



### FEATURES

- Constant and controlled lubrication: venturi-type technology with perfect oil atomisation
- Oil level control: Lubricator oil level viewing window and pressurised/unpressurised lubricator oil refilling.
- Compatible for use in major industrial environments: Metal bowl with protector

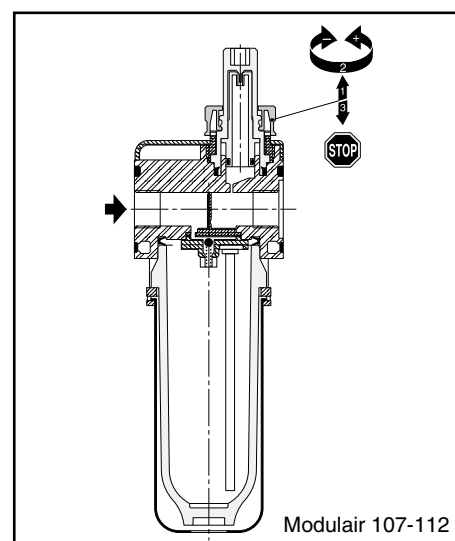
### SPECIFICATIONS

FLUID : Compressed air or neutral gas

RANGE	MODULAIR	
	107	112
PORTS	G1/8 - G1/4	G1/4...G3/4
MAX. INLET PRESSURE (bar)	12	12
	at 23°C	
	10	10
	at 50°C	
AMBIENT TEMPERATURE (°C)	0°C to +50°C	
MAX. FLOW (Qv at 6,3 bar)	See table below and charts	
MIN. START POINT	See table below	
LUBRICATION	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 26)
- Optional polyamide bowl
- «Pull-turn-push» locking oil flow adjustment knob



### CHOICE OF EQUIPMENT

port size	MODULAIR range	bowl capacity (cm <sup>3</sup> )	max. oil capacity (cm <sup>3</sup> )	flow at 6.3 bar				code
				mini (1)		max.		
				l/min (ANR)	dm <sup>3</sup> /s (ANR)	l/min (ANR)	dm <sup>3</sup> /s (ANR)	
<b>Polycarbonate bowl WITH protector</b>								
G1/8	107	50	30	20	0,3	1350	22,5	34204001
G1/4	107	50	30	20	0,3	2500	41,6	34204002
G1/4	112	114	73	20	0,3	3900	65	34203270
G3/8	112	114	73	20	0,3	> 6500	> 108	34203271
G1/2	112	114	73	20	0,3	> 6500	> 108	34203272
<b>Metal bowl WITH visualization (others versions see page 27)</b>								
G3/4 (2)	112	114	73	20	0,3	> 6500	> 108	34203A41
G3/4 (3)	112	114	73	20	0,3	> 6500	> 108	34203A43
<b>Polycarbonate bowl WITHOUT protector</b>								
G1/8	107	50	30	20	0,3	1350	22,5	34204005
G1/4	107	50	30	20	0,3	2500	41,6	34204006
G1/4	112	114	73	20	0,3	3900	65	34203276
G3/8	112	114	73	20	0,3	> 6500	> 108	34203277
G1/2	112	114	73	20	0,3	> 6500	> 108	34203278

- (1) Minimum for lubricator startup
- (2) Metal bowl version non intended for the combinaison
- (3) Version intended for the combinaison of various functions (FRL - isolation valve etc ...), select the desired functions and obtain the necessary assembly kits and mounting brackets (see page 42)

### 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

**ACCESSORIES** see page 42

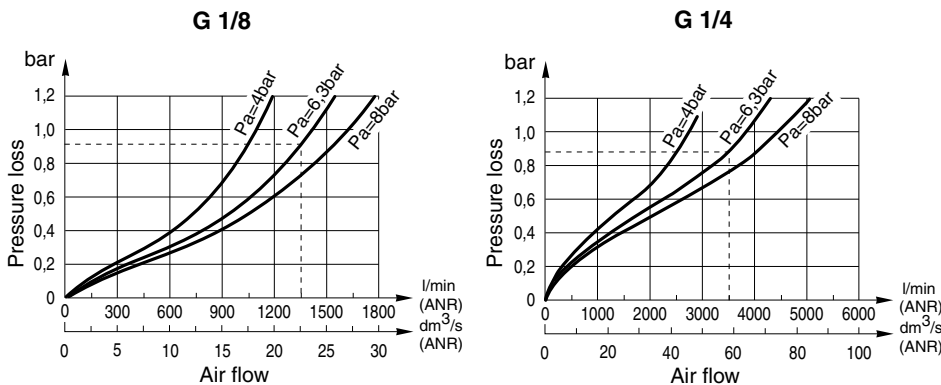
### OPTIONS

- Metal bowl for Modulair 112 range (see page 26)
- Polyamide bowl with protector, for use in solvent-charged environments (Modulair 107 and 112 ranges)
- G3/4 version for Modulair 112, individual unit not for combination, polycarbonate bowl **with** bowl protector use code for G1/2 version + option code **662600**, example: 34203003 + 662600
- Equipment for use in potentially **explosive atmospheres** caused by dusts or gases (ATEX Directive 94/9/EC)

