with fitting for connection of 6 mm ID hose (Modulair 112 range)
- ⑨ 40 mm dia. pressure gauge (Modulair 107 range)
or 50 mm dia. pressure gauge (Modulair 112 range)
- ⑩ Protector unlocking button

MODULAIR 112 FILTER/REGULATOR WITH METAL BOWL



Other dimensions identical to version with bowl protector

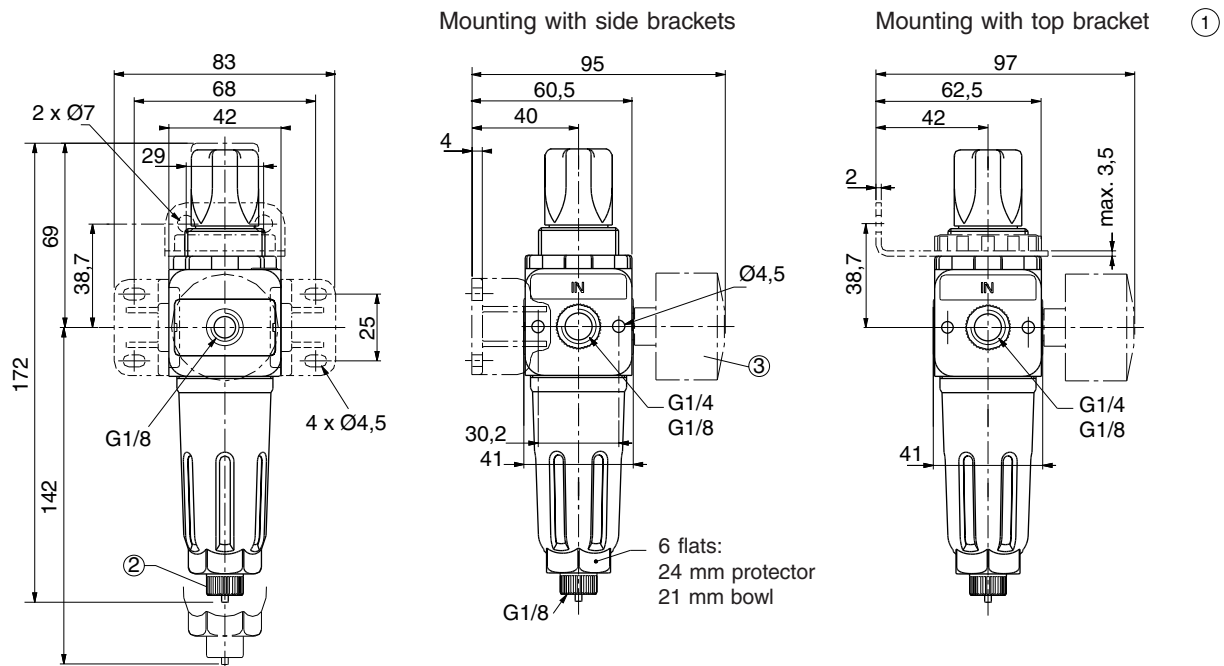
(1) Weight without pressure gauge
(2) Weight with automatic drain

