

Air Preparation Products Prep-Air® II Products

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Accessories

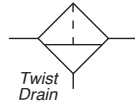
Mounting Bracket Kits	E51
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Economy Particulate Filters

05F Particulate Filters – Economy

- Excellent water removal efficiency
- Unique deflector plate and shroud creates a swirling of the air stream ensuring maximum water and dirt separation
- Large filter element surface guarantees low pressure drop and increased element life
- 40 micron filter element standard
- Shown with recommended metal bowl guard
- 1/4" & 3/8" ports (NPT)



Prep-Air® II
 Products



Filters

Coalescers

Regulators

Filter /
 Regulators

Lubricators

Combinations

Accessories

Operating information

Supply pressure (max):		
Plastic bowl		0 to 150 psig (0 to 10.3 bar)
Auto pulse drain		10 to 150 psig (0.7 to 10.3 bar)
Operating temperature:		
Plastic bowl		32°F to 125°F (0°C to 52°C)
Flow capacity†:		
High flow	1/4"	54 scfm (25.5 dm³/s, ANR)
	3/8"	70 scfm (33 dm³/s, ANR)
Bowl capacity:		2.0 oz.
Sump capacity:		0.9 oz.
Weight:		1.2 lb (0.54 kg)

† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.

Ordering Information:

Port Size	Description ‡	Part Number
1/4"	Poly Bowl, Metal Bowl Guard, Twist Drain, 40 Micron	05F12AA
3/8"	Poly Bowl, Metal Bowl Guard, Twist Drain, 40 Micron	05F22AA

‡ For polycarbonate bowl and sight dome, see caution in Engineering Section A.

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Economy Particulate Filters

Air Preparation Products Prep-Air® II Series

Material Specifications

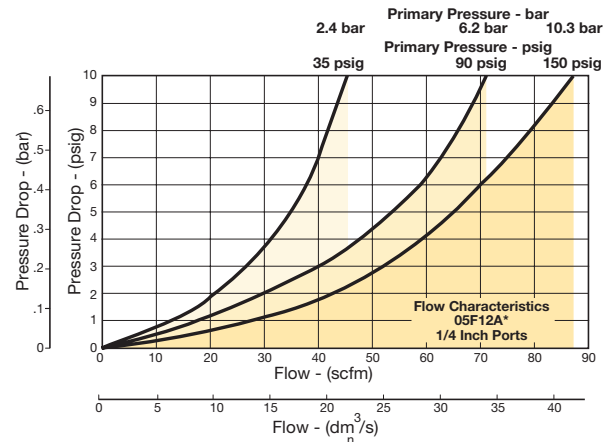
Body	Zinc
Transparent bowl	Polycarbonate
Bowl guards	Steel
Collar	Plastic
Deflector, shroud & baffle	Plastic
Drain	Plastic
Element	Plastic
Adsorber (optional)	Activated charcoal
Seals	Nitrile
Sight gauge	Polyamide (nylon)

Repair and Service Kits

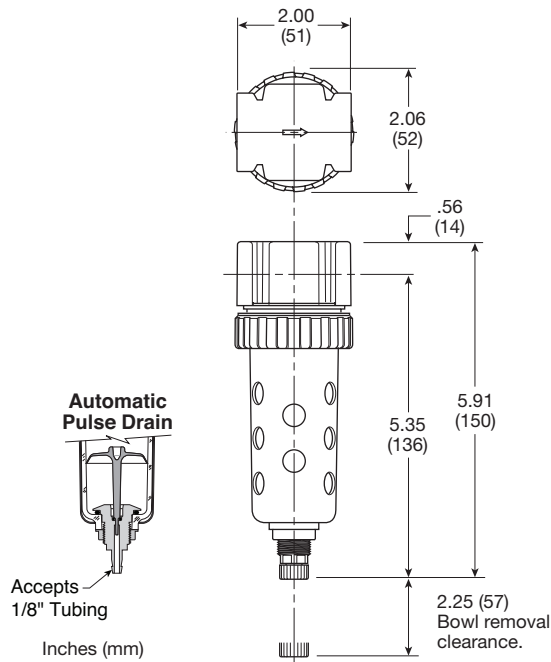
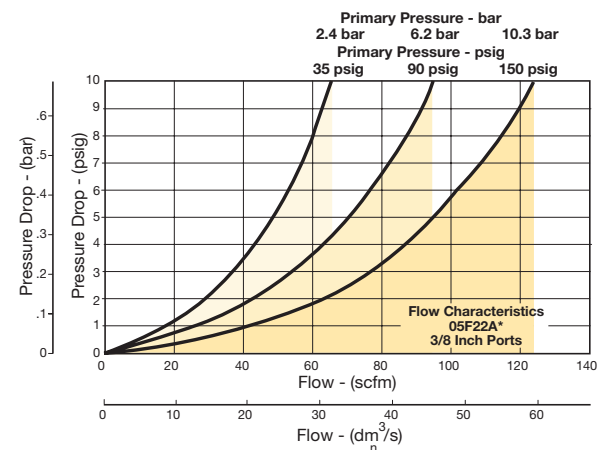
Bowl guard kit	PS905P
Poly bowl / auto pulse drain	PS995P
Poly bowl / twist drain	PS932P
Auto pulse drain	PS998P
Twist drain	PS512P
40 micron element	PS901P
Adsorber	PS931P
Mounting bracket kit	PS943P
Sight gauge kit	PS914P

Flow Charts

05F 1/4" Particulate Filter



05F 3/8" Particulate Filter



Prep-Air® II Products
Filters
Coalescers
Regulators
Filter / Regulators
Lubricators
Combinations
Accessories

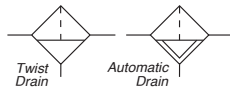


For inventory, lead times, and kit lookup, visit www.pdnplu.com

Compact Particulate Filters

06F Particulate Filters – Compact

- Excellent water removal efficiency
- Unique deflector plate and shroud creates a swirling of the air stream ensuring maximum water and dirt separation
- Large filter element surface guarantees low pressure drop and increased element life
- Optional automatic float drain available
- Shown with recommended metal bowl guard
- 1/4", 3/8", 1/2" ports – NPT



Operating information

Supply pressure (max):	
Without DPI	0 to 150 psig (0 to 10.3 bar)
Plastic bowl	0 to 150 psig (0 to 10.3 bar)
Metal bowl	0 to 250 psig (0 to 17.2 bar)
With DPI	0 to 150 psig (0 to 10.3 bar)
Auto float drain	15 to 250 psig (1.0 to 17.2 bar)
Operating temperature:	
Plastic bowl	32°F to 125°F (0°C to 52°C)
Metal bowl	32°F to 175°F (0°C to 80°C)
With DPI	32°F to 125°F (0°C to 52°C)
Flow capacity†:	
High flow	1/4" 53 scfm (25 dm³/s, ANR)
	3/8" 80 scfm (37.8 dm³/s, ANR)
	1/2" 85 scfm (40.1 dm³/s, ANR)
Bowl capacity:	4.4 oz.
Sump capacity:	1.75 oz.
Weight:	1.4 lb (0.6 kg)
† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.	
DPI = Differential pressure indicator	

Ordering Information:

Port Size	Description †	Part Number
1/4"	Poly Bowl, Metal Bowl Guard, Twist Drain, 40 Micron	06F12AC
1/4"	Poly Bowl, Metal Bowl Guard, Twist Drain, 5 Micron	06F12BC
1/4"	Metal Bowl, Twist Drain, 40 Micron	06F13AC
1/4"	Metal Bowl, Sight Gauge, Twist Drain, 40 Micron	06F14AC
1/4"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, 40 Micron	06F16AC
1/4"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, 5 Micron	06F16BC
1/4"	Metal Bowl, Auto Float Drain, 40 Micron	06F17AC
1/4"	Metal Bowl, Auto Float Drain, 5 Micron	06F17BC
1/4"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 Micron	06F18AC
1/4"	Metal Bowl, Sight Gauge, Auto Float Drain, 5 Micron	06F18BC
3/8"	Poly Bowl, Metal Bowl Guard, Twist Drain, 40 Micron	06F22AC
3/8"	Poly Bowl, Metal Bowl Guard, Twist Drain, 5 Micron	06F22BC

Continued on next page

Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Ordering Information cont.:

Port Size	Description ‡	Part Number
3/8"	Metal Bowl, Sight Gauge, Twist Drain, 5 Micron	06F24BC
3/8"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, 40 Micron	06F26AC
3/8"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, 5 Micron	06F26BC
3/8"	Metal Bowl, Auto Float Drain, 5 Micron	06F27BC
3/8"	Metal Bowl, Sight Gauge, Auto Float Drain, 5 Micron	06F28BC
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, 40 Micron	06F32AC
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, 5 Micron	06F32BC
1/2"	Metal Bowl, Twist Drain, 40 Micron	06F33AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 40 Micron	06F34AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 5 Micron	06F34BC
1/2"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, 40 Micron	06F36AC
1/2"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, 5 Micron	06F36BC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 Micron	06F38AC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 5 Micron	06F38BC
G3/8	Poly Bowl, Metal Bowl Guard, Twist Drain, 40 Micron	06F22AC1
G1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, 5 Micron	06F32BC1
G1/2"	Metal Bowl, Sight Gauge, Twist Drain, 5 Micron	06F34BC1

‡ For polycarbonate bowl and sight dome, see caution in Engineering Section A.

 Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com



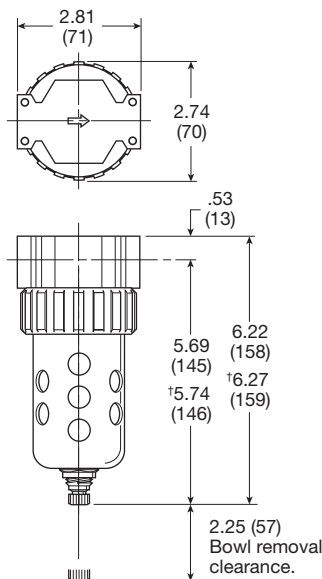
Compact Particulate Filters

Material Specifications

Body	Zinc
Transparent bowl	Polycarbonate
Metal bowl with or without sight gauge	Zinc
Bowl Guards	Steel
Collar	Plastic
Deflector, shroud & baffle	Plastic
Twist drain - body & nut	Plastic
Auto float drain - housing, float	Plastic
Auto float drain - seals	Nitrile
Auto float drain - springs, push rod	Stainless steel
Element	Plastic
Adsorber (optional)	Activated charcoal
Seals	Nitrile
Sight gauge	Polyamide

Repair and Service Kits

Bowl guard kit	PS705P
Poly bowl / auto float drain kit	PS722P
Poly bowl / twist drain kit	PS732P
Metal bowl / auto float drain kit	PS726P
Metal bowl / twist drain kit	PS734P
Metal bowl / sight gauge / auto float drain kit	PS723P
Metal bowl / sight gauge / twist drain kit	PS735P
Auto float drain kit	PS506P
Twist drain kit	PS512P
40 micron element	PS701P
5 micron element	PS702P
Adsorber element	PS731P
Mounting bracket kit	PS743P
Sight gauge kit	PS914P

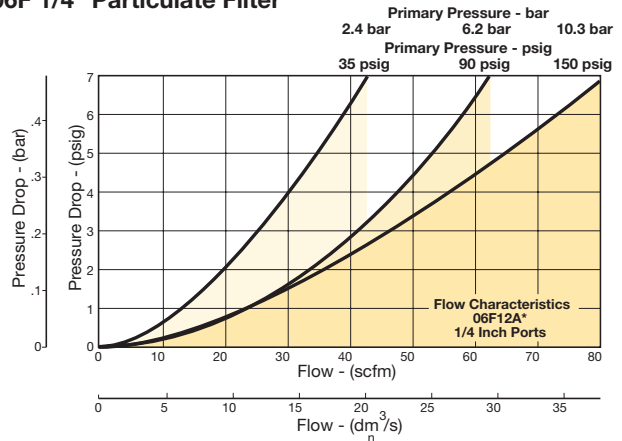


† With auto float drain
Inches (mm)

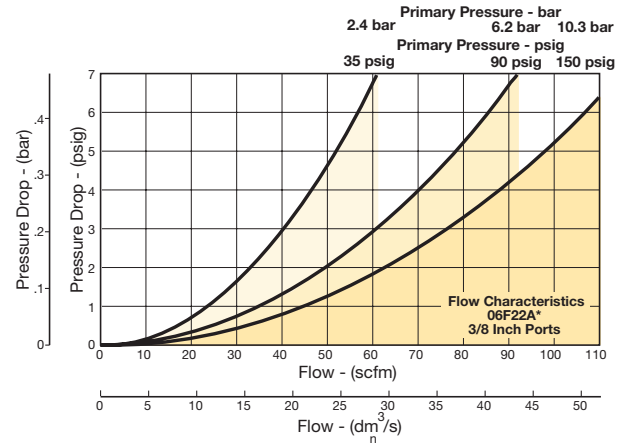
Air Preparation Products Prep-Air® II Series

Flow Charts

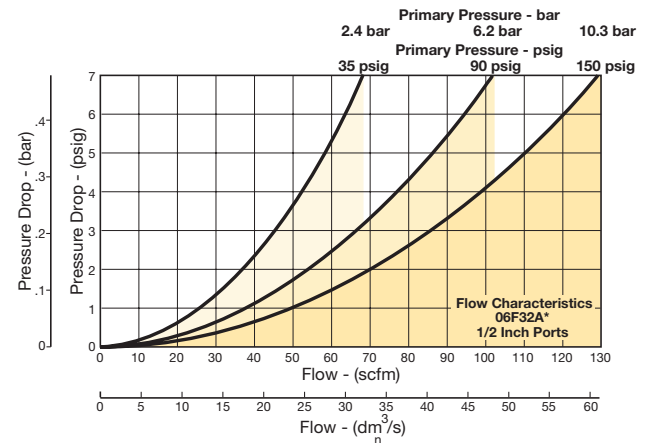
06F 1/4" Particulate Filter



06F 3/8" Particulate Filter



06F 1/2" Particulate Filter



Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories

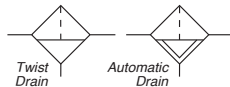


For inventory, lead times, and kit lookup, visit www.pdnplu.com

Standard Particulate Filters

07F Particulate Filters – Standard

- Excellent water removal efficiency
- Unique deflector plate and shroud creates a swirling of the air stream ensuring maximum water and dirt separation
- Large filter element surface guarantees low pressure drop and increased element life
- Optional automatic float drain available
- Shown with recommended metal bowl guard
- 1/2", 3/4" ports – NPT



Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories

Ordering Information:

Port Size	Description †	Part Number
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, 40 Micron	07F32AC
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, 5 Micron	07F32BC
1/2"	Metal Bowl, Twist Drain, 40 Micron	07F33AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 40 Micron	07F34AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 5 Micron	07F34BC
1/2"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, 40 Micron	07F36AC
1/2"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, 5 Micron	07F36BC
1/2"	Metal Bowl, Auto Float Drain, 40 Micron	07F37AC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 Micron	07F38AC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 5 Micron	07F38BC
3/4"	Poly Bowl, Metal Bowl Guard, Twist Drain, 40 Micron	07F42AC
3/4"	Poly Bowl, Metal Bowl Guard, Twist Drain, 5 Micron	07F42BC
3/4"	Metal Bowl, Sight Gauge, Twist Drain, 40 Micron	07F44AC
3/4"	Metal Bowl, Sight Gauge, Twist Drain, 5 Micron	07F44BC
3/4"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, 40 Micron	07F46AC
3/4"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, 5 Micron	07F46BC
3/4"	Metal Bowl, Auto Float Drain, 40 Micron	07F47AC
3/4"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 Micron	07F48AC

† For polycarbonate bowl and sight dome, see caution in Engineering Section A.

Operating information		
Supply pressure (max):		
Without DPI		
Plastic bowl		0 to 150 psig (0 to 10.3 bar)
Metal bowl		0 to 250 psig (0 to 17.2 bar)
With DPI		
Auto float drain		
		0 to 150 psig (0 to 10.3 bar)
		15 to 250 psig (1.0 to 17.2 bar)
Operating temperature:		
Plastic bowl		32°F to 125°F (0°C to 52°C)
Metal bowl		32°F to 175°F (0°C to 80°C)
With DPI		32°F to 125°F (0°C to 52°C)
Flow capacity†:		
High flow	1/2"	130 scfm (61.4 dm ³ /s, ANR)
	3/4"	145 scfm (68.4 dm ³ /s, ANR)
Bowl capacity:		7.2 oz.
Sump capacity:		2.8 oz.
Weight:		2.2 lb (1.0 kg)
† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.		
DPI = Differential pressure indicator		

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Standard Particulate Filters

Material Specifications

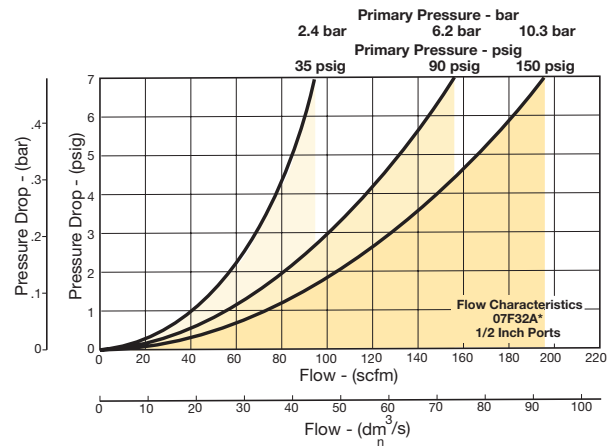
Body	Zinc
Transparent bowl	Polycarbonate
Metal bowl with or without sight gauge	Zinc
Bowl guards	Steel
Collar	Plastic or metal
Deflector, shroud & baffle	Plastic
Twist drain, body & nut	Plastic
Auto float drain – housing, float	Plastic
Auto float drain – seals	Nitrile
Auto float drain – springs, push rod	Stainless steel
Element	Plastic
Adsorber element (optional)	Activated charcoal
Seals	Nitrile
Sight gauge	Polyamide

Air Preparation Products

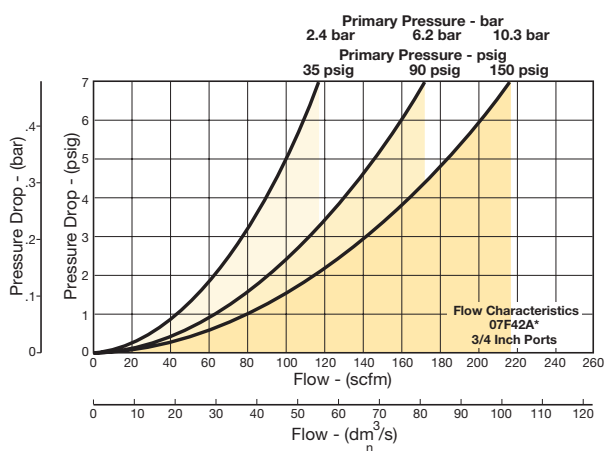
Prep-Air® II Series

Flow Charts

07F 1/2" Particulate Filter

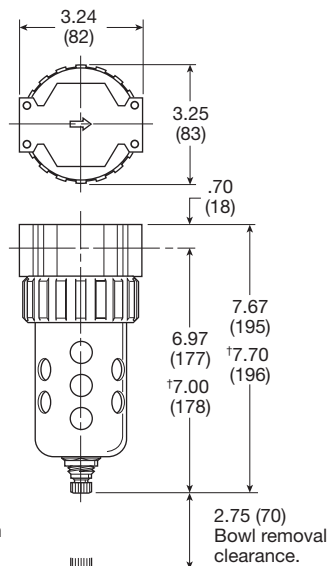


07F 3/4" Particulate Filter



Repair and Service Kits

Bowl guard kit	PS805P
Poly bowl / auto float drain kit	PS822P
Poly bowl / twist drain kit	PS832P
Metal bowl / auto float drain kit	PS826P
Metal bowl / twist drain kit	PS834P
Metal bowl / sight gauge / auto drain kit	PS823P
Metal bowl / sight gauge / twist drain kit	PS835P
Auto float drain kit	PS506P
Twist drain kit	PS512P
40 micron element	PS801P
5 micron element	PS802P
Adsorber element	PS831P
Mounting bracket kit	PS843P
Sight gauge kit	PS914P



Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

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Accessories

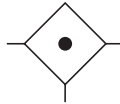


For inventory, lead times, and kit lookup, visit www.pdnplu.com

Economy Coalescing Filters

15F Coalescing Filters – Economy

- Removes liquid aerosols and sub-micron particles.
- Liquids gravitate to the bottom of the element and will not re-enter the airstream.
- Oil free air for critical applications, such as air gauging and pneumatic instrumentation and controls.
- Interchangeable twist and automatic pulse drains.
- Differential pressure indicator standard.
- 1/4" & 3/8" ports – (NPT)



Prep-Air® II Products

E

Filters

Coalescers

Regulators

Filter / Regulators

Lubricators

Combinations

Accessories

Operating information

Supply pressure (max):	
Plastic bowl	
Without DPI	0 to 150 psig (0 to 10.3 bar)
With DPI	0 to 150 psig (0 to 10.3 bar)
Auto pulse drain	10 to 150 psig (0.7 to 10.3 bar)
Operating temperature:	
Plastic bowl	
Without DPI	32°F to 125°F (0°C to 52°C)
With DPI	32°F to 125°F (0°C to 52°C)
Flow capacity†:	Grade 6
	1/8" 30 scfm (14.2 dm ³ /s, ANR)
	1/4" 30 scfm (14.2 dm ³ /s, ANR)
Bowl capacity:	2.0 oz.
Sump capacity:	0.9 oz.
Weight:	1.2 lb (0.54 kg)
† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.	
DPI = Differential pressure indicator	

Ordering Information:

Port Size	Description ‡	Part Number
1/4"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 6 (0.01)	15F12EA
3/8"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 6 (0.01)	15F22EA

‡ For polycarbonate bowl, see caution in Engineering Section A.

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Economy Coalescing Filters

Material Specifications

Body	Zinc
Transparent bowl	Polycarbonate
Bowl guards	Steel
Collar	Plastic
Drain	Plastic
Element	Borosilicate & felt glass fibers
Seals	Nitrile
Sight gauge, DPI	Polyamide (nylon)

Repair and Service Kits

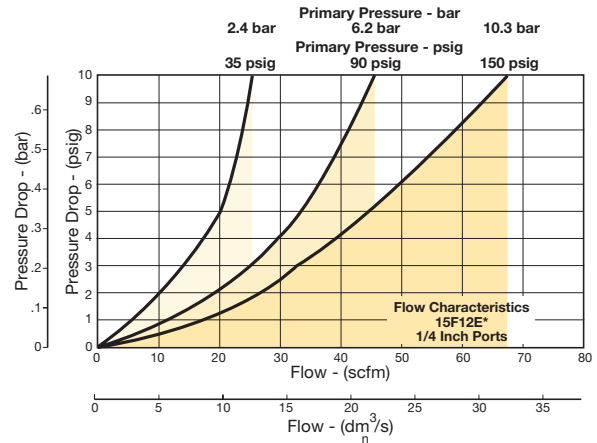
Bowl Guard Kit	PS905P
Poly bowl / automatic pulse drain kit	PS995P
Poly bowl / twist drain kit	PS932P
DPI replacement kit	PS781P
Electronic DPI replacement kit	PS764
Automatic pulse drain kit	PS998P
Twist drain kit	PS512P
Electrical connector: 15mm, 3-pin DIN, 6 ft. cord	PS2932JBP
Filter element kits – Grade 6 (standard)	PS924P
Mounting bracket kit	PS943P
Sight gauge kit	PS914P

Air Preparation Products Prep-Air® II Series

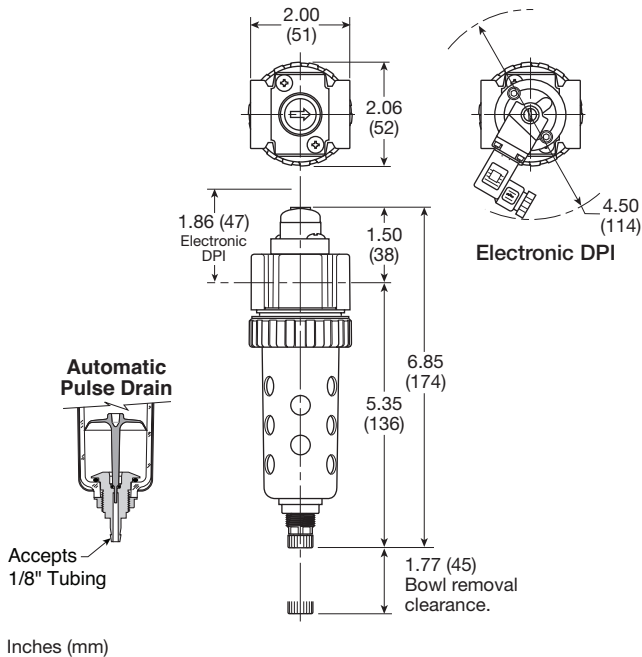
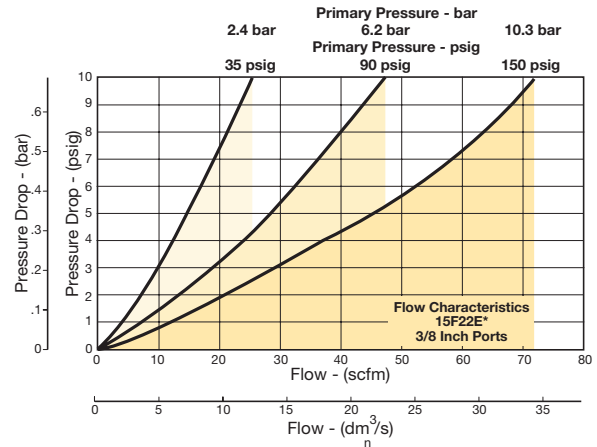
Flow Charts

Grade 6 Element

15F 1/4" Coalescing Filter



15F 3/8" Coalescing Filter



Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Compact Coalescing Filters

11F Coalescing Filters – Compact

- Removes liquid aerosols and sub-micron particles.
- Liquids gravitate to the bottom of the element and will not re-enter the airstream
- Oil free air for critical applications, such as air gauging and pneumatic instrumentation and controls.
- Interchangeable twist and automatic float drains.
- Differential pressure indicator standard.
- Shown with recommended metal bowl guard.
- 1/4", 3/8", 1/2" ports (NPT)



Operating information

Supply pressure (max):		
Without DPI		
Plastic bowl		0 to 150 psig (0 to 10.3 bar)
Metal bowl		0 to 250 psig (0 to 17.2 bar)
With DPI		
		0 to 150 psig (0 to 10.3 bar)
Auto float drain		15 to 250 psig (1.0 to 17.2 bar)
Operating pressure drop:		
Normal		2 psig (0.14 bar)
Max recommended		10 psig (0.7 bar)
(Element should be replaced)		
Minimum recommended flow: 20% nominal rating of element		
Operating temperature:		
Plastic bowl		32°F to 125°F (0°C to 52°C)
Metal bowl		32°F to 175°F (0°C to 80°C)
With DPI		32°F to 125°F (0°C to 52°C)
Flow capacity†:	Grade 6	1/4" 45 scfm (21 dm ³ /s, ANR)
	(0.01 micron)	3/8" 48 scfm (23 dm ³ /s, ANR)
		1/2" 65 scfm (31 dm ³ /s, ANR)
	Grade 10	1/4" 60 scfm (28.3 dm ³ /s, ANR)
	(1.0 micron)	3/8" 72 scfm (34 dm ³ /s, ANR)
		1/2" 95 scfm (45 dm ³ /s, ANR)
Bowl capacity:		4.4 oz.
Sump capacity:		1.75 oz.
Weight:		1.5 lb (0.7 kg)
† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop. DPI = Differential pressure indicator		

Ordering Information:

Port Size	Description ‡	Part Number
1/4"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 6 (0.01)	11F12EC
1/4"	Metal Bowl, Twist Drain, Grade 6 (0.01), W/Out Dpi	11F13ECN
1/4"	Metal Bowl, Twist Drain, Grade 10 (1.0), W/Out Dpi	11F13HCN
1/4"	Metal Bowl, Sight Gauge, Twist Drain, Grade 6 (0.01)	11F14EC
1/4"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, Grade 6 (0.01)	11F16EC
1/4"	Metal Bowl, Sight Gauge, Auto Float Drain, Grade 6 (0.01)	11F18EC
3/8"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 6 (0.01)	11F22EC
3/8"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, Grade 6 (0.01)	11F26EC
3/8"	Metal Bowl, Auto Float Drain, Grade 6 (0.01)	11F27EC
3/8"	Metal Bowl, Sight Gauge, Auto Float Drain, Grade 6 (0.01)	11F28EC
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 6 (0.01)	11F32EC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, Grade 6 (0.01)	11F34EC
1/2"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, Grade 6 (0.01)	11F36EC
1/2"	Metal Bowl, Auto Float Drain, Grade 6 (0.01)	11F37EC

‡ For polycarbonate bowl, see caution in Engineering Section A.

