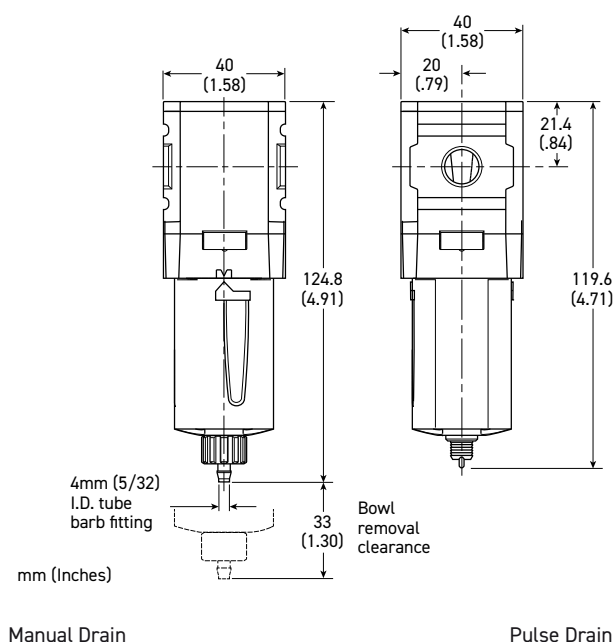
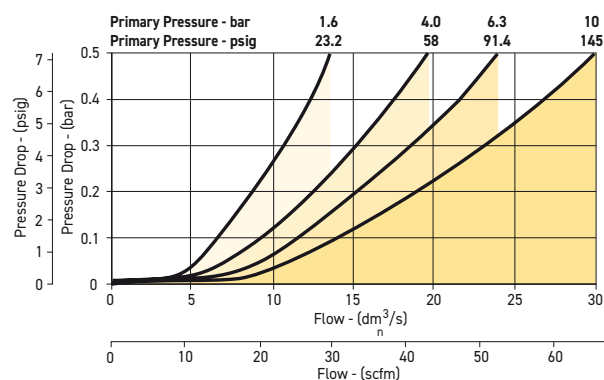


Material Specifications	
Body	Aluminum
Body cap	ABS
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Bowl guard	Nylon
Element retainer	Acetal
Baffle	Acetal
Filter element	Sintered polyethylene
Seals	Nitrile

Repair and Service Kits	
Plastic bowl / bowl guard, manual drain	P31KB00BGM
Metal bowl / w/o sight gauge, manual drain	P31KB00BMM
Plastic bowl / bowl guard, pulse drain	P31KB00BGB
Metal bowl / w/o sight gauge, pulse drain	P31KB00BMB
5 μ particle filter element	P31KA00ESE
C-bracket (fits to body)	P31KA00MW
T-bracket with body connector	P31KA00MT
Body connector	P31KA00CB

Flow Charts

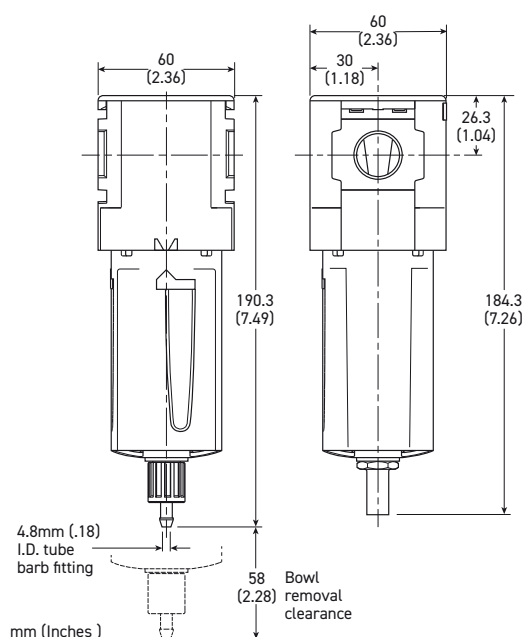
P31FB 1/4" Filter



Most Popular

Material Specifications	
Body	Aluminum
Body cap	ABS
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Bowl guard	Nylon
Deflector	Polypropylene
Element retainer / Baffle	Acetal
Filter element	Sintered polyethylene
Seals	Nitrile
Sight gauge	Nylon

Repair and Service Kits	
Plastic bowl / bowl guard, manual drain	P32KB00BGM
Metal bowl / sight gauge, manual drain	P32KB00BSM
Auto drain	P32KA00DA
5 μ particle filter element	P32KA00ESE
L-bracket (fits to body)	P32KA00ML
T-bracket (fits to body connector)	P32KA00MB
T-bracket with body connector	P32KA00MT
Body connector	P32KA00CB

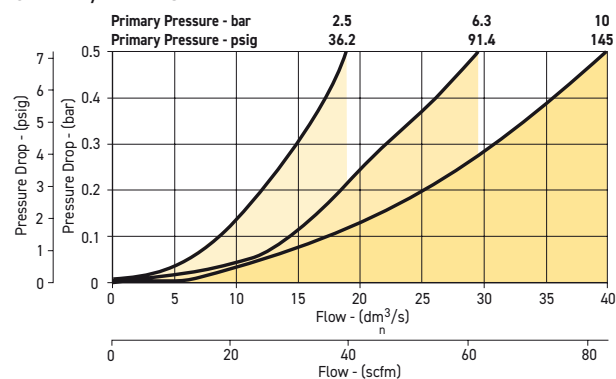


Manual Drain

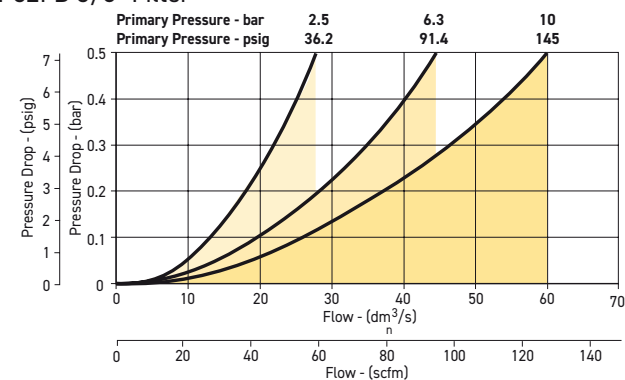
Automatic Drain

Flow Charts

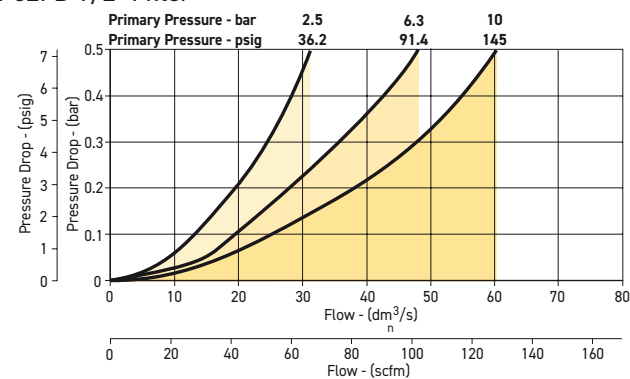
P32FB 1/4" Filter



P32FB 3/8" Filter



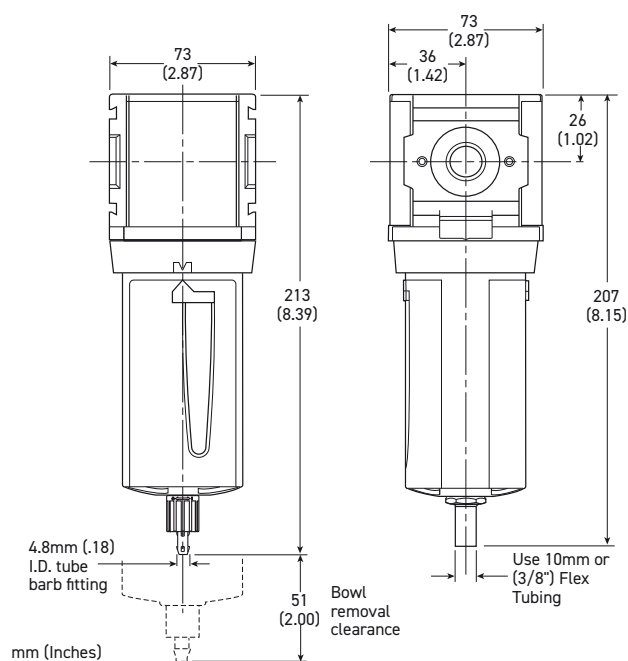
P32FB 1/2" Filter



Most Popular

Material Specifications	
Body	Aluminum
Body cap	ABS
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Bowl guard	Nylon
Deflector	Polypropylene
Element retainer / Baffle	Acetal
Filter element	Sintered polyethylene
Seals	Nitrile
Sight gauge	Nylon

Repair and Service Kits	
Plastic bowl / bowl guard, manual drain	P33KA00BGM
Metal bowl / sight gauge, manual drain	P33KA00BSM
Auto drain	P32KA00DA
5 μ particle filter element	P33KA00ESE
L-bracket (fits to body)	P33KA00ML
T-bracket (fits to body connector)	P32KA00MB
T-bracket with body connector	P32KA00MT
Body connector	P32KA00CB