Series 342 - MODULAIR 105 and 150 RANGE FILTERS/REGULATORS

DIMENSIONS AND WEIGHTS

Weight: 0.190kg

MODULAIR 105

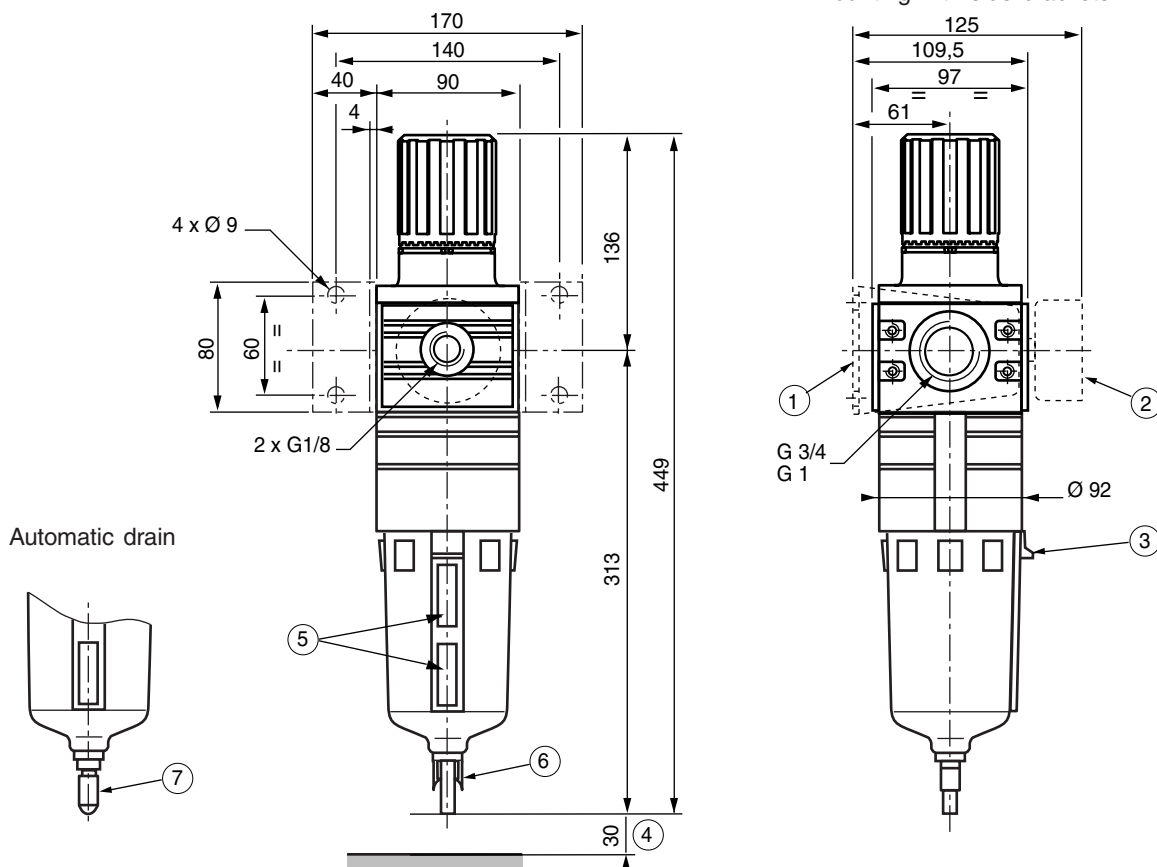


- ① Mounting with top bracket (accessory) and mounting ring
- ② Semi-automatic drain, connectable to G1/8 port

- ③ 40 mm dia. pressure gauge

MODULAIR 150

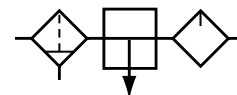
Mounting with side brackets



- ① Mounting with 2 side brackets (accessory)
- ② 50 mm dia. pressure gauge
- ③ Protector unlocking button
- ④ Clearance required for bowl removal

- ⑤ Condensate level window
- ⑥ Semi-automatic drain, connectable to 6 mm ID flexible tubing
- ⑦ Automatic drain, connectable to 6 mm ID flexible tubing

All leaflets are available on: www.ascojoucomatic.com



OVERALL SPECIFICATION

FLUID	: Compressed air or neutral gas
PORTS	: G1/8 - G1/4
MAX. INLET PRESSURE (bar)	: 10
AMBIENT TEMPERATURE (°C)	: 0°C to +50°C
MAX. FLOW (Qv à 6,3 bar)	: see table below and charts
MIN. START POINT	: see table below
LUBRICATION	: Selective oil fog

INDIVIDUAL SPECIFICATIONS AND CONSTRUCTION

Filtering capacity: 25 µm
 Filtering element of polyethylene (PE)
 Glas-fibre reinforced polyamide body (PA)
 Polycarbonate bowl (PC), UV resistant
 Condensate drain: semi-automatic (operating pressure: min. 1.2 bar)
 Oil refilling unpressurised and screw adjustment
 Integrated by-pass module