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com



Compact Coalescing Filters

Material Specifications

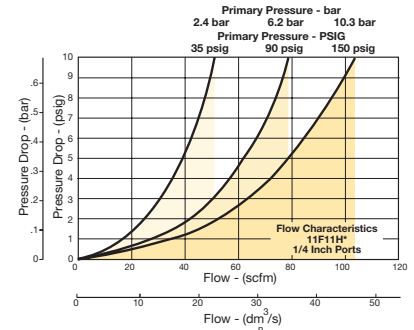
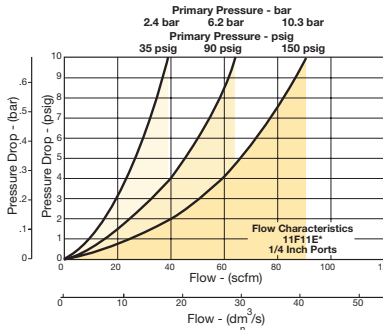
Body	Zinc
Transparent bowl	Polycarbonate
Metal bowl	Zinc
Bowl guard	Steel
Collar	Plastic
Twist drain, body & nut	Plastic
Automatic float drain, housing, float	Plastic
Automatic float drain, seals	Nitrile
Automatic float drain, springs, push rod	Stainless steel
Element	Borosilicate & felt glass fibers
Seals	Nitrile
Sight gauge	Polyamide

Flow Charts

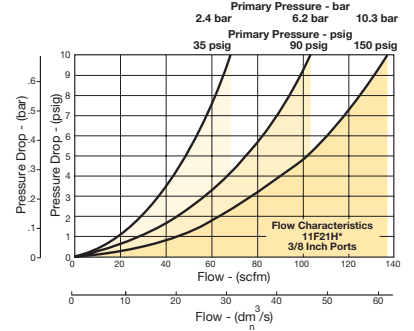
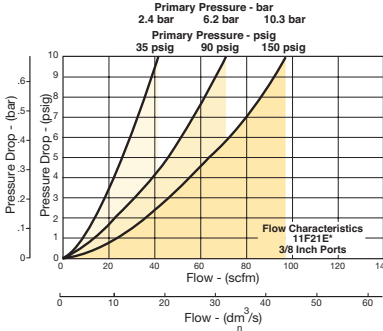
Grade 6

Grade 10

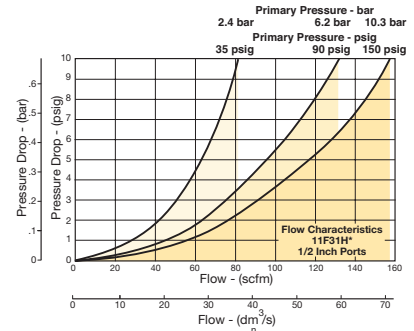
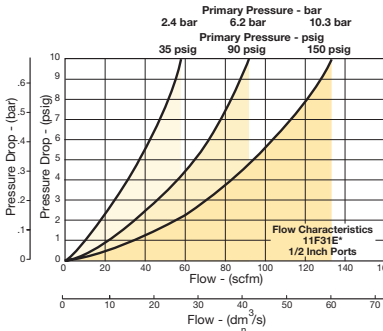
11F 1/4" Coalescing Filter



11F 3/8" Coalescing Filter

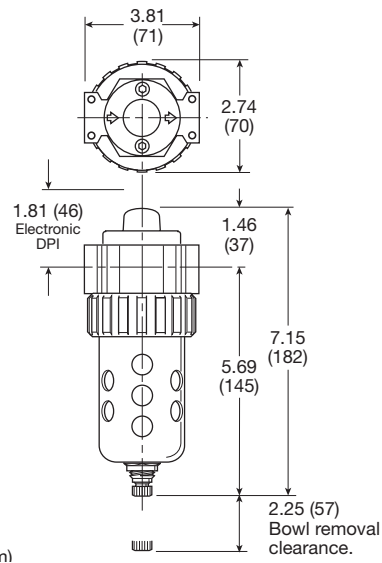


11F 1/2" Coalescing Filter



Repair and Service Kits

Bowl guard kit	PS705P
Poly bowl / automatic float drain kit	PS722P
Poly bowl / twist drain kit	PS732P
Metal bowl / automatic float drain kit	PS726P
Metal bowl / twist drain kit	PS734P
Metal bowl / sight gauge / automatic float drain kit	PS723P
Metal bowl / sight gauge / twist drain kit	PS735P
DPI replacement kit	PS781P
Automatic float drain kit	PS506P
Twist drain kit	PS512P
Electrical connector: 15mm, 3-pin DIN, 6 ft. cord	PS2932JBP
Grade 6 element (standard)	PS724P
Grade 10 element (optional)	PS730P
Mounting bracket kit	PS743P
Sight gauge kit	PS914P



Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories

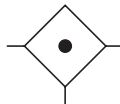


For inventory, lead times, and kit lookup, visit www.pdnplu.com

Standard Coalescing Filters

12F Coalescing Filters – Standard

- Removes liquid aerosols and sub-micron particles
- Liquids gravitate to the bottom of the element and will not re-enter the airstream
- Oil free air for critical applications, such as air gauging and pneumatic instrumentation and controls
- Interchangeable twist and automatic float drains
- Differential pressure indicator standard
- Shown with recommended metal bowl guard
- 1/2", 3/4" ports (NPT)



Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories

Operating information

Supply pressure (max):	
Without DPI	
Plastic bowl	0 to 150 psig (0 to 10.3 bar)
Metal bowl	0 to 250 psig (0 to 17.2 bar)
With DPI	
Auto float drain	0 to 150 psig (0 to 10.3 bar)
	15 to 250 psig (1.0 to 17.2 bar)
Operating pressure drop:	
Normal	2 psig (0.14 bar)
Max recommended	10 psig (0.7 bar)
(Element should be replaced)	
Minimum recommended flow:	20% nominal rating of element
Operating temperature:	
Plastic bowl	32°F to 125°F (0°C to 52°C)
Metal bowl	32°F to 175°F (0°C to 80°C)
With DPI	32°F to 125°F (0°C to 52°C)
Flow capacity†:	Grade 6 1/2" 75 scfm (35.4 dm³/s, ANR)
	3/4" 80 scfm (37.7 dm³/s, ANR)
	Grade 10 1/2" 125 scfm (59 dm³/s, ANR)
	3/4" 160 scfm (75.5 dm³/s, ANR)
Bowl capacity:	7.2 oz.
Sump capacity:	2.8 oz.
Weight:	2.4 lb (1.1 kg)
† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.	
DPI = Differential pressure indicator	

Ordering Information:

Port Size	Description †	Part Number
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 6 (0.01)	12F32EC
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 6 (0.01), W/Out Dpi	12F32ECN
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 10 (1.0)	12F32HC
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 10 (1.0), W/Out Dpi	12F32HCN
1/2"	Metal Bowl, Sight Gauge, Twist Drain, Grade 6 (0.01)	12F34EC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, Grade 6 (0.01), W/Out Dpi	12F34ECN
1/2"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, Grade 6 (0.01)	12F36EC
1/2"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, Grade 6 (0.01), W/Out Dpi	12F36ECN
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, Grade 6 (0.01)	12F38EC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, Grade 10 (1.0)	12F38HC
3/4"	Poly Bowl, Metal Bowl Guard, Twist Drain, Grade 6 (0.01)	12F42EC
3/4"	Poly Bowl, Metal Bowl Guard, Auto Float Drain, Grade 6 (0.01)	12F46EC
3/4"	Metal Bowl, Auto Float Drain, Grade 10 (1.0)	12F47HC
3/4"	Metal Bowl, Sight Gauge, Auto Float Drain, Grade 6 (0.01)	12F48EC

† For polycarbonate bowl, see caution in Engineering Section A.

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Standard Coalescing Filters

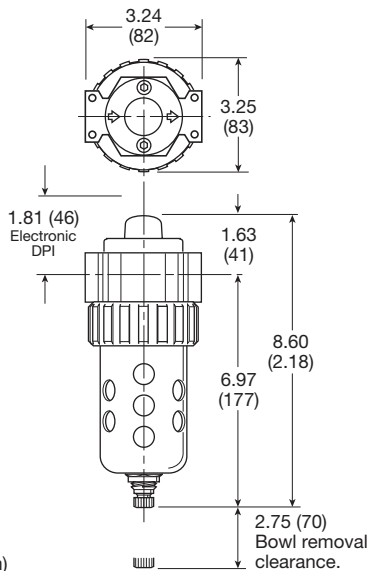
Air Preparation Products Prep-Air® II Series

Material Specifications

Body	Zinc
Transparent bowl	Polycarbonate
Metal bowl with or without sight gauge	Zinc
Bowl guard	Steel
Collar	Plastic or metal
Twist drain, body & nut	Plastic
Automatic float drain, housing, float	Plastic
Automatic float drain, seals	Nitrile
Automatic float drain, springs, push rod	Stainless steel
Element	Borosilicate & felt glass fibers
Seals	Nitrile
Sight gauge	Polyamide

Repair and Service Kits

Bowl guard kit	PS805P
Poly bowl / automatic float drain kit	PS822P
Poly bowl / twist drain kit	PS832P
Metal bowl / automatic float drain kit	PS826P
Metal bowl / twist drain kit	PS834P
Metal bowl / sight gauge / automatic float drain kit	PS823P
Metal bowl / sight gauge / twist drain kit	PS835P
DPI replacement kit	PS781P
Automatic float drain kit	PS506P
Twist drain kit	PS512P
Electrical connector: 15mm, 3-pin DIN, 6 ft. cord	PS2932JBP
Grade 6 element (standard)	PS824P
Grade 10 element (optional)	PS830P
Mounting bracket kit	PS843P
Sight gauge kit	PS914P

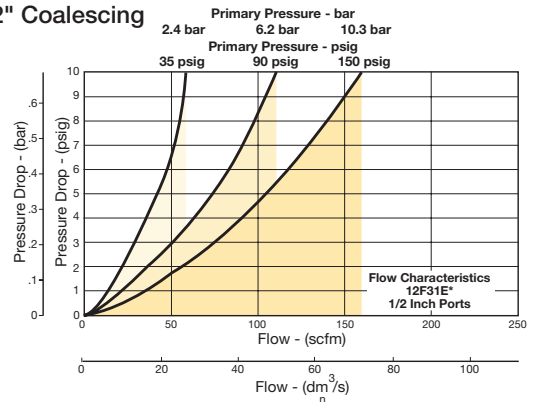


Inches (mm)