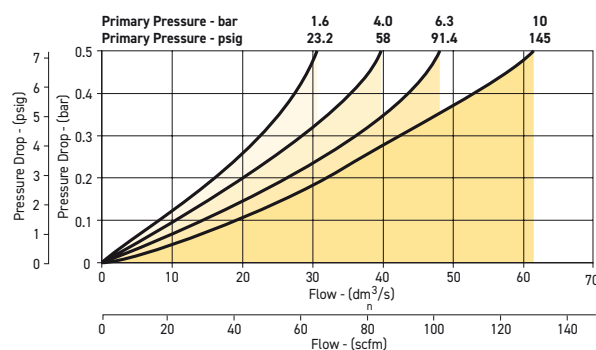


Manual Drain

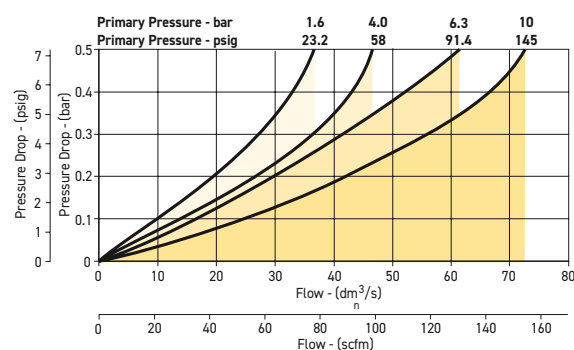
Automatic Drain

Flow Charts

P33FA 1/2" Filter



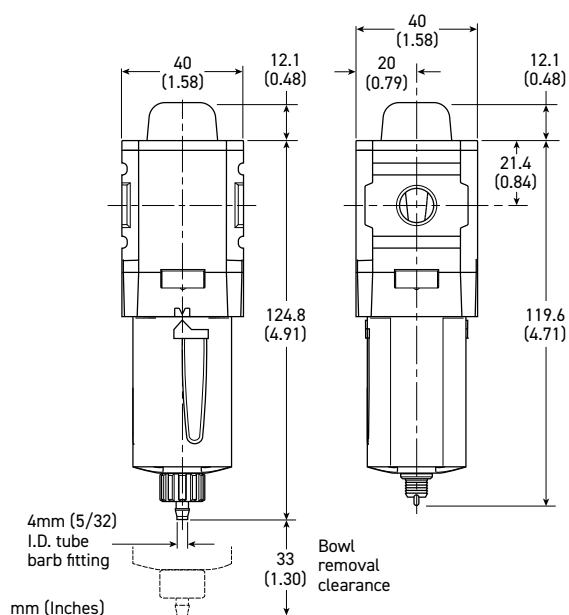
P33FA 3/4" Filter



Most Popular

Material Specifications	
Body	Aluminum
Body cap	ABS
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Filter element	Borosilicate cloth
Adsorber element	Activated carbon
Seals	Nitrile

Repair and Service Kits	
Plastic bowl / bowl guard, manual drain	P31KB00BGM
Metal bowl / w/o sight gauge, manual drain	P31KB00BMM
Plastic bowl / bowl guard, pulse drain	P31KB00BGB
Metal bowl / w/o sight gauge, pulse drain	P31KB00BMB
1 μ coalescing filter element	P31KA00ES9
0.01 μ coalescing filter element	P31KA00ESC
Activated carbon adsorber filter element	P31KA00ESA
C-bracket (fits to body)	P31KA00MW
T-bracket with body connector	P31KA00MT
Body connector	P31KA00CB
Differential pressure indicator (replacement)	P31KB00RQ

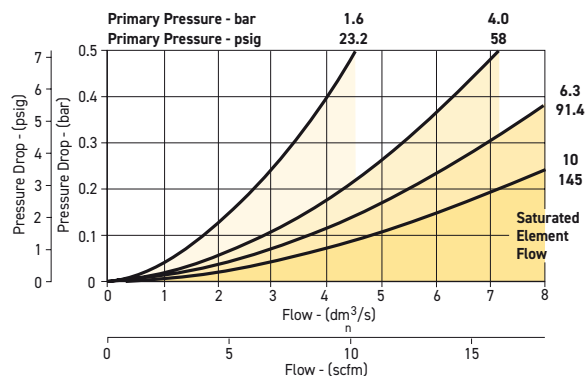


Manual Drain

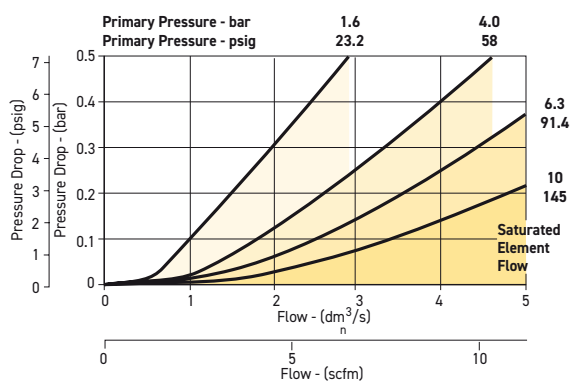
Pulse Drain

Flow Charts

P31FB - 1.0 micron flow



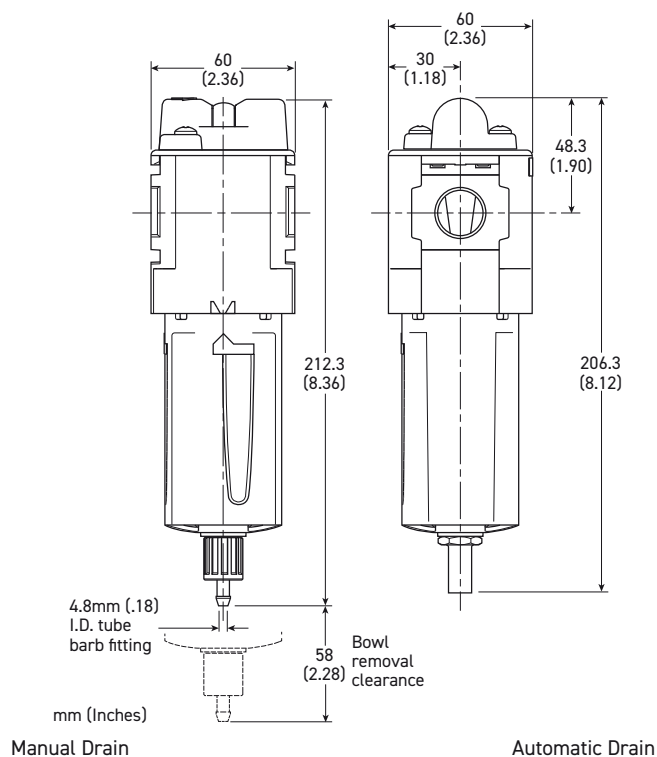
P31FB - 0.01 micron flow



Most Popular

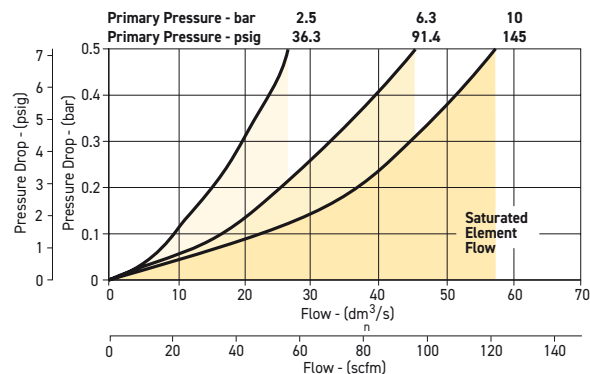
Material Specifications	
Body	Aluminum
Body cap	ABS
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Filter element	Borosilicate cloth
Adsorber	Activated carbon
Seals	Nitrile
Sight gauge	Nylon

Repair and Service Kits	
Plastic bowl / bowl guard, manual drain	P32KB00BGM
Metal bowl / sight gauge, manual drain	P32KB00BSM
Auto drain	P32KA00DA
1 μ coalescing filter element	P32KA00ES9
0.01 μ coalescing filter element	P32KA00ESC
Activated carbon adsorber filter element	P32KA00ESA
L-bracket (fits to body)	P32KA00ML
T-bracket (fits to body connector)	P32KA00MB
T-bracket with body connector	P32KA00MT
Body connector	P32KA00CB
Differential pressure indicator (replacement)	P32KA00RQ