INSTALLATION MAINTENANCE

Systems must be installed with the bowls in vertical position (at the bottom)
 Air flow direction indicated by arrow and "IN" - "OUT" marking on body (Modulair 105)
 Recommended type of oil: non-detergent and without aggressive additives, viscosity VG32 (ISO 3448)
Use an alkaline solution (soapy water) and not a solvent for cleaning the polycarbonate bowls and sight glasses

CHOICE OF EQUIPMENT

Monobloc unit

Port size	MODULAIR range	Bowl capacity		Max. oil capacity	Filtering capacity	Flow (ANR)				CODES	
		total	useful			min. (1)		max.		FILTER - LUBRICATOR	
		(cm3)	(cm3)			(cm3)	(µm)	(l/min)	(dm³/s)	(l/min)	(dm³/s)
Polycarbonate bowl WITH protector											
G1/8	105	28	10	23	25	20	0,3	830	13,8	342 25 193	
G1/4	105	28	10	23	25	20	0,3	950	15,8	342 25 194	
Polycarbonate bowl WITHOUT protector											
G1/8	105	28	10	23	25	20	0,3	830	13,8	342 25 113	
G1/4	105	28	10	23	25	20	0,3	950	15,8	342 25 114	

(1) Minimum for lubricator startup

ACCESSORIES AND OPTIONS

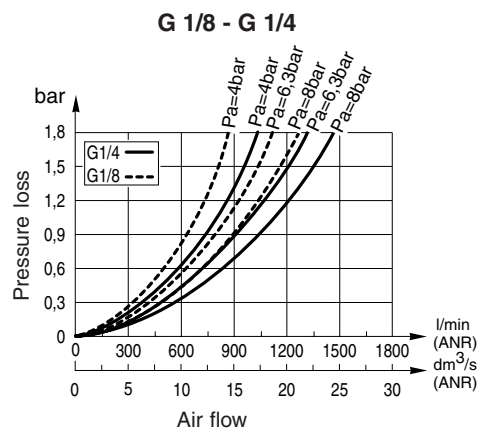
DESCRIPTION	CODES
	Modulair 105
Side mounting brackets	343 25 005
By-pass module	integrated

OPTIONS

- Manual drain- code **662 563**
- Consult us for a filtering capacity of 5 µm
- Additional by-pass insert for 4/6 tube - code **685 006**