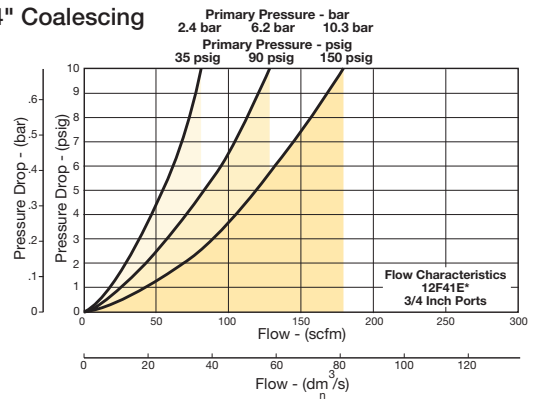
Flow Charts

Grade 6 Element

12F 1/2" Coalescing Filter

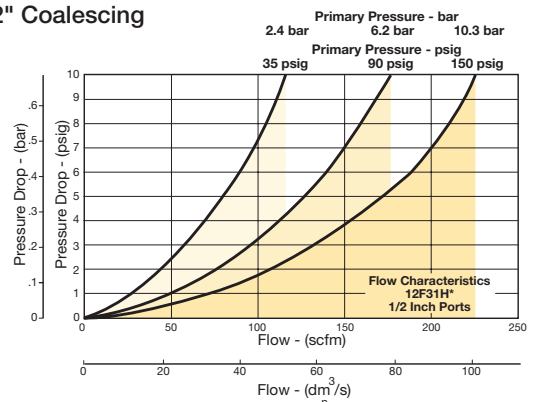


12F 3/4" Coalescing Filter

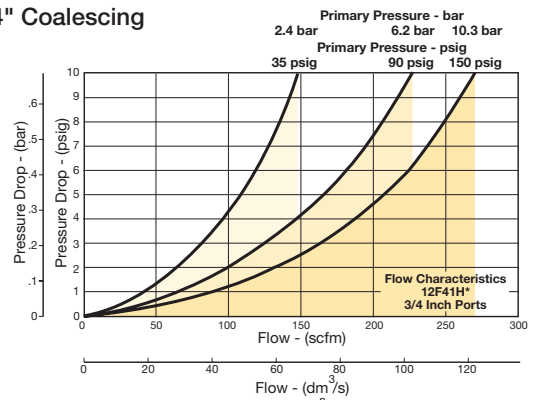


Grade 10 Element

12F 1/2" Coalescing Filter



12F 3/4" Coalescing Filter



Prep-Air® II Products



Filters

Coalescers

Regulators

Filter / Regulators

Lubricators

Combinations

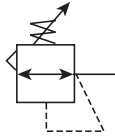
Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

05R Regulators – Economy

- Secondary aspiration plus balanced poppet provides quick response and accurate pressure regulation
- Rolling diaphragm for extended life
- Removable non-rising knob for panel mounting and tamper resistance
- Easily serviced
- Reverse flow
- 1/4", 3/8" ports (NPT)



Prep-Air® II
 Products



Filters

Coalescers

Regulators

Filter /
 Regulators

Lubricators

Combinations

Accessories

Operating information

Supply pressure (max):	0 to 300 psig (0 to 20.7 bar)	
	For secondary pressure ranges see charts next page.	
Operating temperature:	32°F to 175°F (0°C to 80°C)	
Low temperature	-4°F to 125°F (-20°C to 52°C)	
Flow capacity†:		
High flow	1/4"	30 scfm (14.2 dm ³ /s, ANR)
	3/8"	40 scfm (18.9 dm ³ /s, ANR)
Gauge ports (2):	1/4 inch	
Weight:	1.1 lb (0.49 kg)	

† scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.

Ordering Information:

Port Size	Description	Part Number
1/4"	2-125 psi w/out Gauge, Relieving	05R113AD
1/4"	2-200 psi w/out Gauge, Relieving	05R114AD
3/8"	2-125 psi w/out Gauge, Relieving	05R213AD
3/8"	2-200 psi w/out Gauge, Relieving	05R214AD

NOTE: 1.53 Dia. (39 mm) hole required for panel mounting.

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Material Specifications

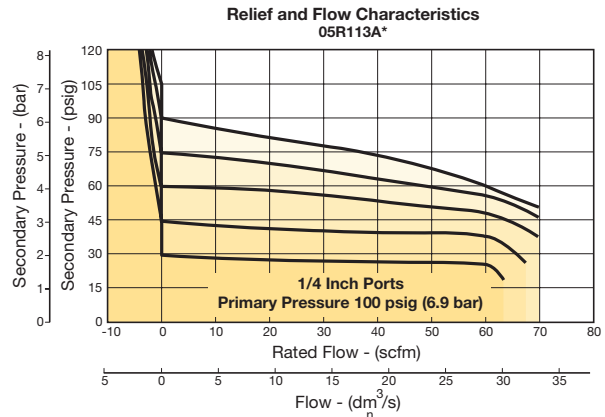
Adjusting stem	Brass
Bonnet	Plastic
Body	Zinc
Collar, Knob	Plastic
Diaphragm	Nitrile
Poppet & cap	Plastic
Seals	Nitrile
Springs – poppet & control	Steel

Repair and Service Kits

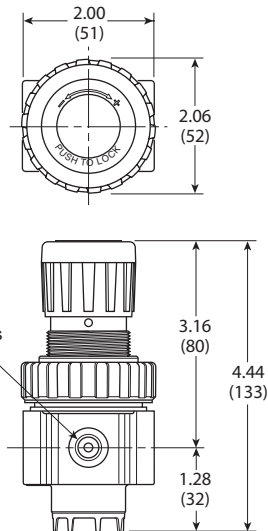
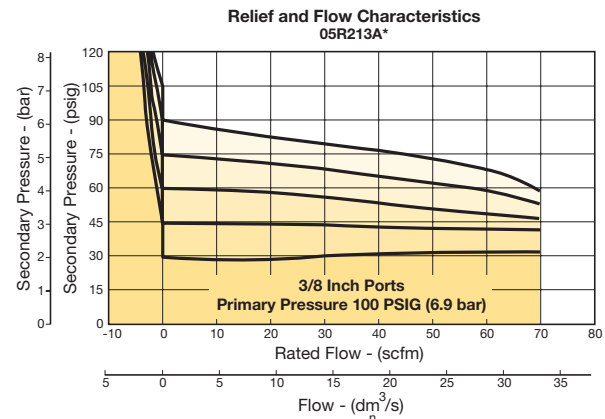
Bonnet assembly kit	PS915P
Control knob	P04420
1-1/2" dial face 30 psig (0 to 2.1 bar), gauge	K4515N14030
1-1/2" dial face 60 psig (0 to 4.1 bar), gauge	K4515N14060
1-1/2" dial face 160 psig (0 to 11.0 bar), gauge	K4515N14160
1-1/2" dial face 300 psig (0 to 20.7 bar), gauge	K4515N14300
2" dial face 60 psig (0 to 4.1 bar), gauge	K4520N14060
2" dial face 160 psig (0 to 11.0 bar), gauge	K4520N14160
2" dial face 300 psig (0 to 20.7 bar), gauge	K4520N14300
Mounting bracket kit	PS963P
Panel mount nut – metal	PS964P
1-30 psig spring	P04427
1-60 psig spring	P04426
2-125 psig spring	P04425
2-200 psig spring	P02934
Relieving service kit	PS908P

Flow Charts

05R 1/4" Regulator



05R 3/8" Regulator



Inches (mm)

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.

Prep-Air® II
 Products



Filters

Coalescers

Regulators

Filter /
 Regulators

Lubricators

Combinations

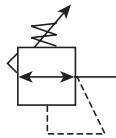
Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

06R Regulators – Compact

- Secondary aspiration plus balanced poppet provides quick response and accurate pressure regulation
- Rolling diaphragm for extended life
- Two high flow 1/4" gauge ports can be used as additional outlets
- Easily serviced
- Removable non-rising knob for panel mounting and tamper resistance
- 1/4", 3/8", 1/2" ports (NPT)



Operating information

Supply pressure (max):	250 psig (17.2 bar)
Secondary pressure ranges:	
Standard	2 to 125 psig (0 to 8.6 bar)
Low	1 to 60 psig (0 to 4.1 bar)
High	5 to 250 psig (0.4 to 17.2 bar)
Operating temperature:	32°F to 175°F (0°C to 80°C)
Low temperature	-4°F to 125°F (-20°C to 52°C)
Flow capacity†:	
High flow	
1/4"	53 scfm (25 dm ³ /s, ANR)
3/8"	60 scfm (28.3 dm ³ /s, ANR)
1/2"	75 scfm (35.4 dm ³ /s, ANR)
Gauge ports (2):	1/4 inch (can be used as additional full flow 1/4 inch outlet ports)
Weight:	1.6 lb (0.7 kg)

† scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.

Ordering Information:

Port Size	Description	Part Number
1/4"	2-125 psi w/out Gauge, Relieving	06R113AC
1/4"	2-125 psi with Gauge, Relieving	06R118AC
3/8"	2-125 psi w/out Gauge, Relieving	06R213AC
3/8"	2-125 psi with Gauge, Relieving	06R218AC
1/2"	2-125 psi w/out Gauge, Relieving	06R313AC
1/2"	2-125 psi with Gauge, Relieving	06R318AC
1/4"	5-250 psi w/out Gauge, Relieving	06R115AC
3/8"	5-250 psi w/out Gauge, Relieving	06R215AC
1/2"	5-250 psi w/out Gauge, Relieving	06R315AC

NOTE: 2.0 Dia. (51 mm) hole required for panel mounting.