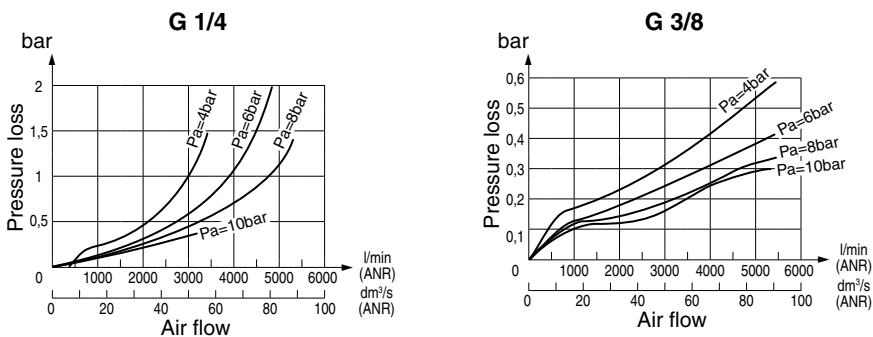
zones	⊕ classification	gas group	ATEX option code			
			Modulair 107		Modulair 112	
			with bowl protector	without bowl protector	with bowl protector	without bowl protector
2-22	II3GD c T 85°C (T6)	IIA-IIIB-IIC	612073		612021	
1-21	II2GD c IIB T85°C (T6)	IIB	612072		612023	
1-21	II2GD c IIC T85°C (T6)	IIC	612064	-	612062	-

### PRESSURE LOSS VERSUS AIR FLOW CURVES

#### MODULAIR 107

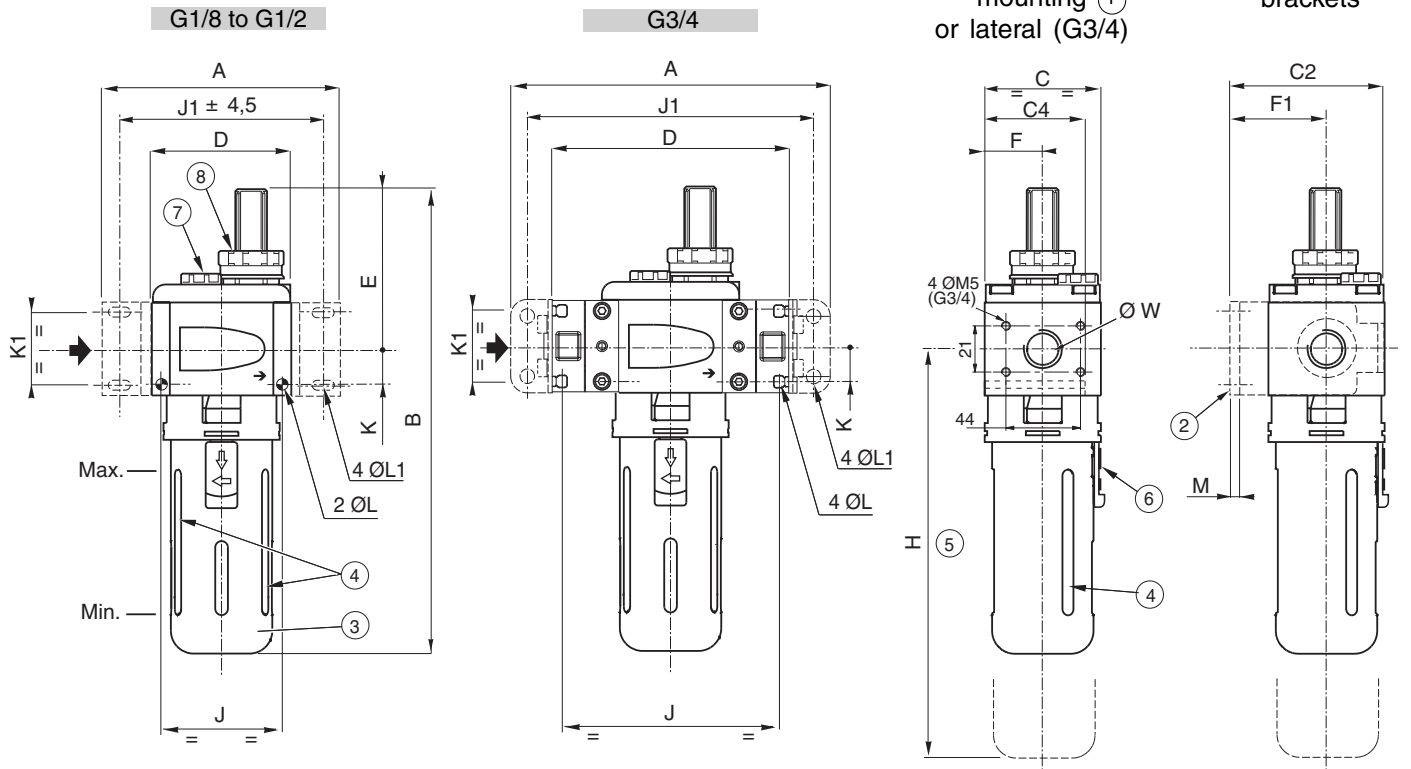


#### MODULAIR 112



### DIMENSIONS AND WEIGHTS

#### MODULAIR 107 - 112



Range	Modulair 107	Modulair 112	Modulair 112
$\varnothing W$	G1/8	G1/4	G3/4
	G1/4	G3/8	G3/4
		G1/2	
Bowl (cl)	7	12	12
A	83	112	154
B	187	215	215
C	42	55	55
C2	61	73,5	69,5
C4	38	47,5	47,5
D	42	66	114
E	65	71	27,5
F	21	27,5	27,5
F1	40	46	42
H	215	243	243
J	32	57	105
J1	68,5	96	138
K	10	17	17
K1	28	33,5	29
$\varnothing L$	4,1	5,5	4
$\varnothing L1$	4,5	5,5	7
M	4	4	2
Weight (kg)	0,350	0,640	0,970

- ① Direct frontal mounting (G1/2 - G3/4) : 2 holes  $\varnothing L$  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