Series 343 - MODULAIR 105 RANGE FILTER-LUBRICATOR

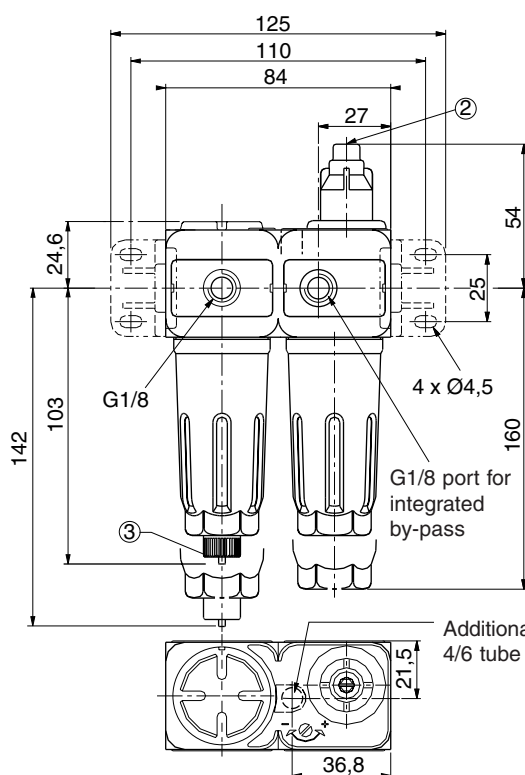
PRESSURE LOSS VERSUS AIR FLOW CURVES



DIMENSIONS AND WEIGHTS

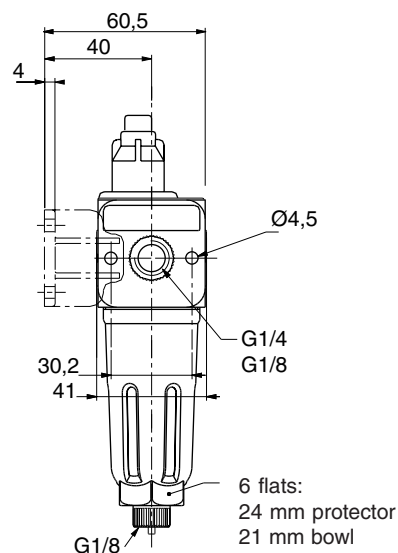
Weight: 0.240 kg

MODULAIR 105



Additional by-pass insert for 4/6 tube (option)

Mounting with side brackets ①



① Mounting by side brackets (accessory)

② Oil flow adjustment screw

③ Semi-automatic drain, connectable to G1/8 port



OVERALL SPECIFICATION

FLUID : Compressed air or neutral gas

RANGE

PORTS

MAX. INLET PRESSURE (bar)

at 23°C

at 50°C

AMBIENT TEMPERATURE (°C)

MAX. FLOW (Qv at 6.3 bar)

MIN. START POINT

LUBRICATION

MODULAIR		
107	112	150
G1/8 - G1/4	G1/4...G1/2	G3/4 - G1
12	12	12
10	10	12
0°C to +50°C		
See table below and charts		
See table below		
Selective oil fog		

INDIVIDUAL SPECIFICATIONS AND CONSTRUCTION

■ MODULAIR 107 and 112 ranges

Lubricator oil refilling unpressurised (Modulair 107 range)

Lubricator oil refilling unpressurised/pressurised (Modulair 112 range)

Painted zamak body

Polycarbonate bowl (PC), UV resistant, with or without protector

Bowl protector with safety lock and oil level window

Metal bowl for Modulair 112 range (see page 50)

Optional polyamide bowl

"Pull-turn-push" locking oil flow adjustment knob

■ MODULAIR 150 range

Lubricator oil refilling unpressurised/pressurised

Painted zamak body

Metal bowl with polycarbonate (PC) oil level window

INSTALLATION

Systems must be installed with the bowls in vertical position

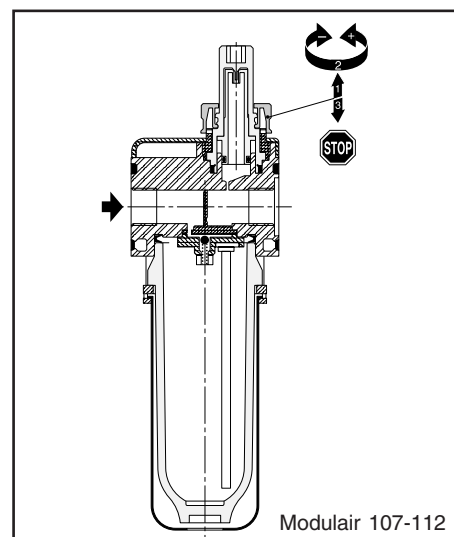
Air flow direction indicated by arrow

Adjust oil flow. Adjustment sight glass.

Recommended type of oil: Non-detergent and without aggressive additives
viscosity **VG32** (ISO 3448)

MAINTENANCE

Use an alkaline solution (soapy water) and not a solvent for cleaning the polycarbonate bowls and sight glasses



Modulair 107-112

CHOICE OF EQUIPMENT

Port size	MODULAIR range	Bowl capacity	Max. oil capacity	Flow at 6.3 bar				CODE
				min. (1)		max.		LUBRICATOR
		(cm ³)	(cm ³)	l/min (ANR)	dm ³ /s (ANR)	l/min (ANR)	dm ³ /s (ANR)	
Polycarbonate bowl WITH protector (2)								
G1/8	107	50	30	20	0,3	1350	22,5	342 04 001
G1/4	107	50	30	20	0,3	3500	58,5	342 04 002
G1/4	112	114	73	20	0,3	2000	33	342 03 270
G3/8	112	114	73	20	0,3	5500	92	342 03 271
G1/2	112	114	73	20	0,3	5500	92	342 03 272
G3/4	150	550	375	90	1,5	15500	258	342 06 013
G1	150	550	375	90	1,5	17000	283	342 06 014
Polycarbonate bowl WITHOUT protector								
G1/8	107	50	30	20	0,3	1350	22,5	342 04 005
G1/4	107	50	30	20	0,3	3500	58,5	342 04 006
G1/4	112	114	73	20	0,3	2000	33	342 03 276
G3/8	112	114	73	20	0,3	5500	92	342 03 277
G1/2	112	114	73	20	0,3	5500	92	342 03 278