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

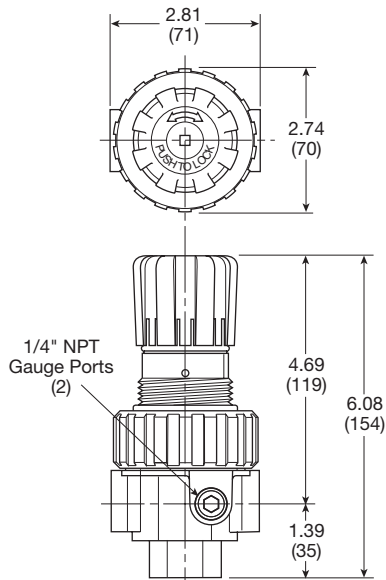


Material Specifications

Adjusting stem	Steel
Body	Zinc
Bonnet, piston stem, valve poppet & cap	Plastic
Collar, knob	Plastic
Diaphragm	Nitrile
Seals	Nitrile
Spring, poppet	Stainless
Spring, control	Steel

Repair and Service Kits

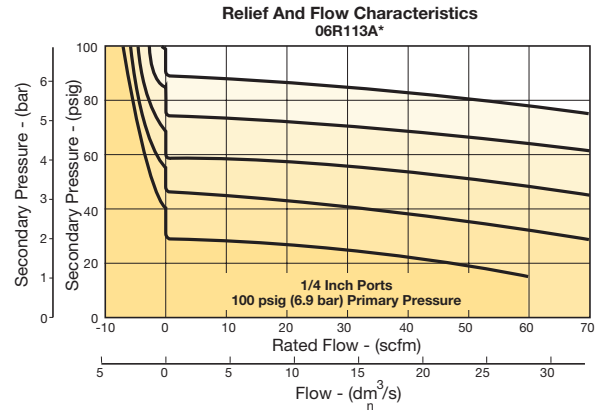
Bonnet assembly kit	PS715P
Control knob	P04069B
2" dial face 60 psig (0 to 4.1 bar), gauge	K4520N14060
2" dial face 160 psig (0 to 11.0 bar), gauge	K4520N14160
2" dial face 300 psig (0 to 20.7 bar), gauge	K4520N14300
1-3/4" digital round face 160 psig (0 to 11.0 bar) gauge	K4517N14160D
Mounting bracket kit (includes panel mount nut)	PS707P
Panel mount nut, plastic	P04082
Panel mount nut, metal	P04079B
Reverse flow service conversion kit, relieving	PS708RP
Relieving (includes poppet)	PS708P
Non-relieving (includes poppet)	PS709P
1-30 psig spring	P01698
1-60 psig spring	P04062
2-125 psig spring	P04063
5-250 psig spring	P04064
Tamperproof kit	PS737P



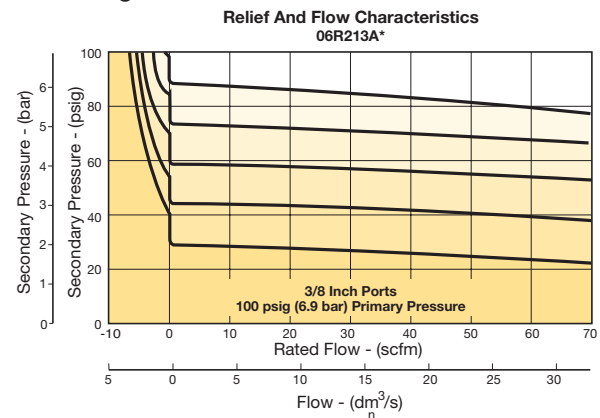
Inches (mm)

Flow Charts

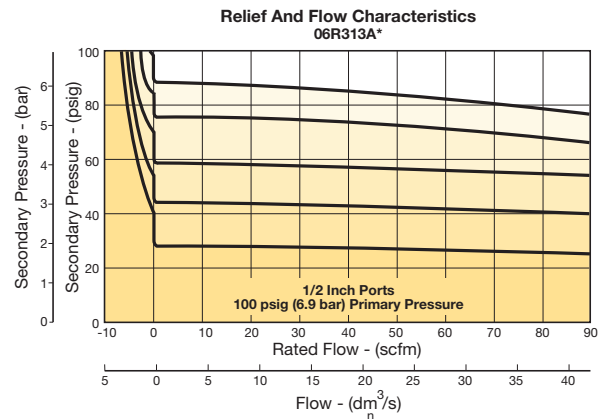
06R 1/4" Regulator



06R 3/8" Regulator



06R 1/2" 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.

Prep-Air® II
 Products



Filters

Coalescers

Regulators

Filter /
 Regulators

Lubricators

Combinations

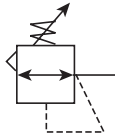
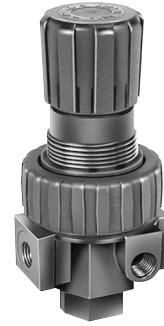
Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

07R Regulators – Standard

- Secondary aspiration plus balanced poppet provides quick response and accurate pressure regulation
- Rolling diaphragm for extended life
- Two high flow 1/4" gauge ports can be used as additional outlets
- Easily serviced
- Removable non-rising knob for panel mounting and tamper resistance
- 1/2", 3/4" ports (NPT)



Operating information

Supply pressure (max):	250 psig (17.2 bar)	
Secondary pressure ranges:		
Standard	2 to 125 psig (0 to 8.6 bar)	
Low	1 to 60 psig (0 to 4.1 bar)	
High	5 to 250 psig (0.4 to 17.2 bar)	
Operating temperature:	32°F to 175°F (0°C to 80°C)	
Low temperature	-4°F to 125°F (-20°C to 52°C)	
Flow capacity†:		
High flow	1/2"	90 scfm (42.5 dm ³ /s, ANR)
	3/4"	90 scfm (42.5 dm ³ /s, ANR)
Gauge ports (2):	1/4 inch (can be used as additional full flow 1/4 inch outlet ports)	
Weight:	2.5 lb (1.1 kg)	

† scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.

Ordering Information:

Port Size	Description	Part Number
1/2"	2-125 psi w/out Gauge, Relieving	07R313AC
1/2"	5-250 psi w/ out Gauge, Relieving	07R315AC
1/2"	2-125 psi w/ Gauge, Relieving	07R318AC
1/2"	5-250 psi with Gauge, Relieving	07R321AC
3/4"	2-125 psi w/out Gauge, Relieving	07R413AC
3/4"	5-250 psi w/out Gauge, Relieving	07R415AC
3/4"	2-125 psi w/ Gauge, Relieving	07R418AC
G1/2"	2-125 psi w/out Gauge, Relieving	07R313AC1
G3/4"	2-125 psi w/ Gauge, Relieving	07R418AC1

NOTE: 2.0 Dia. (51 mm) hole required for panel mounting.

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

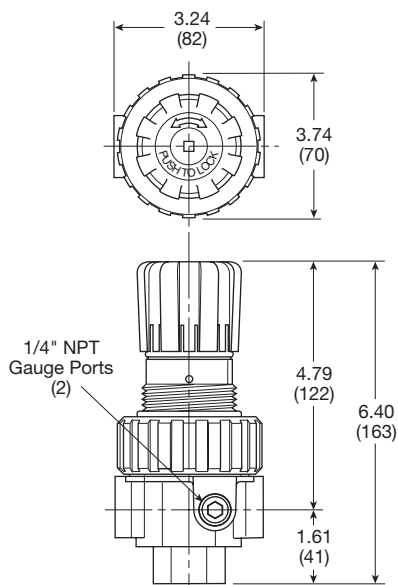


Material Specifications

Adjusting stem	Steel
Body	Zinc
Bonnet, piston stem, valve poppet & cap	Plastic
Collar, knob	Plastic
Diaphragm	Nitrile
Seals	Nitrile
Spring, poppet	Stainless
Spring, control	Steel

Repair and Service Kits

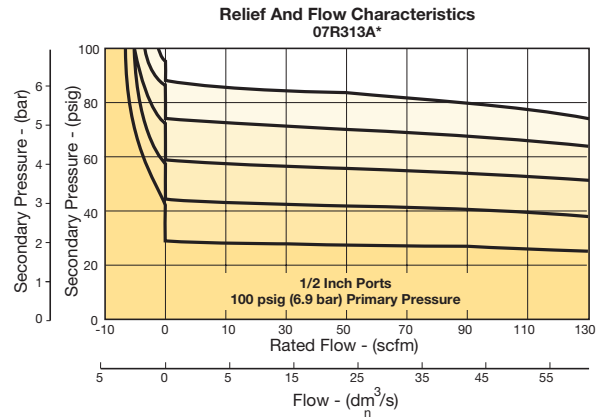
Bonnet assembly kit	PS715P
Control knob	P04069B
2" dial face 60 psig (0 to 4.1 bar), gauge	K4520N14060
2" dial face 160 psig (0 to 11.0 bar), gauge	K4520N14160
2" dial face 300 psig (0 to 20.7 bar), gauge	K4520N14300
1-3/4" digital round face	
160 psig (0 to 11.0 bar), gauge	K4517N14160D
Mounting bracket kit (includes panel mount nut)	PS807P
Panel mount nut, plastic	P04082
Panel Mount nut, metal	P04079B
Reverse flow service conversion kit, relieving	PS808RP
Relieving (includes poppet)	PS808P
Non-relieving (includes poppet)	PS809P
1-30 psig spring	P01698
1-60 psig spring	P04062
2-125 psig spring	P04063
5-250 psig spring	P04064
Tamperproof kit	PS737P



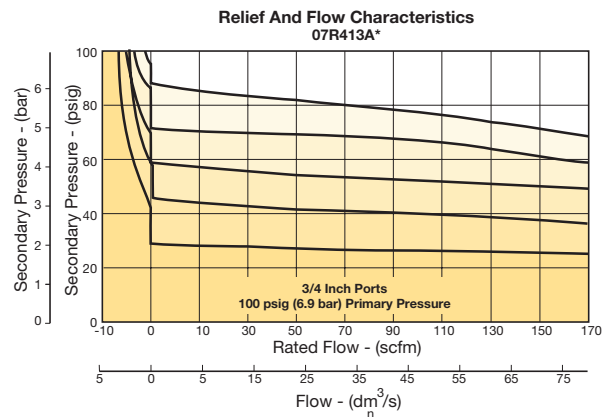
Inches (mm)

Flow Charts

07R 1/2" Regulator



07R 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.