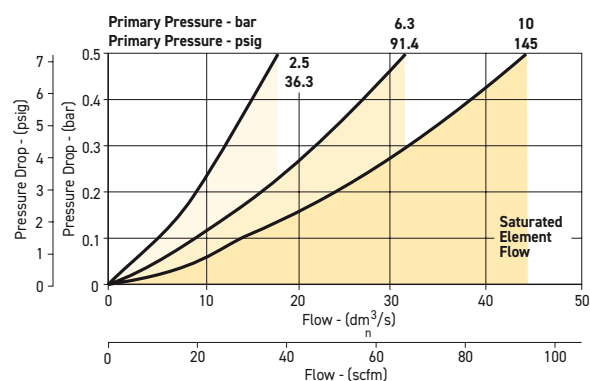


Flow Charts

P32FB - 1.0 micron flow



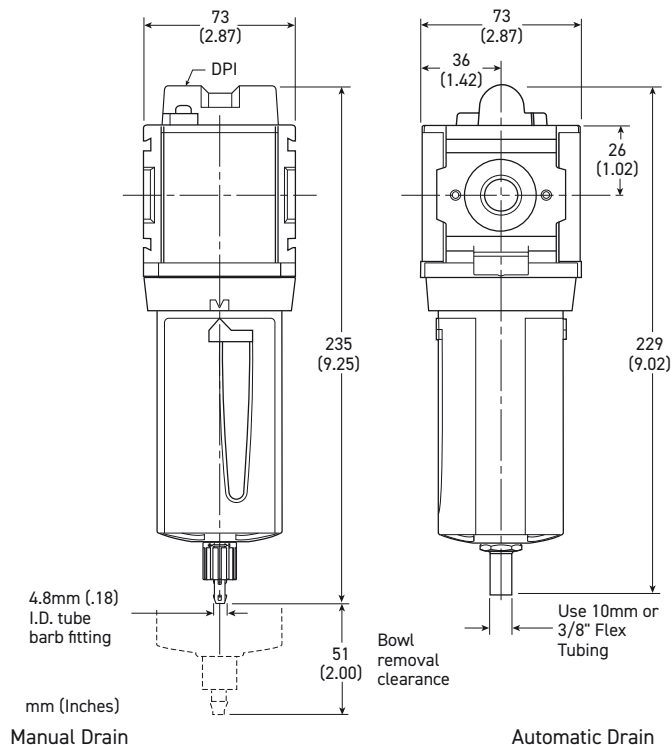
P32FB - 0.01 micron flow



Most Popular

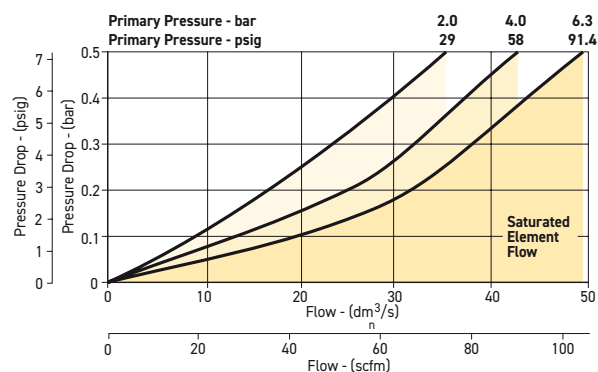
Material Specifications	
Body	Aluminum
Body cap	ABS
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Filter element	Borosilicate cloth
Adsorber	Activated carbon
Seals	Nitrile
Sight gauge	Nylon

Repair and Service Kits	
Plastic bowl / bowl guard, manual drain	P33KA00BGM
Metal bowl / sight gauge, manual drain	P33KA00BSM
Auto drain	P32KA00DA
1 μ coalescing filter element	P33KA00ES9
0.01 μ coalescing filter element	P33KA00ESC
Activated carbon adsorber filter element	P33KA00ESA
L-bracket (fits to body)	P33KA00ML
T-bracket (fits to body connector)	P32KA00MB
T-bracket with body connector	P32KA00MT
Body connector	P32KA00CB
Differential pressure indicator (replacement)	P32KA00RQ

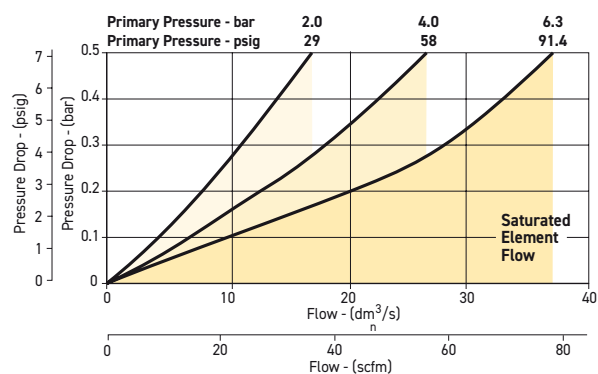


Flow Charts

P33FA - 1.0 micron flow



P33FA - 0.01 micron flow



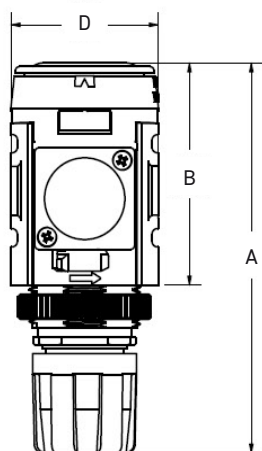
Most Popular

Material Specifications	
Body	Aluminum
Adjustment knob	Acetal
Bonnet	PBT
Diaphragm assembly	Stainless Steel / Nitrile
Valve assembly	Acetal / Nitrile
Springs	Steel
Seals	Nitrile
Panel nut	Acetal

Repair and Service Kits	
Panel mount nut - aluminum	P31KA00MM
Panel mount nut - plastic	P31KA00MP
Angle bracket (attaches via panel nut)	P31KB00MR
C-bracket (fits to body)	P31KA00MW
T-bracket with body connector	P31KA00MT
Body connector	P31KA00CB

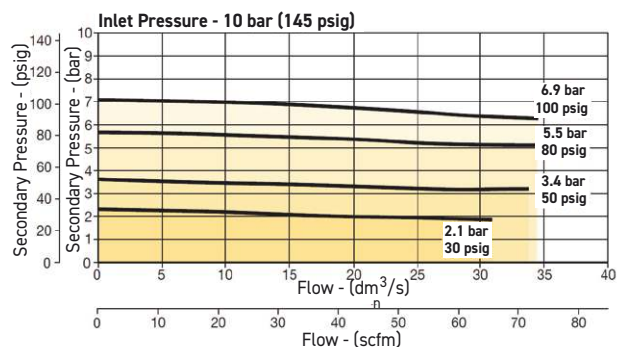
Dimensions Inches (mm)

	NPT air ports M2.5 gauge air port	BSP air ports 1/8 gauge air port
A	4.10 (104,10)	
B	2.33 (59,30)	2.24 (56,80)
C	1.34 (34,10)	1.20 (30,60)
D	1.58 (40)	
E	0.83 (21,30)	0.79 (20)
F	1.67 (42,50)	1.58 (40)
G	2.27 (57,70)	2.41 (61,30)



Flow Charts

P31RB 1/4" Regulator

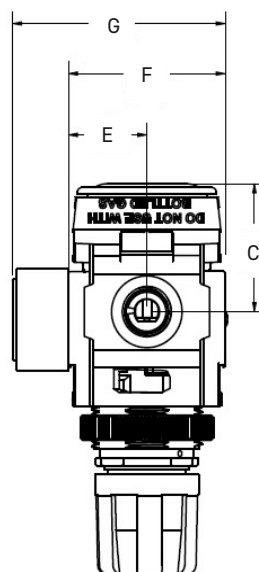


WARNING

Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.

CAUTION:

REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.



NOTE: 1.20 in. (30mm) hole required for panel nut mounting.

Square gauge supplied with every part. Gauge can be installed on the front or back of the regulator. If no gauge is installed, both seal screws must be installed.

Most Popular

Material Specifications

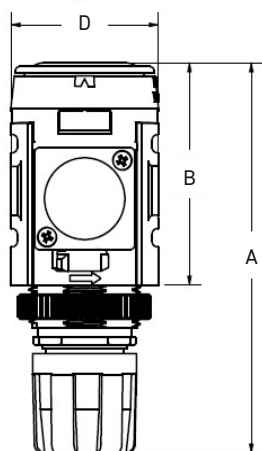
Body	Aluminum
Adjustment knob	Acetal
Bonnet	Glass-filled PBT
Diaphragm assembly	Stainless Steel / Nitrile
Valve assembly	Acetal / Nitrile

Repair and Service Kits

Panel mount nut - aluminum	P31KA00MM
Panel mount nut - plastic	P31KA00MP
Angle bracket (attaches via panel nut)	P31KB00MR
T-bracket with body connector	P31KA00MT
Body connector	P31KA00CB

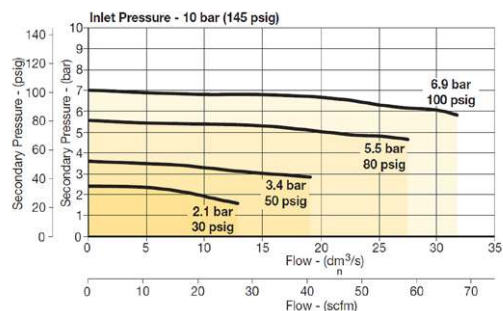
Dimensions Inches (mm)

	NPT air ports M2.5 gauge air port	BSP air ports 1/8 gauge air port
A	4.10 (104,10)	
B	2.33 (59,30)	2.24 (56,80)
C	1.34 (34,10)	1.20 (30,60)
D	1.58 (40)	
E	0.83 (21,30)	0.79 (20)
F	1.67 (42,50)	1.58 (40)
G	2.27 (57,70)	2.41 (61,30)



Flow Charts

P31HB 1/4" Common Regulator

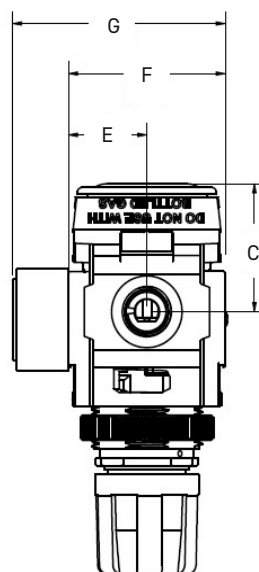


WARNING

**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

CAUTION:

REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.