(1) Minimum for lubricator startup

(2) Metal bowls with sight glasses in Modulair 150 range

Series 343 - MODULAIR 107 to 150 RANGE LUBRICATORS

ACCESSORIES

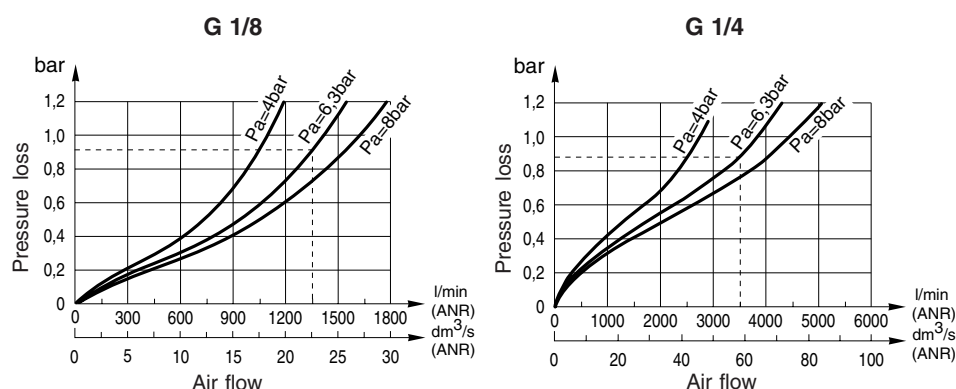
DESCRIPTION	CODES		
	Modulair 107	Modulair 112	Modulair 150
Two-part assembly kit	343 04 001	343 03 001	343 00 028
Side mounting brackets	343 04 003	343 03 003	343 00 029
By-pass module	See pages relating to accessories		

OPTIONS

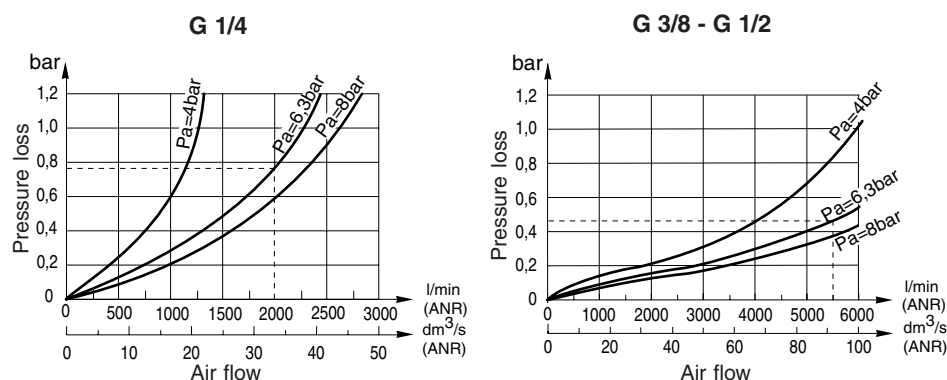
- Metal bowl for Modulair 112 range (see page 46)
- Polyamide bowl with protector, for use in solvent-charged environments (Modulair 107 and 112 ranges)