Prep-Air® II
 Products



Filters

Coalescers

Regulators

Filter /
 Regulators

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Combinations

Accessories

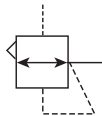


For inventory, lead times, and kit lookup, visit www.pdnplu.com

Compact Pilot Controlled Regulators

11R Pilot Controlled Regulator – Compact

- Balanced poppet provides quick response and accurate pressure regulation
- Pilot controlled regulators can be mounted “out of reach” with pilot regulator installed in a convenient location
- Solid control piston for extended life
- Two full flow 1/4" gauge ports can be used as additional outlets
- Pilot port 1/4 Inch
- 1/4", 3/8", 1/2" ports (NPT)



Operating information		
Supply pressure (max):	0 to 250 psig (0 to 17.2 bar)	
Operating temperature:	32°F to 175°F (0°C to 80°C)	
Flow capacity†:		
High flow	1/4"	85 scfm (40 dm ³ /s, ANR)
	3/8"	95 scfm (44.8 dm ³ /s, ANR)
	1/2"	95 scfm (44.8 dm ³ /s, ANR)
Gauge ports (2):	1/4 inch (can be used as additional full flow 1/4 inch outlet ports)	
Weight:	1.3 lb (0.53 kg)	
† scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.		

Ordering Information:

Port Size	Description	Part Number
1/4"	5-250 psi w/out Gauge, Relieving, Pilot Operated	11R115PC
3/8"	5-250 psi w/out Gauge, Relieving, Pilot Operated	11R215PC
1/2"	5-250 psi w/out Gauge, Relieving, Pilot Operated	11R315PC

NOTE: 2.0 Dia. (51 mm) hole required for panel mounting.

 Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

E21

Parker Hannifin Corporation
Pneumatic Division
Richland, Michigan
www.parker.com/pneumatics

Prep-Air® II Products

Filters
Coalescers
Regulators
Filter / Regulators
Lubricators
Combinations
Accessories

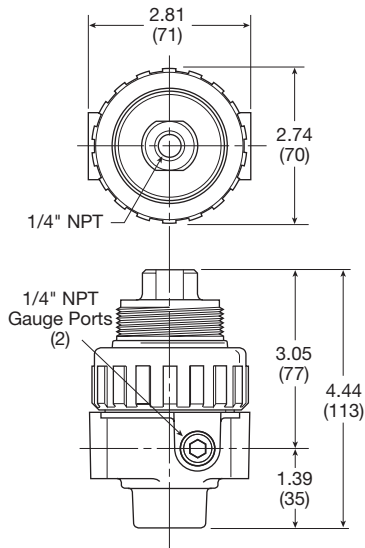
Compact Pilot Controlled Regulators

Material Specifications

Body & pilot cap	Zinc
Piston, valve poppet, & collar	Plastic
Seals	Nitrile
Springs	Steel

Repair and Service Kits

Seat Insert kit	PS713P
2" dial face 60 psig (0 to 4.1 bar), gauge	K4520N14060
2" dial face 160 psig (0 to 11.0 bar), gauge	K4520N14160
2" dial face 300 psig (0 to 20.7 bar), gauge	K4520N14300
1-3/4" digital round face	
160 psig (0 to 11.0 bar), gauge	K4517N14160D
Mounting bracket kit (includes panel mount nut)	PS707P
Panel mount nut, plastic	P04082
Panel mount nut, metal	P04079B
Pilot conversion kit - relieving	PS745P
Non-Relieving	PS747P
Relieving	PS749P



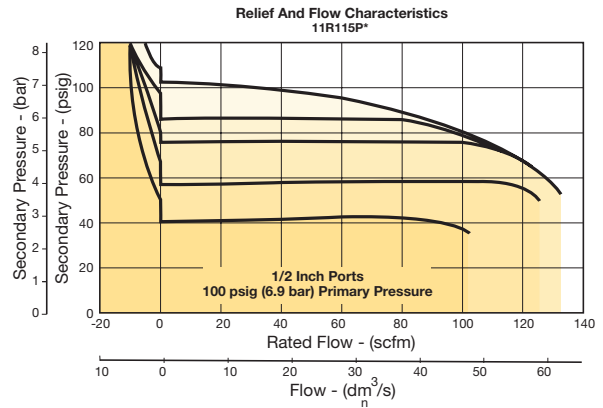
Inches (mm)

Air Preparation Products

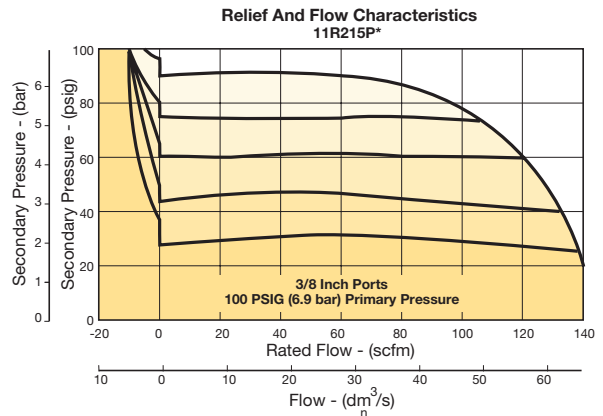
Prep-Air® II Series

Flow Charts

11R 1/2" Regulator



11R 3/8" Regulator



⚠ WARNING

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

Prep-Air® II
Products



Filters

Coalescers

Regulators

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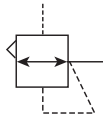


For inventory, lead times, and kit lookup, visit www.pdnplu.com

Standard Pilot Controlled Regulators

12R Pilot Controlled Regulator – Standard

- Balanced poppet provides quick response and accurate pressure regulation
- Pilot controlled regulators can be mounted “out of reach” with pilot regulator installed in a convenient location
- Solid control piston for extended life
- Two full flow 1/4" gauge ports can be used as additional outlets
- Pilot port 1/4 Inch
- 1/2", 3/4" ports (NPT)



Operating information	
Supply pressure (max):	0 to 250 psig (0 to 17.2 bar)
Operating temperature:	32°F to 175°F (0°C to 80°C)
Flow capacity†:	
High flow	1/2" 140 scfm (66 dm³/s, ANR)
	3/4" 140 scfm (66 dm³/s, ANR)
Gauge ports (2):	1/4 inch (can be used as additional full flow 1/4 inch outlet ports)
Weight:	2.0 lb (0.91 kg)
† scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.	

Ordering Information:


Port Size	Description	Part Number
1/2"	5-250 psi w/out Gauge, Relieving, Pilot Operated	12R215PB
3/4"	5-250 psi w/out Gauge, Relieving, Pilot Operated	12R415PB

NOTE: 2.0 Dia. (51 mm) hole required for panel mounting.

 Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Prep-Air® II Products

Filters
Coalescers
Regulators
Filter / Regulators
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Accessories

Material Specifications

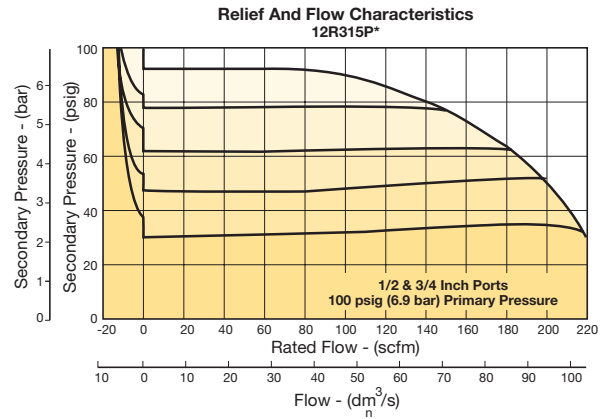
Body & pilot cap	Zinc
Piston, valve poppet, & collar	Plastic
Seals	Nitrile
Springs	Steel

Repair and Service Kits

Seat insert kit	PS813P
2" dial face 60 psig (0 to 4.1 bar)	K4520N14060
2" dial face 160 psig (0 to 11.0 bar)	K4520N14160
2" dial face 300 psig (0 to 20.7 bar)	K4520N14300
1-3/4" digital round face 160 psig (0 to 11.0 bar)	K4517N14160D
Mounting bracket kit (includes panel mount nut)	PS807P
Panel mount nut, plastic	P04082
Panel mount nut, metal	P04079B
Pilot conversion kit – relieving	PS745P
Non-relieving	PS847P
Relieving	PS849P

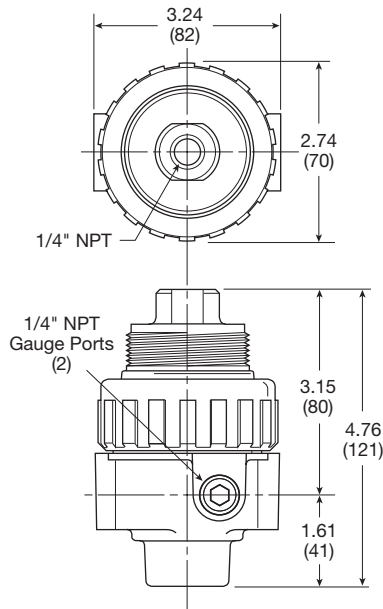
Flow Charts

12R 1/2 and 3/4" Regulator



⚠ WARNING

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



Inches (mm)

Prep-Air® II
Products



Filters

Coalescers

Regulators

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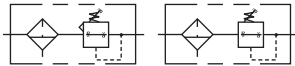


For inventory, lead times, and kit lookup, visit www.pdnplu.com

Economy Filter / Regulators

05E Filter / Regulator – Economy

- Space saving package offers both filter and regulator features for optimal performance
- Excellent water removal efficiency
- Rolling diaphragm for extended life
- Removable non-rising knob for tamper resistance
- Quick response, and accurate pressure regulation regardless of changing flow or inlet pressure
- 40 micron filter element standard
- 1/4", 3/8" ports (NPT)



Prep-Air® II Products

F

Filters

Coalescers

Regulators

Filter / Regulators

Lubricators

Combinations

Accessories

Operating information	
Supply pressure (max): Plastic bowl	0 to 150 psig (0 to 10.3 bar)
Operating temperature: Plastic bowl	32°F to 125°F (0°C to 52°C)
Flow capacity†:	
High flow	1/4" 30 scfm (14.2 dm³/s, ANR)
	3/8" 40 scfm (18.9 dm³/s, ANR)
Bowl capacity:	2 oz.
Auto pulse drain tube barb	1/8 inch
Gauge ports (2):	1/4 inch
Sump capacity:	0.9 oz.
Weight:	1.35 lb (0.6 kg)
† scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.	