NOTE: 1.20 in. (30mm) hole required for panel nut mounting.

Square gauge supplied with every part. Gauge can be installed on the front or back of the regulator. If no gauge is installed, both seal screws must be installed.

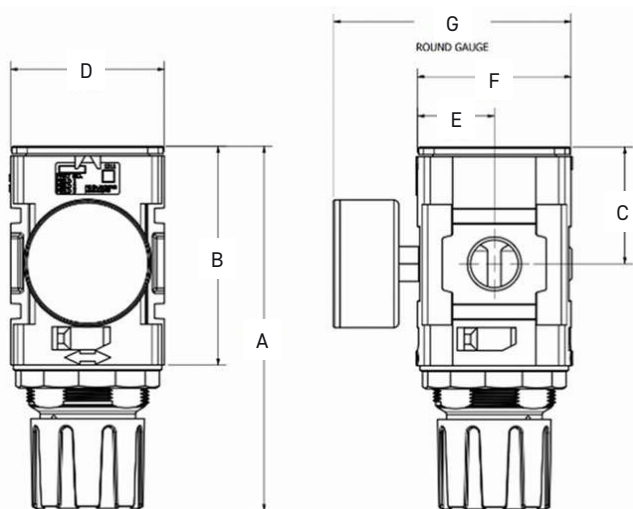
Most Popular

Material Specifications	
Body	Aluminum
Adjustment knob	Acetal
Bonnet	Glass-filled nylon
Diaphragm assembly	Nitrile / Zinc
Valve assembly	Brass / Nitrile
Springs	Steel, stainless steel
Seals	Nitrile
Panel nut	Acetal

Repair and Service Kits	
Panel mount nut - aluminum	P32KA00MM
Panel mount nut - plastic	P32KA00MP
Angle bracket (attaches via panel nut)	P32KB00MR
T-bracket with body connector	P32KA00MT
T-bracket	P32KA00MB
Body connector	P32KA00CB

Dimensions Inches (mm)

	NPT air ports	BSP air ports
A	5.63 (143)	5.36 (136,10)
B	3.38 (86)	2.91 (73,80)
C	1.81 (46)	1.52 (38,5)
D	2.36 (60)	
E	1.18 (30)	
F	2.36 (60)	
G	3.66 (93)	

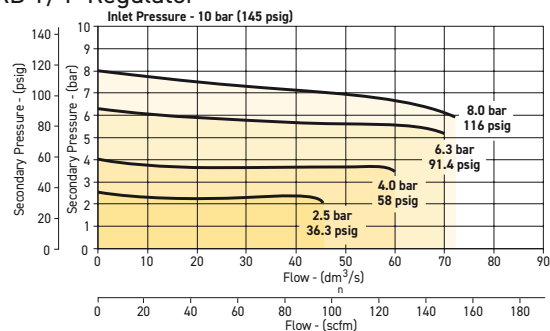


NOTE: 1.90 in. (48mm) hole required for panel nut mounting.

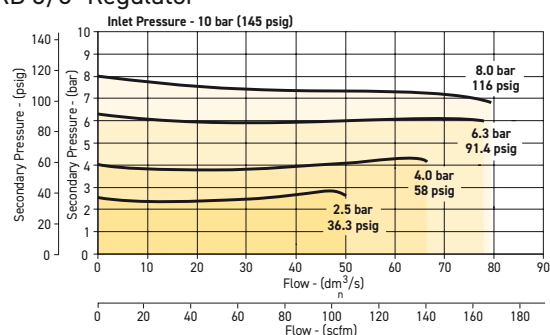
Most Popular

Flow Charts

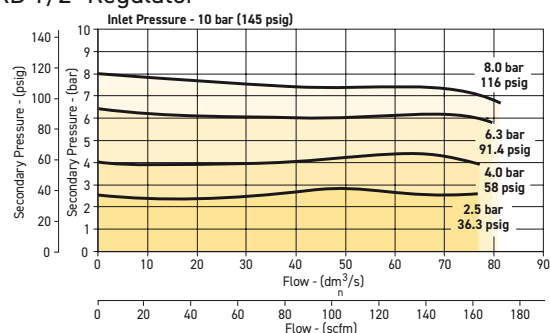
P32RB 1/4" Regulator



P32RB 3/8" Regulator



P32RB 1/2" Regulator



Gauges		
50mm (2") round 1/4" center back mount	0-60 psig / 0-4 bar	P6G-ERB2040
	0-160 psig / 0-10 bar	P6G-ERB2110
	0-300 psig / 0-20 bar	P6G-ERB2200

For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

⚠ WARNING

**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

CAUTION:

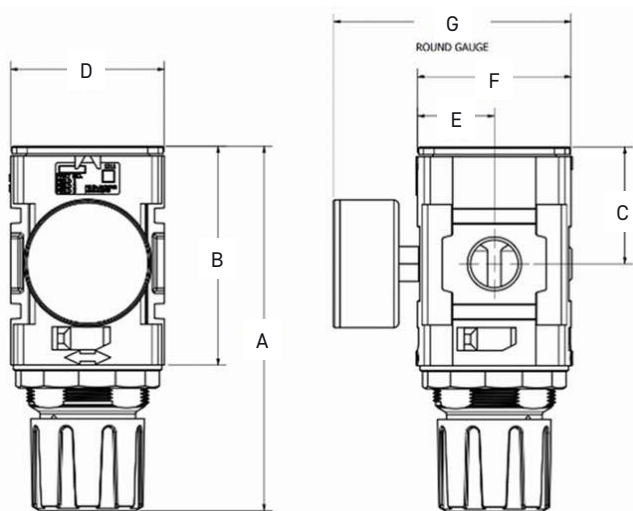
REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

Material Specifications	
Body	Aluminum
Adjustment knob	Acetal
Bonnet	Glass-filled nylon
Diaphragm assembly	Nitrile / zinc
Valve assembly	Brass / nitrile
Springs	Steel, stainless steel
Seals	Nitrile
Panel nut	Acetal

Repair and Service Kits	
Panel mount nut - aluminum	P32KA00MM
Panel mount nut - plastic	P32KA00MP
Angle bracket (attaches via panel nut)	P32KB00MR
T-bracket with body connector	P32KA00MT
T-bracket	P32KA00MB
Body connector	P32KA00CB

Dimensions Inches (mm)

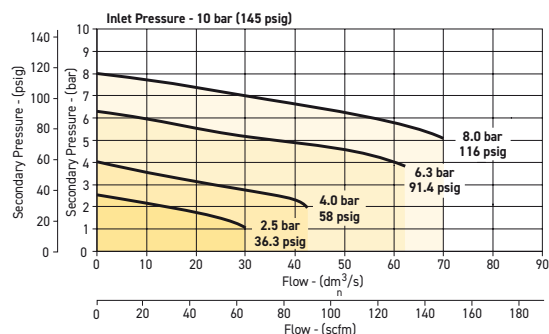
	NPT air ports	BSP air ports
A	5.63 (143)	5.36 (136,10)
B	3.38 (86)	2.91 (73,80)
C	1.81 (46)	1.52 (38,5)
D	2.36 (60)	
E	1.18 (30)	
F	2.36 (60)	
G	3.66 (93)	



NOTE: 1.90 in. (48mm) hole required for panel nut mounting.

Flow Charts

P32HB Common Port Regulator



WARNING

**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

CAUTION:

REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

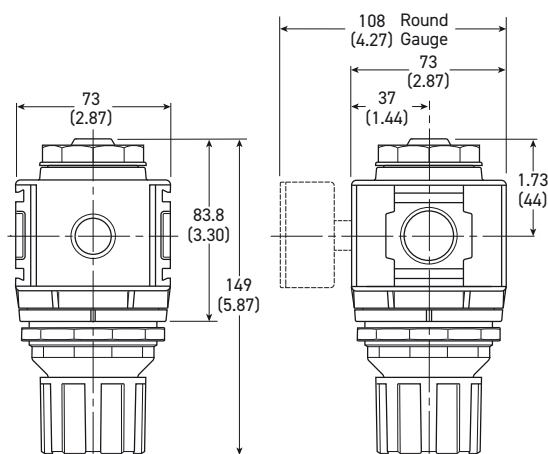
Gauges		
50mm (2") round 1/4" center back mount	0-60 psig / 0-4 bar	P6G-ERB2040
	0-160 psig / 0-10 bar	P6G-ERB2110
	0-300 psig / 0-20 bar	P6G-ERB2200

For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

Most Popular

Material Specifications	
Body	Aluminum
Adjustment knob	Acetal
Body cap	ABS
Bonnet	Glass-filled nylon
Diaphragm assembly	Nitrile / zinc
Valve assembly	Brass / nitrile
Springs	Steel, stainless steel
Seals	Nitrile
Panel nut	Acetal

Repair and Service Kits	
Panel mount nut - aluminum	P33KA00MM
Panel mount nut - plastic	P33KA00MP
Angle bracket (attaches via panel nut)	P33KA00MR
T-bracket with body connector	P32KA00MT
T-bracket	P32KA00MB
Body connector	P32KA00CB

