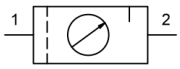
Partnership. With Guarantee.

Maintenance unit G1/4" up to G1"
Series MU218



Design type	Diaphragm pressure regulator with secondary venting, Centrifugal force principle filter, Sintered filter element, semi-automatic drain valve, Proportional lubricator, Handwheel lockable
Connection	G1/4"...G1" according to ISO228/1
Materials	Housing and Pressure gauge connection Polyamide glass fiber reinforced, Pressure ports Aluminium, Internal parts made of brass, Condensate reservoir Polycarbonate, Protective cage Polyamide, Seals NBR, Spring cap POM
Function	Pressure regulation with filtration and enrichment of the compressed air with oil
Locking mechanism	Pressure setting can be locked by pressing in the rotary knob
Filter element	5µm
Mounting type	Installation in piping system, Locknut or Wall mounting using mounting bracket
Mounting position	vertical, Drain screw bottom
Medium	Compressed air
Oil recommendation	HP32A (Temperature range 0...50°C)
Medium temperature	0...+50°C
Ambient temperature	0...+50°C
Inlet pressure	maximum 16bar, with automatic drain valve 1,5...16bar
Control ranges	0,1...1bar, 0,1...2bar, 0,2...4bar, 0,5...8bar, 0,5...10bar and 0,5...16bar
Flow direction	is marked by an arrow
Scope of delivery	including pressure gauge, without padlock VS36

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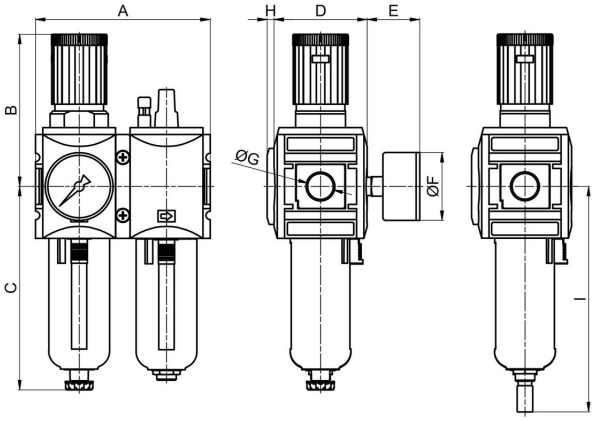
Order code

		MU218 - 14 H - 0,1/1 - A
	1/4"	14
	3/8"	38
	1/2"	12
	3/4"	34
Connection	1"	10
Flow rate	Standard (Leave blank)	
	high flow rate	H
Pressure range	0,1...1bar	0,1/1
	0,1...2bar	0,1/2
	0,2...4bar	0,2/4
	0,5...8bar	0,5/8
	0,5...10bar	0,5/10
	0,5...16bar	0,5/16
Drain valve	semi-automatic drain valve (Leave blank)	
	automatic drain valve	A

Dimensional drawing



semi-automatic drain valve

automatic drain valve

Connection G	Flow rate at 6 bar* [Nl/min]	A	B	C	D	E	F	H	I	Weight [approx. kg]
G1/4	1800	104	96	130	54	~38	50	4	145	0,7
G3/8	1800	104	96	130	54	~38	50	4	145	0,7
G3/8	3500	126	110	147	67	~38	50	5	163	1,2
G1/2"	3500	126	110	147	67	~38	50	5	163	1,1
G3/4"	12000	170	137	189	93	~38	63	5	206	2,4
G1"	12000	170	137	189	93	~38	63	5	206	2,2