PRESSURE LOSS VERSUS AIR FLOW CURVES

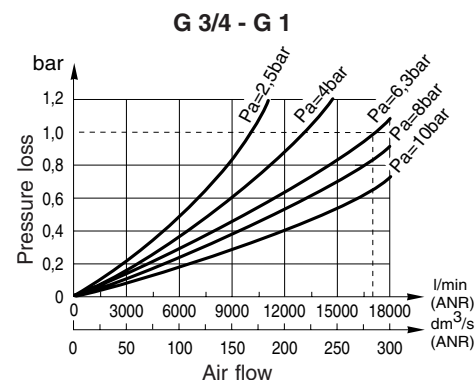
MODULAIR 107



MODULAIR 112



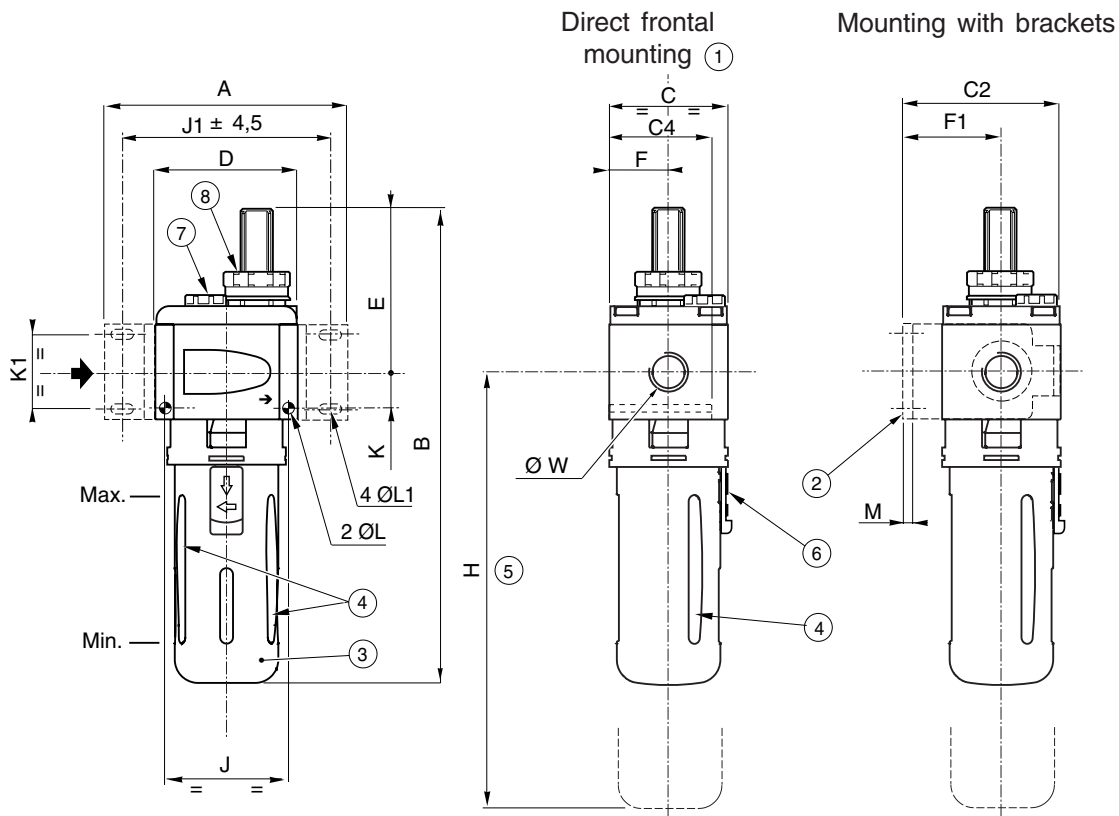
MODULAIR 150



Series 342 - MODULAIR 107 and 112 RANGE LUBRICATORS

DIMENSIONS AND WEIGHTS

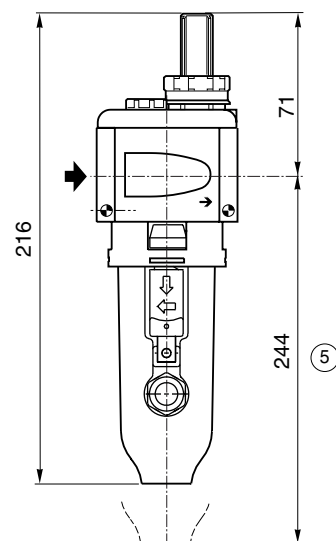
MODULAIR 107 and 112



Range	MODULAIR 107	MODULAIR 112
Ø W	G1/8 G1/4	G1/4 G3/8 G1/2
Bowl (cl)	7	12
A	83	112
B	187	215
C	42	55
C2	61	73,5
C4	38	47,5
D	42	66
E	65	71
F	21	27,5
F1	40	46
H	215	243
J	32	57
J1	68,5	96
K	10	17
K1	28	33,5
ØL	4,1	5,5
ØL1	4,5	5,5
M	4	4
Weight (kg)	0,350	0,640