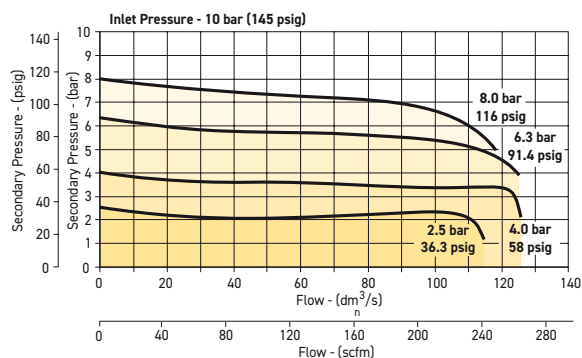


mm (Inches)

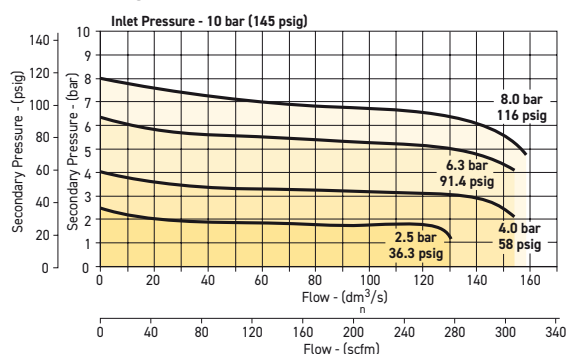
NOTE: 2.40 in. (61mm) hole required for panel nut mounting.

Flow Charts

P33RA 1/2" Regulator



P33RA 3/4" Regulator



WARNING

**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

CAUTION:

REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

Gauges		
50mm (2") round 1/4" center back mount	0-60 psig / 0-4 bar	P6G-ERB2040
	0-160 psig / 0-10 bar	P6G-ERB2110
	0-300 psig / 0-20 bar	P6G-ERB2200

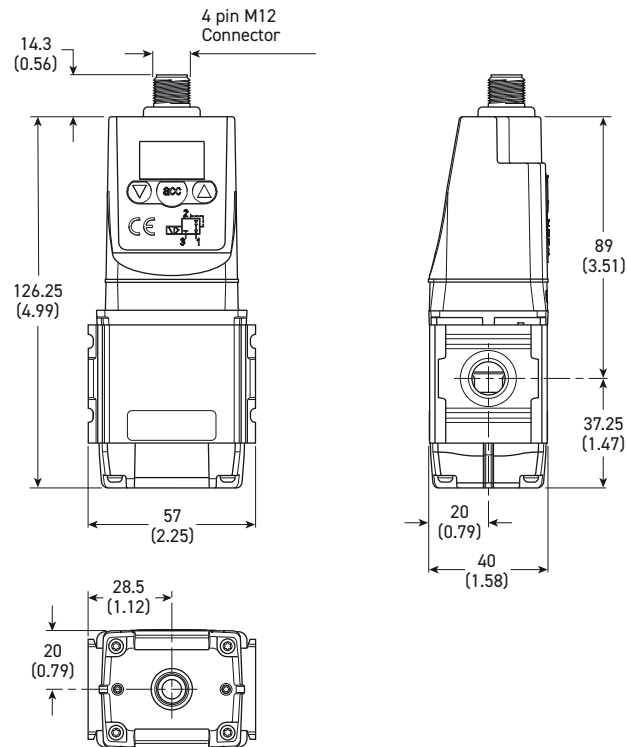
For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

Most Popular

Dimensional Data

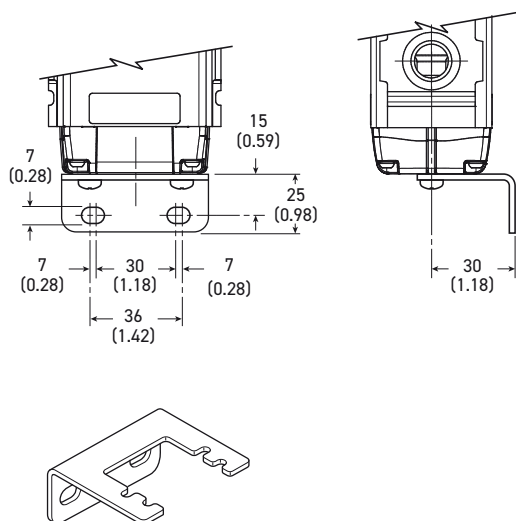
P31P

Dimensions inches (mm)



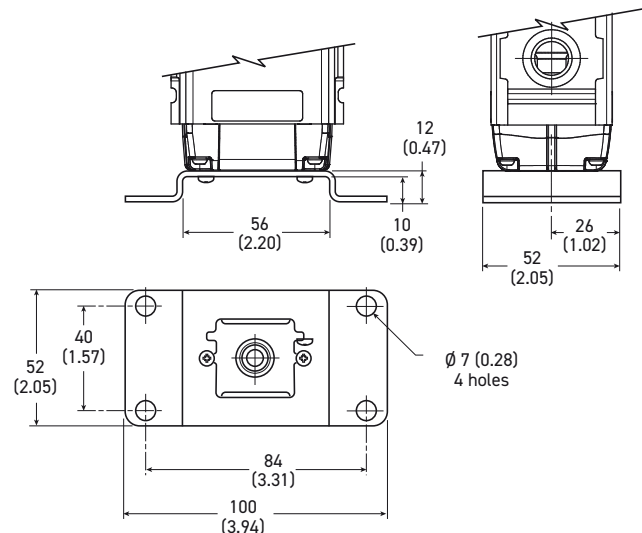
L-Bracket

P3HKA00ML



Foot Bracket

P3HKA00MC



Cables

Description	Part Number
2 mtr. cable with moulded straight M12x1 connector	CB-M12-4P-2M

Most Popular

Material Specifications	
Body	Aluminum
Adjustment knob	Acetal
Body cap	ABS
Bonnet	Glass-filled nylon
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Bowl guard	Nylon
Filter element	Polyethylene
Seals	Nitrile
Springs	Steel
Valve assembly	Acetal/ Nitrile
Diaphragm assembly	Stainless Steel / Nitrile
Panel nut	Acetal



WARNING

**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

CAUTION:

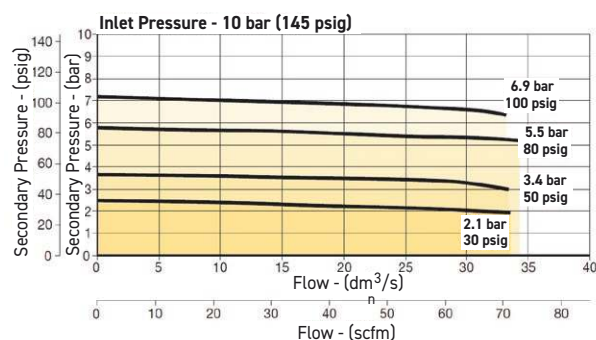
REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

Dimensions Inches (mm)

	NPT air ports M2.5 gauge air port	BSP air ports 1/8 gauge air port
A	6.57 (167)	6.96 (176,90)
B	6.57 (167)	6.77 (172)
C	2.75 (70)	2.89 (73,50)
D	1.58 (40)	
E	0.83 (21,30)	0.79 (20)
F	1.67 (42,50)	1.58 (40)
G	2.27 (57,70)	2.41 (61,30)

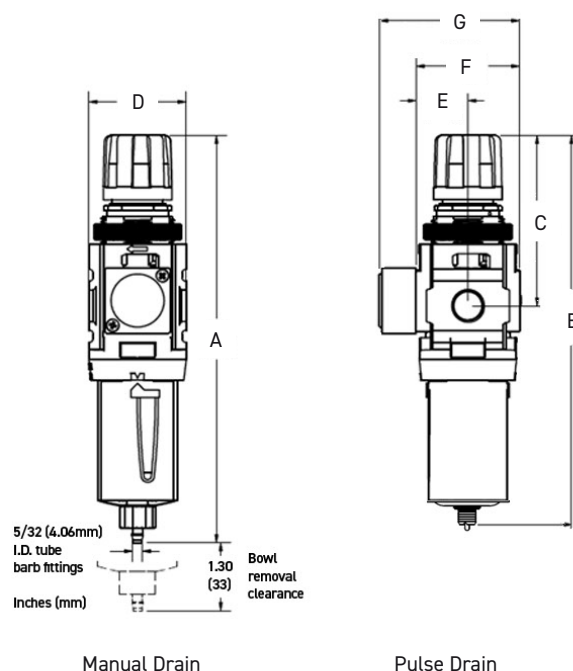
Flow Charts

P31EB 1/4" Filter / Regulator



Repair and Service Kits

Plastic bowl / bowl guard manual drain	P31KB00BGM
Plastic bowl / bowl guard pulse drain	P31KB00BGB
Metal bowl / w/o sight gauge pulse drain	P31KB00BMB
5μ particle filter element	P31KA00ESE
Panel mount nut - aluminum	P31KA00MM
Panel mount nut - plastic	P31KA00MP
Angle bracket (attaches via panel nut)	P31KB00MR
C-bracket (fits to body)	P31KA00MW
T-bracket with body connector	P31KA00MT
Body connector	P31KA00CB



Square gauge supplied with every part. Gauge can be installed on the front or back of the regulator. If no gauge is installed, both seal screws must be installed.

