

Specifications

Flow capacity*	1/4	12 dm ³ /s (25 scfm)
Operating temperature	Plastic bowl -10°C to 52°C (14°F to 125°F) Metal bowl -10°C to 65.5°C (14°F to 150°F)	
Max. supply pressure	Plastic bowl 10 bar (150 psig) Metal bowl 17 bar (250 psig)	
Standard filtration		5 micron
Useful retention†		12 cm ³ (0.4 US oz.)
Port size	BSPP / BSPT / NPT	1/4
Weight		0.11 kg (0.24 lbs)

* Inlet pressure 6.3 bar (91.3 psig). Pressure drop 0.34 bar (4.9 psig).
† Useful retention refers to volume below the quiet zone baffle.

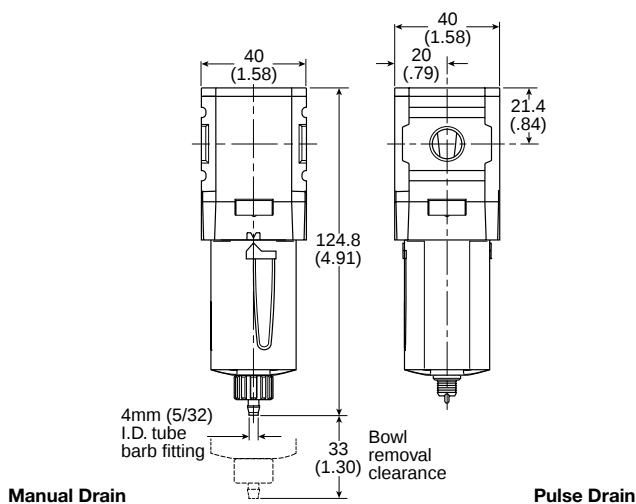
Air quality:

Within ISO 8573-1: 1991 Class 3 (Particulates)
Within ISO 8573-1: 2001 Class 6 (Particulates)

Material Specifications

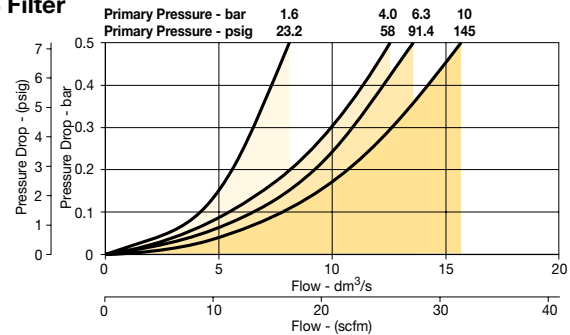
Body	Aluminum
Body cap	ABS
Bowl	Polycarbonate
Bowl guard	Nylon
Element retainer	Acetal
Baffle	Acetal
Filter element	Sintered polyethylene
Seals	Nitrile

Dimensions mm (inches)



Flow Charts

1/4 Filter



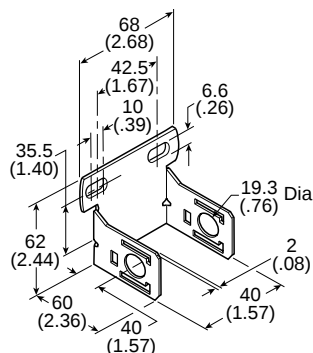
Repair and Service Kits

Plastic bowl / Bowl guard manual drain	P31KA00BGM
Metal bowl / w/o sight gauge manual drain	P31KA00BMM
Plastic bowl / Bowl guard pulse drain	P31KA00BGB
Metal bowl / w/o sight gauge pulse drain	P31KA00BMB
5μ particle filter element	P31KA00ESE
C-bracket (fits to body)	P31KA00MW
T-bracket with body connector	P31KA00MT
Body connector	P31KA00CB

Accessories - P31 Series

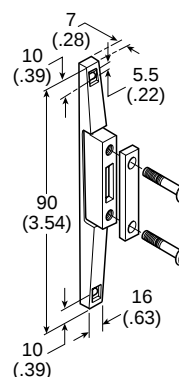
(Fits to filter and lubricator body)

P31KA00MW



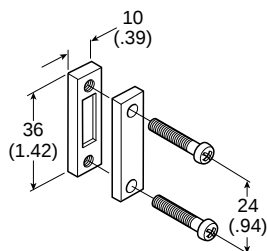
(O-ring not shown)

P31KA00MT



(O-ring not shown)

P31KA00CB



(O-ring not shown)

1/8 NPT	P31KA91CP	1/8 BSPT	P31KA21CP
1/4 NPT	P31KA92CP	1/4 BSPT	P31KA22CP
3/8 NPT	P31KA93CP	3/8 BSPT	P31KA23CP
1/8 BSPP	P31KA11CP		
1/4 BSPP	P31KA12CP		
3/8 BSPP	P31KA13CP		



(O-ring not shown)

1/8 NPT	P31KA91CN	1/8 BSPT	P31KA21CN
1/4 NPT	P31KA92CN	1/4 BSPT	P31KA22CN
3/8 NPT	P31KA93CN	3/8 BSPT	P31KA23CN
1/8 BSPP	P31KA11CN		
1/4 BSPP	P31KA12CN		
3/8 BSPP	P31KA13CN		



(Fits to regulator and filter/regulator body)

P31KA00MR