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Connection	Flow rate at 6 bar* [Nl/min]	max. Inlet pressure [bar]	Pressure range [bar]	Type
G1/4"	1800	16	0,1...1	MU218-14H-0,1/1
G1/4"	1800	16	0,1...2	MU218-14H-0,1/2
G1/4"	1800	16	0,2...4	MU218-14H-0,2/4
G1/4"	1800	16	0,5...8	MU218-14H-0,5/8
G1/4"	1800	16	0,5...10	MU218-14H-0,5/10
G1/4"	1800	16	0,5...16	MU218-14H-0,5/16
G3/8"	1800	16	0,1...1	MU218-38-0,1/1
G3/8"	1800	16	0,1...2	MU218-38-0,1/2
G3/8"	1800	16	0,2...4	MU218-38-0,2/4
G3/8"	1800	16	0,5...8	MU218-38-0,5/8
G3/8"	1800	16	0,5...10	MU218-38-0,5/10
G3/8"	1800	16	0,5...16	MU218-38-0,5/16
G3/8"	3500	16	0,1...1	MU218-38H-0,1/1
G3/8"	3500	16	0,1...2	MU218-38H-0,1/2
G3/8"	3500	16	0,2...4	MU218-38H-0,2/4
G3/8"	3500	16	0,5...8	MU218-38H-0,5/8
G3/8"	3500	16	0,5...10	MU218-38H-0,5/10
G3/8"	3500	16	0,5...16	MU218-38H-0,5/16
G1/2"	3500	16	0,1...1	MU218-12-0,1/1
G1/2"	3500	16	0,1...2	MU218-12-0,1/2
G1/2"	3500	16	0,2...4	MU218-12-0,2/4
G1/2"	3500	16	0,5...8	MU218-12-0,5/8
G1/2"	3500	16	0,5...10	MU218-12-0,5/10
G1/2"	3500	16	0,5...16	MU218-12-0,5/16

*Flow rate data at inlet pressure of 10bar, outlet pressure of 6bar and 1bar Pressure drop

Connection	Flow rate at 6 bar* [Nl/min]	max. Inlet pressure [bar]	Pressure range [bar]	Type
G3/4"	12000	16	0,1...1	MU218-34-0,1/1
G3/4"	12000	16	0,1...2	MU218-34-0,1/2
G3/4"	12000	16	0,2...4	MU218-34-0,2/4
G3/4"	12000	16	0,5...8	MU218-34-0,5/8
G3/4"	12000	16	0,5...10	MU218-34-0,5/10
G3/4"	12000	16	0,5...16	MU218-34-0,5/16
G1"	12000	16	0,1...1	MU218-10-0,1/1
G1"	12000	16	0,1...2	MU218-10-0,1/2
G1"	12000	16	0,2...4	MU218-10-0,2/4
G1"	12000	16	0,5...8	MU218-10-0,5/8
G1"	12000	16	0,5...10	MU218-10-0,5/10
G1"	12000	16	0,5...16	MU218-10-0,5/16

*Flow rate data at inlet pressure of 10bar, outlet pressure of 6bar and 1bar Pressure drop

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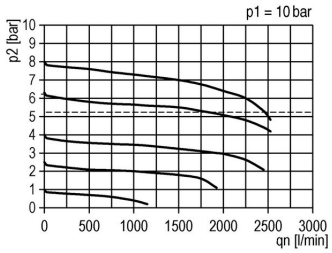
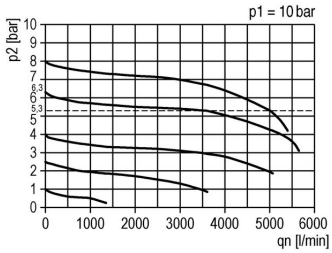
Flow diagrams

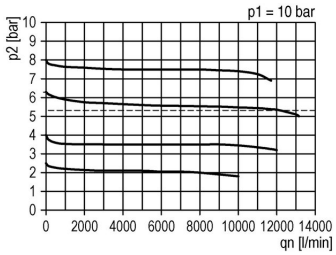
MU218-14H/38



MU218-38H/12



MU218-34/10



Accessories

Designation	Type
Mounting nut M36x1,5 for G1/4" and G3/8" (Type MU218-38)	MPN18-14H/38
Mounting nut M42x1,5 for G3/8" (Type MU218-38H) and G1/2"	MPN18-38H/12
Mounting nut M50x1,5 for G3/4" and G1"	MPN18-34/10
Mounting bracket M36x1,5 for G1/4" and G3/8" (Type MU218-38)	MMP18-14H/38
Mounting bracket M42x1,5 for G3/8" (Type MU218-38H) and G1/2"	MMP18-38H/12
Mounting bracket kit for G1/4" and G3/8" (Type MU218-38)	MMB18-14H/38
Mounting bracket kit for G3/8" (Type MU218-38H) and G1/2"	MMB18-38H/12
Mounting bracket kit for G3/4" and G1"	MMB18-34/10

Illustrations non-binding
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