Most Popular

Material Specifications	
Body	Aluminum
Adjustment knob	Acetal
Element retainer / baffle	Acetal
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Bowl guard	Nylon
Filter element	Sintered polyethylene
Seals	Nitrile
Springs	Steel, stainless steel
Valve assembly	Brass / nitrile
Diaphragm assembly Nitrile / zinc	Nitrile / zinc
Panel nut	Acetal
Sight gauge	Nylon

Repair and Service Kits	
Plastic bowl / bowl guard manual drain	P32KB00BGM
Metal bowl / sight gauge manual drain	P32KB00BSM
Auto drain	P32KA00DA
5µ particle filter element	P32KA00ESE
Panel mount nut - aluminum	P32KA00MM
Panel mount nut - plastic	P32KA00MP
Angle bracket (fits to panel mount threads)	P32KB00MR
T-bracket (fits to body connector)	P32KA00MB
T-bracket with body connector	P32KA00MT
Body connector	P32KA00CB



WARNING

**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

CAUTION:

REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

Dimensions Inches (mm)

	NPT air ports	BSP air ports
A	10.30 (261,60)	
B	10.10 (255,60)	
C	3.84 (97,60)	
D	2.36 (60)	
E	1.18 (30)	
F	2.36 (60)	
G	3.66 (93)	

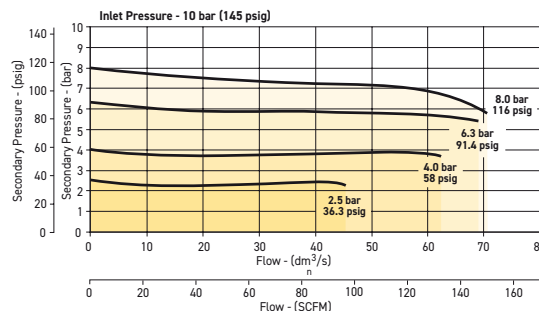
Gauges		
50mm (2") round 1/4" center back mount	0-60 psig / 0-4 bar	P6G-ERB2040
	0-160 psig / 0-10 bar	P6G-ERB2110
	0-300 psig / 0-20 bar	P6G-ERB2200

For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

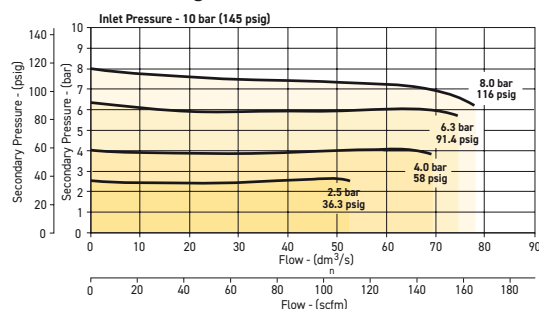
Most Popular

Flow Charts

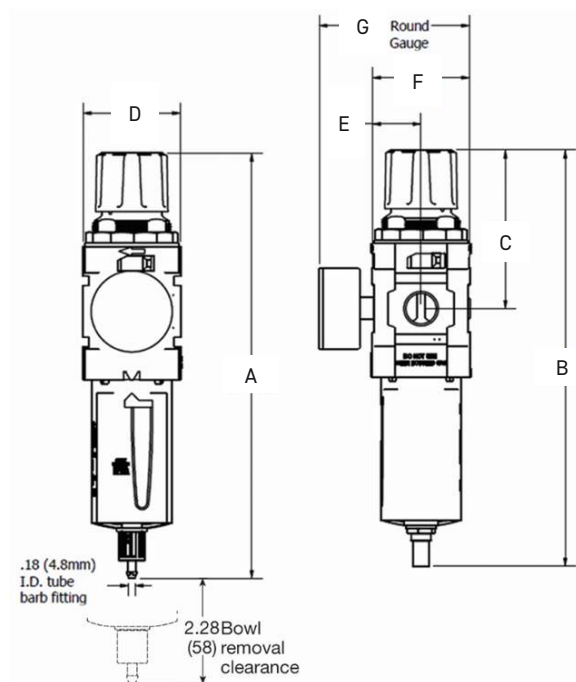
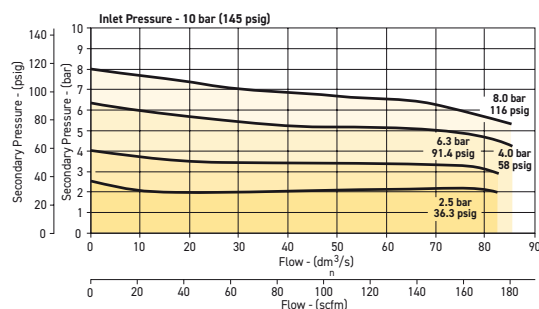
P32EB 1/4" Filter / Regulator



P32EB3/8" Filter/Regulator



P32EB 1/2" Filter/Regulator

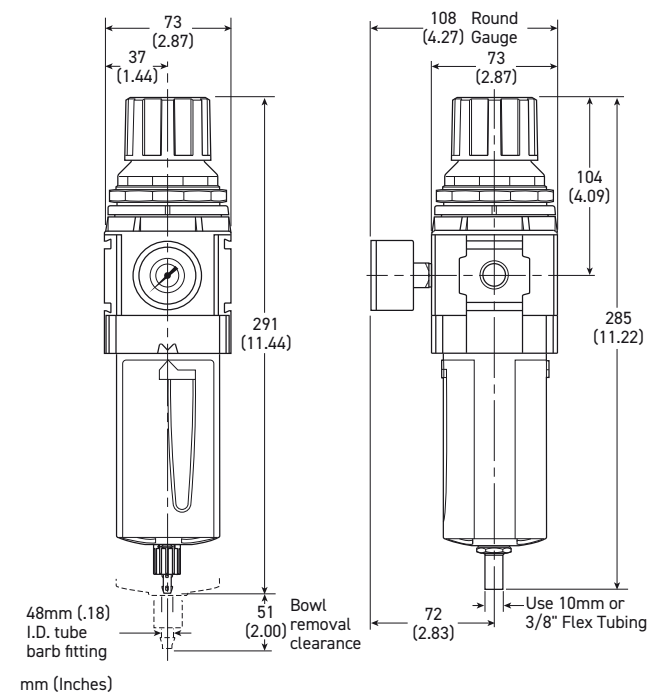


Manual Drain

Automatic Drain

Material Specifications	
Body	Aluminum
Adjustment knob	Acetal
Body cap	ABS
Element retainer / baffle	Acetal
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Filter element	Sintered Polyethylene
Seals	Nitrile
Springs	Steel, stainless steel
Valve assembly	Brass / nitrile
Diaphragm assembly	Nitrile / zinc
Panel nut	Acetal
Sight gauge	Nylon

Repair and Service Kits	
Plastic bowl / bowl guard, manual drain	P33KA00BGM
Metal bowl / sight gauge, manual drain	P33KA00BSM
Auto drain	P32KA00DA
5μ particle filter element	P33KA00ESE
Panel mount nut - Aluminum	P33KA00MM
Panel mount nut - Plastic	P33KA00MP
Angle bracket (fits to panel mount threads)	P33KA00MR
T-bracket (fits to body connector)	P32KA00MB
T-bracket with body connector	P32KA00MT
Body connector	P32KA00CB



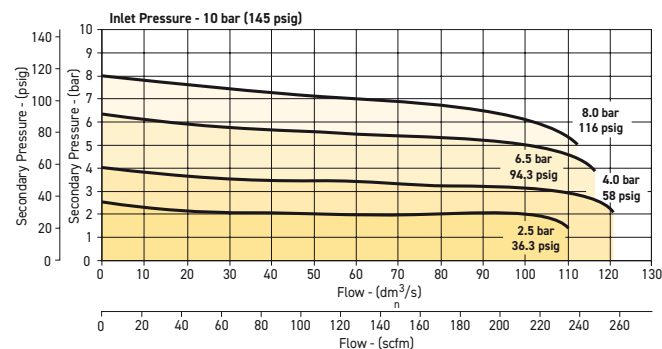
Manual Drain

Automatic Drain

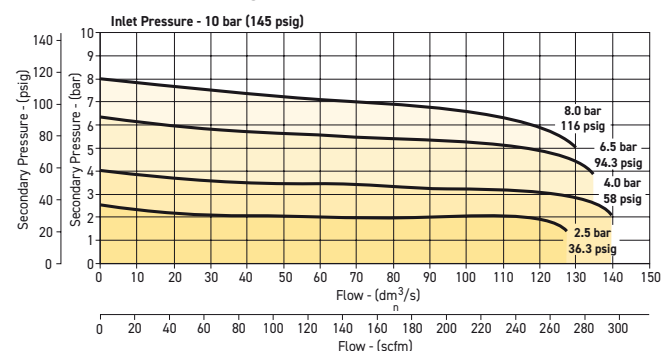
Most Popular

Flow Charts

P33EA 1/2" Filter / Regulator



P33EA 3/4" Filter/Regulator



WARNING

Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.

