

Two piece air service unit FROY

Technical details

Temperature range	0°C ... +50°C
Input range	1.5 ... 16 bar (size Y0 max. 12 bar)
Mounting	vertically, drain at bottom
Medium	compressed air according to ISO 8573-1:2010, neutral gases
Materials	Body: Grivory (PA66) and POM, bowl: PC, seals: NBR, inner parts: zinc coated steel, stainless steel and brass

Combination of filter, regulator and lubricator.
 Locking: rotary lock and padlock possible.



Order code

FROY-***-**-5-***1	
Series	Versions
Connection / Size	Digit 1 Bowl
04 * G1/4 / Y0	1 PC with PA-guard
14 G1/4 / Y1	3 metal bowl with sight glass
37 G3/8 / Y1	Digit 2 Drain
38 G3/8 / Y2	2 semi-automatic (standard)
12 G1/2 / Y2	3 automatic, NO (open at 0 bar input pressure)
34 G3/4 / Y3	4 automatic, NC (closed at 0 bar input pressure)
10 G1 / Y3	Digit 3 Gauge, flow direction
Output range	0 without gauge, flow from left to right
04 0.2 ... 4 bar	1 without gauge, flow from right to left
08 0.5 ... 8 bar	2 with gauge, flow from left to right (standard)
10 0.5 ... 10 bar (standard)	3 with gauge, flow from right to left
Filter element	
5 5 µm	

* FROY-04 only with integrated gauge and flow from left to right available.

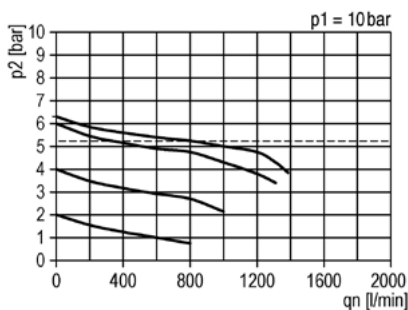
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Technical data

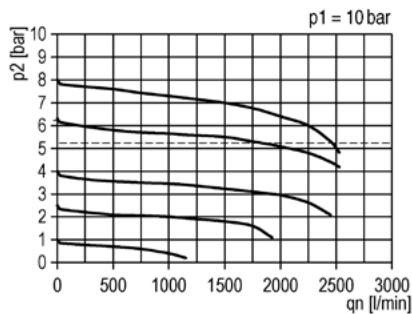
Model-no.:	FROY-04-...	FROY-14-...	FROY-37-...	FROY-38-...	FROY-12-...	FROY-34-...	FROY-10-...
Connection	G1/4	G1/4	G3/8	G3/8	G1/2	G3/4	G1
Size	Y0	Y1	Y1	Y2	Y2	Y3	Y3
Flow (NI/min)	600	1800	1800	3500	3500	12000	12000
Lubricator operating limit (NI/min)	30	100	100	70	70	115	115
Internal air consumption	-	-	-	-	-	max. 1.5 l/min	max. 1.5 l/min
Bowl volume (cm ³)	16	28	28	49	49	87	87
Bowl volume lubricator (cm ³)	35	40	40	80	80	181	181
Weight (kg)	0.39	0.67	0.65	1.09	1.06	2.27	2.13

Flow characteristic

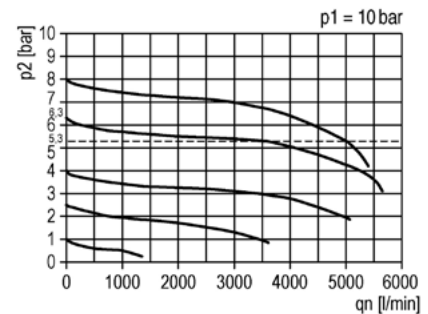
FROY-04



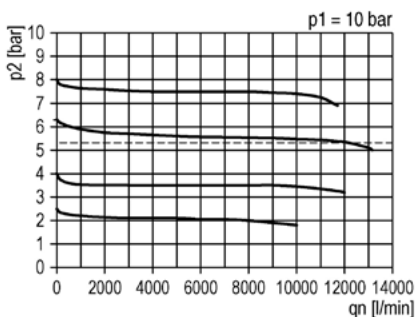
FROY-14, FROY-37



FROY-38, FROY-12



FROY-34, FROY-10

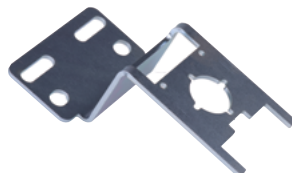


Accessories

Mounting brackets WYL



Mounting brackets WYP



Coupling kits for wall mounting KPY-W



Coupling kits KPY-K



Mounting nut RMY



Details: see page 12-23