- ① Direct frontal mounting: 2 holes of dia. L and depth C4
- ② Mounting with 2 side brackets (accessory)
- ③ Metal bowl protector with transparent polycarbonate bowl
- ④ Min./max. oil level window (long slots)
- ⑤ Clearance necessary for bowl removal
- ⑥ Protector unlocking button
- ⑦ Filler plug
- ⑧ Oil flow adjustment knob

MODULAIR 112 LUBRICATOR WITH METAL BOWL



Other dimensions identical to version with bowl protector

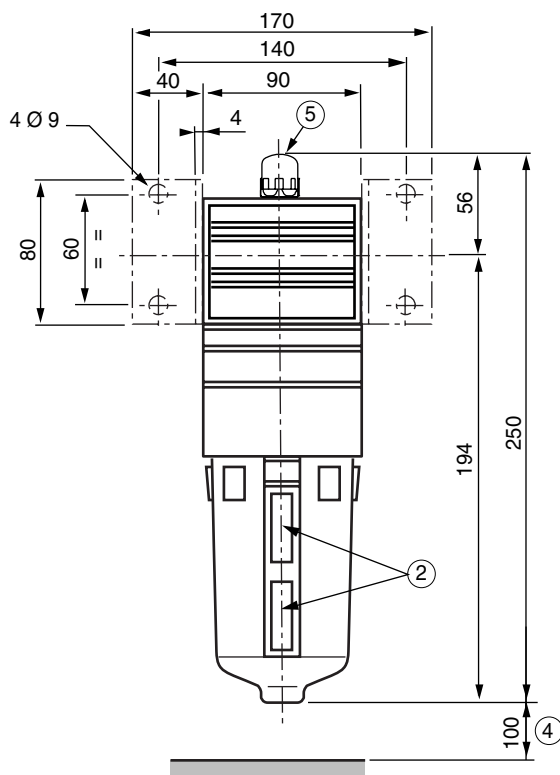
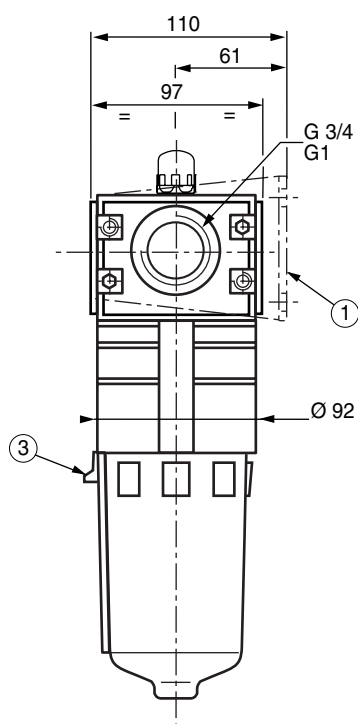
Series 342 - MODULAIR 150 RANGE LUBRICATORS

DIMENSIONS AND WEIGHTS

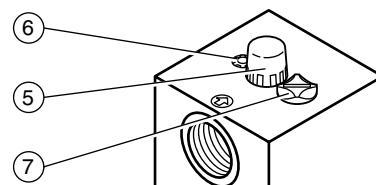
Weight: 1.600 kg

MODULAIR 150

Mounting with side brackets



Top view of lubricator



- ① Side mounting brackets (accessory)
- ② Min./max. oil level window
- ③ Protector unlocking button
- ④ Clearance required for bowl removal

- ⑤ Sight dome
- ⑥ Oil flow adjustment screw
- ⑦ In-service/out of service filler plug