CAUTION:

REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting devices may be obtained only by special design. For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

Gauges		
50mm (2") round 1/4" center back mount	0-60 psig / 0-4 bar	P6G-ERB2040
	0-160 psig / 0-10 bar	P6G-ERB2110
	0-300 psig / 0-20 bar	P6G-ERB2200

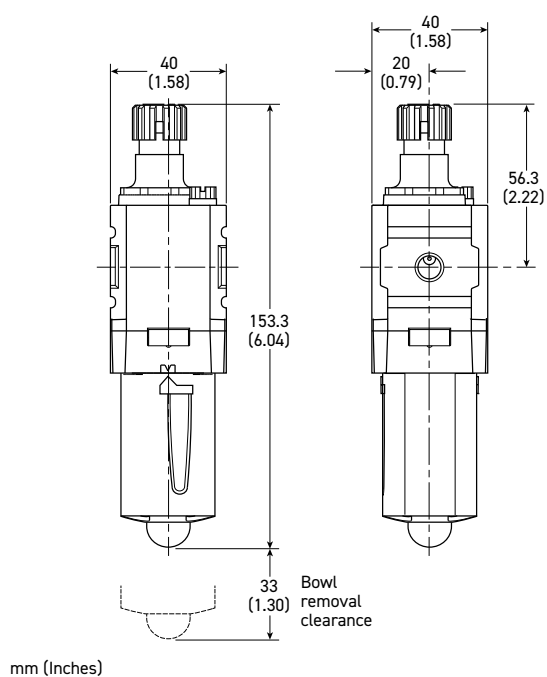
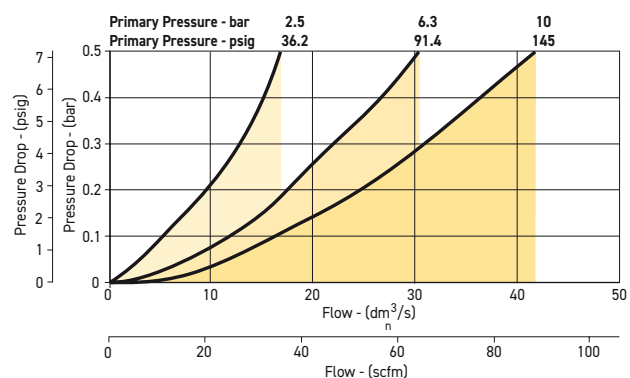
For best performance, regulated pressure should always be set by increasing the pressure up to the desired setting.

Material Specifications	
Body	Aluminum
Body cap	ABS
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Seals	Nitrile
Sight dome	Polycarbonate
Suggested lubricant	ISO / ASTM VG32
Pick-up filter	Sintered bronze

Repair and Service Kits	
Plastic bowl / bowl guard no drain	P31KB00BGN
Metal bowl / w/o sight gauge no drain	P31KB00BMN
Drip control assembly	P32KA00PG
Fill plug	P31KA00PL
C-bracket (fits to body)	P31KA00MW
T-bracket with body connector	P31KA00MT
Body connector	P31KA00CB
Lubricator oil - VG32 - 1 litre	P3YKA00PPBB

Flow Charts

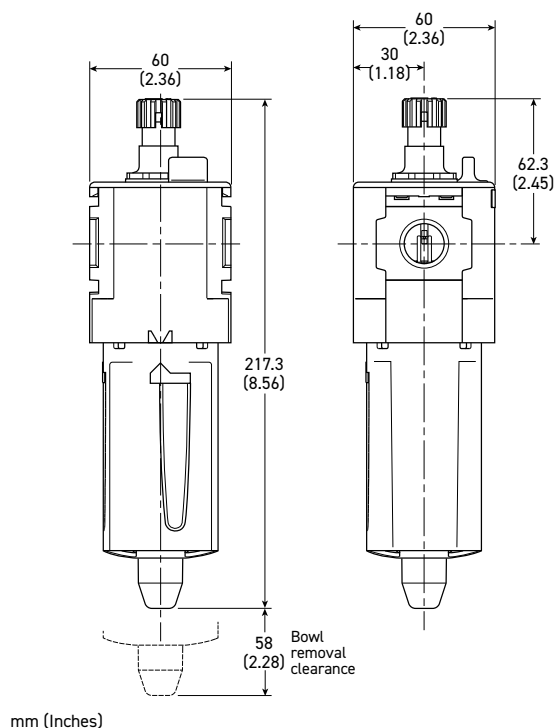
P31LB 1/4" Lubricator



Most Popular

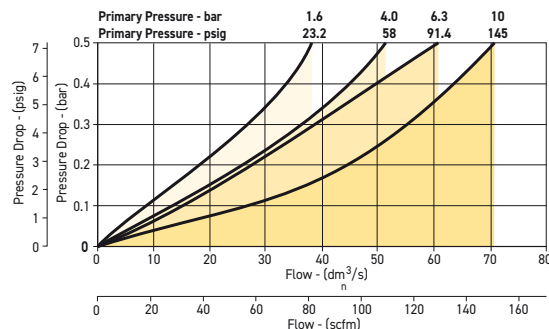
Material Specifications	
Body	Aluminum
Body cap	ABS
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Seals	Nitrile
Sight dome	Polycarbonate
Sight gauge	Nylon
Suggested lubricant	ISO / ASTM VG32
Pick-up filter	Sintered bronze

Repair and Service Kits	
Plastic bowl / bowl guard no drain	P32KB00BGN
Metal bowl / w/o sight gauge no drain	P32KB00BMN
Metal bowl / Sight gauge no drain	P32KB00BSN
Drip control assembly	P32KA00PG
Fill plug	P32KA00PL
L-bracket (fits to body)	P32KA00ML
T-bracket (fits to body connector)	P32KA00MB
T-bracket with body connector	P32KA00MT
Body connector	P32KA00CB
Lubricator oil - VG32 - 1 litre	P3YKA00PPBB

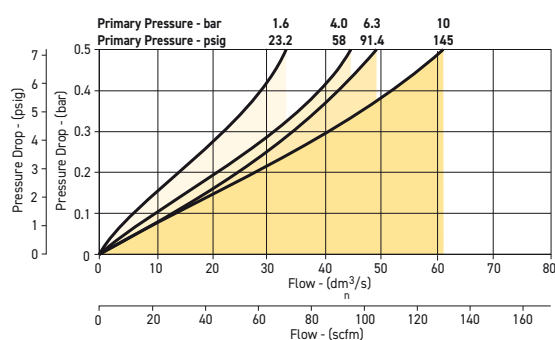


Flow Charts

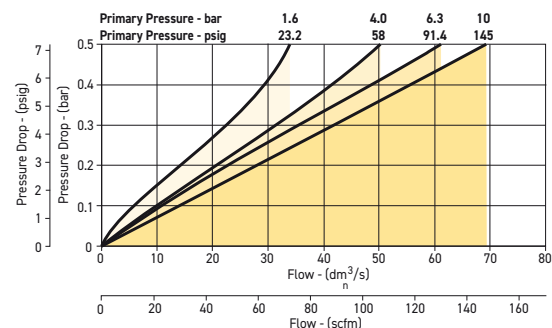
P32LB 1/4" Lubricator



P32LB 3/8" Lubricator



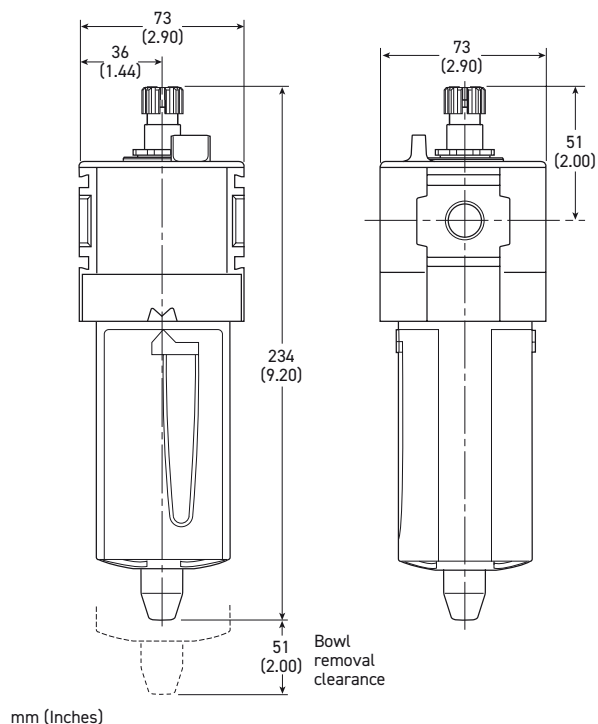
P32LB 1/2" Lubricator



Most Popular

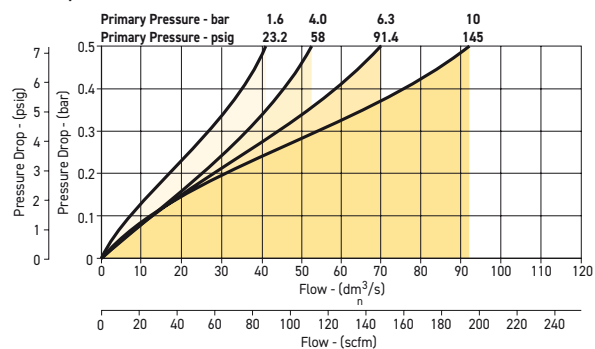
Material Specifications	
Body	Aluminum
Body cap	ABS
Plastic bowl	Polycarbonate
Metal bowl	Aluminum
Seals	Nitrile
Sight dome	Polycarbonate
Sight gauge	Nylon
Suggested lubricant	ISO / ASTM VG32
Pick-up filter	Sintered bronze

Repair and Service Kits	
Plastic bowl / bowl guard no drain	P33KA00BGN
Metal bowl / w/o sight gauge no drain	P33KA00BMN
Metal bowl / sight gauge no drain	P33KA00BSN
Drip control assembly	P32KA00PG
Fill plug	P32KA00PL
L-bracket (fits to body)	P33KA00ML
T-bracket (fits to body connector)	P32KA00MB
T-bracket with body connector	P32KA00MT
Body connector	P32KA00CB
Lubricator oil - VG32 - 1 litre	P3YKA00PPBB

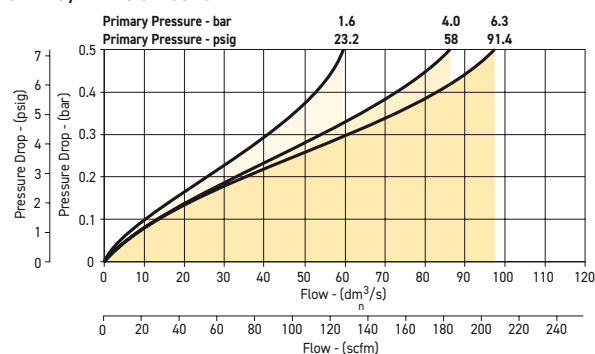


Flow Charts

P33LA 1/2" Lubricator



P33LA 3/4" Lubricator



Most Popular

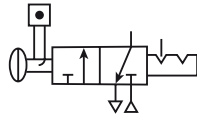
P31, P32, P33 SERIES

Accessories - Ball Valves

The Ball / Lockout Valve shuts off downstream line pressure in the closed position with a 90° turn of the handle. In the closed position, inlet air pressure is blocked and downstream / system air is exhausted through a threaded port. To prevent unauthorized adjustment, the padlock slide may be assembled on either side. It is recommended that this slide is installed after final system assembly.

The Safety Lockout valves conform to OSHA #29 CFR part 1910 – control of hazardous energy source (lockout / tagout).

Note: This padlock slide is a permanent assembly and may not be removed later, any unauthorized tampering will void any warranty claims. The valve can only be locked in the closed position.



Operating Information:

Model Type	Port Size	Exhaust Port	Flow scfm (dm³/s, ANR)	Modular Ball Valve Flow from Left to Right
P31	1/4"	1/4"	42.4 (20)	P31VB12LBNN
P32	3/8"	1/4"	190.7 (90)	P32VB13LBNN
	1/2"	1/4"	258.5 (122)	P32VB14LBNN
P33	1/2"	1/2"	561.5 (265)	P33VB14LBNN
	3/4"	1/2"	678 (320)	P33VB16LBNN

* Lockout tab and muffler supplied with unit.
For thread type: NPT 9



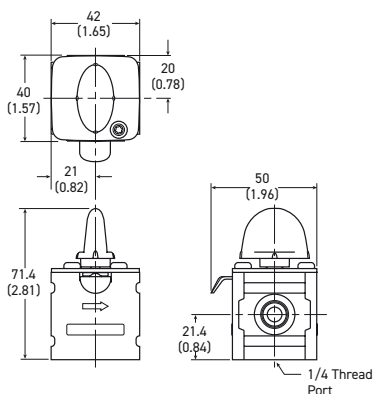
Operating Information

Operating temperature:	-40°C to 80°C (-40°F to 176°F)		
Pressure supply (max):	250 psig (17 bar)		
Port size:	BSPP / NPT		
	1/4, 3/8, 1/2, 3/4		
Weight:	P31	0.33 lbs (0.15 kg)	
	P32	0.79 lbs (0.36 kg)	
	P33	1.21 lbs (0.55 kg)	

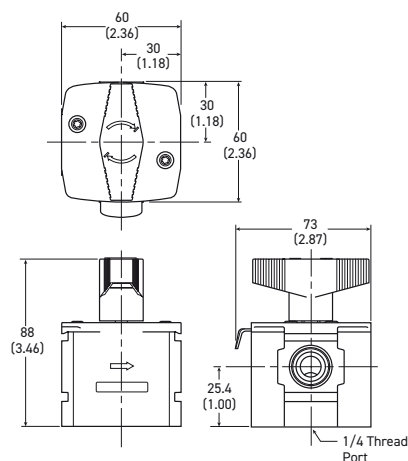
Material Specifications	
Body	Aluminum
Seals	PTFE
Ball	Stainless Steel
Lockout Tab	Zinc Plated Steel
Screw	Zinc Plated Steel

Dimensions mm (inches)

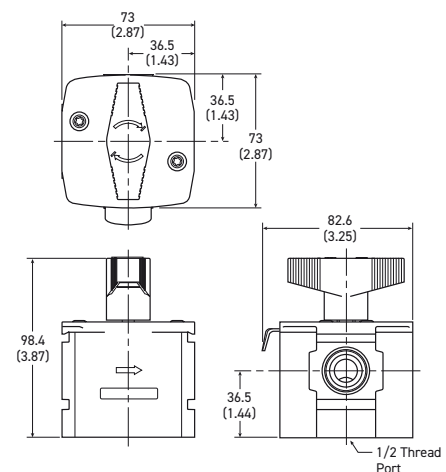
P31



P32



P33



Most Popular

P31, P32, P33 SERIES

Accessories - Manifolds



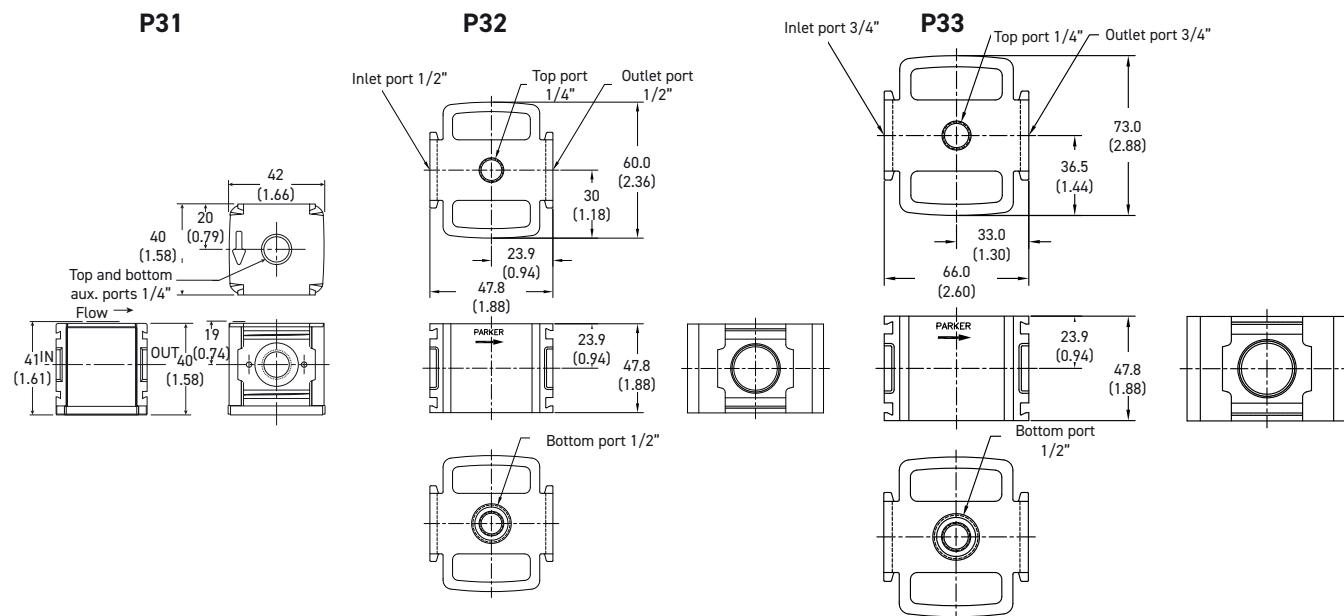
Manifold Blocks

Model Type	In / Out Port Size	Auxiliary Port Size Top	Auxiliary Port Size Bottom	Thread Type	Order Code
P31	1/4"	1/4"	1/4"	BSPP	P31MA12022N
P32	1/2"	1/4"	1/2"	BSPP	P32MA14024N
P33	3/4"	1/4"	1/2"	BSPP	P33MA16024N

For thread type: NPT 9

Most Popular

Manifold Block - Dimensions



Branch Blocks					
Body	1/2"	1/4"	1/4"	BSPP	P32MD14022N
Body	1/4"	1/4"	1/4"	BSPP	P32MD12022N
Materials of Construction					
Body					Aluminum
Specifications					
Max Operating Temperature					65.5°C (150°F)
Max Supply Pressure					20.7 bar (300 psi)
Weight					0.14 kg (0.31 lbs)
Flow Capacity					
1/4"					66 dm³/s (140 scfm)
1/2"					189 dm³/s (400 scfm)
3/4"					305 dm³/s (646 scfm)

Branch Block - Dimensions