Ordering Information:

Port Size	Description ‡	Part Number
1/4"	Poly Bowl, Metal Guard, Twist Drain, 40 Micron, 2-125 psi w/out Gauge, Relieving	05E12A13AB
3/8"	Poly Bowl, Metal Guard, Twist Drain, 40 Micron, 2-125 psi w/out Gauge, Relieving	05E22A13AB

‡ For polycarbonate bowl, see caution in Engineering Section A.
 NOTE: 1.53 Dia. (39 mm) hole required for panel mounting.

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Material Specifications

Adjusting stem	Steel
Body	Zinc
Bonnet, internal parts	Plastic
Transparent bowl	Polycarbonate
Bowl guard	Steel
Collar	Plastic
Diaphragm	Nitrile
Drain	Plastic
40 micron element (standard)	Plastic
5 micron element (optional)	Plastic
Adsorber element (optional)	Activated charcoal
Knob	Plastic
Seals	Nitrile
Sight gauge	Polyamide (nylon)
Springs, poppet & control	Steel

Repair and Service Kits

Bowl guard kit	PS905P
Poly bowl, automatic pulse drain	PS995P
Poly bowl, twist drain	PS932P
Auto pulse drain	PS998P
Twist drain	PS512P
40 micron element	PS901P
5 micron element	PS902P
Adsorber element	PS931P
Sight gauge kit	PS914P
1-1/2" dial face 30 psig (0 to 2.1 bar), gauge	K4515N14030
1-1/2" dial face 60 psig (0 to 4.1 bar), gauge	K4515N14060
1-1/2" dial face 160 psig (0 to 11.0 bar), gauge	K4515N14160
1-1/2" dial face 300 psig (0 to 20.7 bar), gauge	K4515N14300
2" dial face 60 psig (0 to 4.1 bar), gauge	K4520N14060
2" dial face 160 psig (0 to 11.0 bar), gauge	K4520N14160
2" dial face 300 psig (0 to 20.7 bar), gauge	K4520N14300
Mounting bracket kit (includes panel mount nut)	PS963P
Panel mount nut – metal	PS964P
1-30 psig spring	P04427
1-60 psig spring	P04426
2-125 psig spring	P04425
2-200 psig spring	P02934
Relieving service kit	PS908P
Bonnet assembly kit	PS915P

WARNING

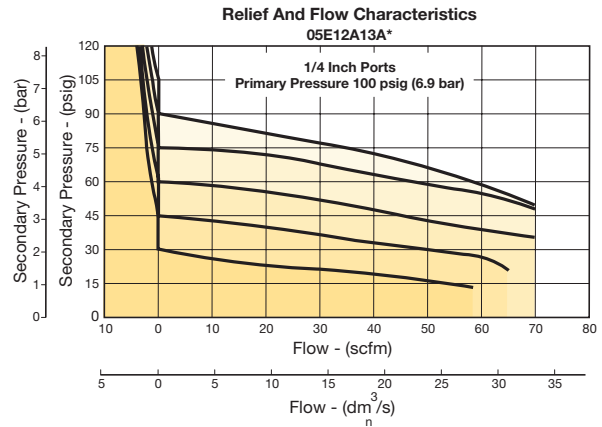
**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

CAUTION:

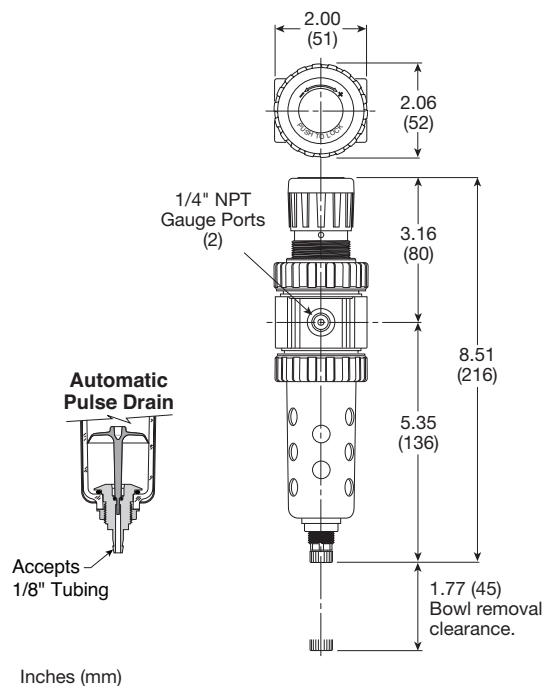
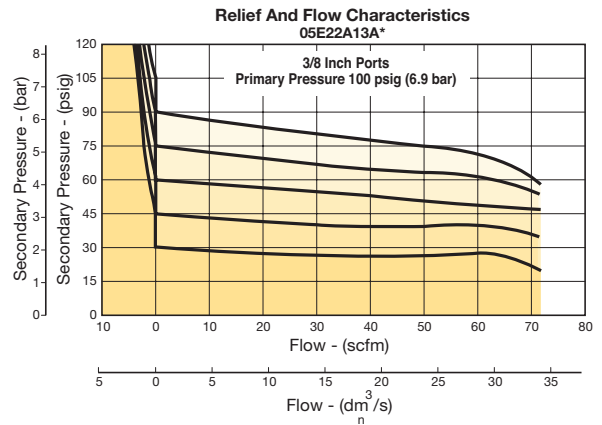
REGULATOR PRESSURE ADJUSTMENT – The working range of knob adjustment is designed to permit outlet pressures within their full range. Pressure adjustment beyond this range is also possible because the knob is not a limiting device. This is a common characteristic of most industrial regulators, and limiting 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.

Flow Charts

05E 1/4" Filter / Regulator



05E 3/8" Filter / Regulator



Prep-Air® II
Products



Filters

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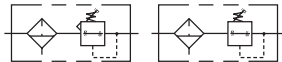


For inventory, lead times, and kit lookup, visit www.pdnplu.com

Compact Filter / Regulators

06E Filter / Regulator – Compact

- Space saving package offers both filter and regulator features for optimal performance
- Excellent water removal efficiency
- Rolling diaphragm for extended life
- Quick response, and accurate pressure regulation regardless of changing flow or inlet pressure
- Two high flow 1/4" gauge ports can be used as additional outlets
- Shown with recommended metal bowl guard
- 1/4", 3/8", 1/2" ports (NPT)



Operating information

Supply pressure (max):		
Plastic bowl		0 to 150 psig (0 to 10.3 bar)
Metal bowl		0 to 250 psig (0 to 17.2 bar)
Auto float drain		15 to 250 psig (1.0 to 17.2 bar)
Operating temperature:		
Plastic bowl		32°F to 125°F (0°C to 52°C)
Metal bowl		32°F to 175°F (0°C to 80°C)
Secondary pressure range:		
Standard		2 to 125 psig (0 to 8.6 bar)
Low		1 to 60 psig (0 to 4.1 bar)
High		5 to 250 psig (0.4 to 17.2 bar)
Flow capacity†:		
High flow	1/4"	45 scfm (21.7 dm³/s, ANR)
	3/8"	55 scfm (26 dm³/s, ANR)
	1/2"	61 scfm (28.8 dm³/s, ANR)
Bowl capacity:		4.4 oz.
Gauge ports (2):		1/4 inch (can be used as additional full flow 1/4" outlet ports)
Sump capacity:		1.75 oz.
Weight:		1.6 lb (0.7 kg)

† scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.

Ordering Information:

Port Size	Description †	Part Number
1/4"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E12A13AC
1/4"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E12A18AC
1/4"	Poly Bowl, Metal Guard, Twist Drain, 5 micron, 2-125 psi w/ Gauge, Relieving	06E12B18AC
1/4"	Metal Bowl, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E13A13AC
1/4"	Metal Bowl, Twist Drain, 40 micron, 2-125 psi w/out Gauge, T-Handle Relieving	06E13A13TC
1/4"	Metal Bowl, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E13A18AC
1/4"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E14A13AC
1/4"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E14A18AC
1/4"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E16A13AC
1/4"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E16A18AC
3/8"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E22A13AC
3/8"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E22A18AC
3/8"	Poly Bowl, Metal Guard, Twist Drain, 5 micron, 2-125 psi w/out Gauge, Relieving	06E22B13AC

Most popular.

Continued on next page



For inventory, lead times, and kit lookup, visit www.pdnplu.com



Compact Filter / Regulators

Ordering Information cont.:

Port Size	Description ‡	Part Number
3/8"	Metal Bowl, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E23A18AC
3/8"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E24A13AC
3/8"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E24A18AC
3/8"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E26A13AC
3/8"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E26A18AC
3/8"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E28A13AC
1/2"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E32A13AC
1/2"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E32A18AC
1/2"	Poly Bowl, Metal Guard, Twist Drain, 5 micron, 2-125 psi w/out Gauge, Relieving	06E32B13AC
1/2"	Poly Bowl, Metal Guard, Twist Drain, 5 micron, 2-125 psi w/ Gauge, Relieving	06E32B18AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E34A13AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E34A18AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 5 micron, 2-125 psi w/ Gauge, Relieving	06E34B18AC
1/2"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E36A13AC
1/2"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E36A18AC
1/2"	Poly Bowl, Metal Guard, Auto Float Drain, 5 micron, 2-125 psi w/out Gauge, Relieving	06E36B13AC
1/2"	Metal Bowl, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E37A18AC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	06E38A13AC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	06E38A18AC
G1/4"	Metal Bowl, Auto Float Drain, 5 micron, 2-125 psi w/out Gauge, Relieving	06E17B13AC1

‡ For polycarbonate bowl, see caution in Engineering Section A.

NOTE: 2.0 Dia. (50.8 mm) hole required for panel mounting. Max panel thickness 1/4"

Prep-Air® II
Products

Filters
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Accessories

 Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Compact Filter / Regulators

Air Preparation Products Prep-Air® II Series

Material Specifications

Adjusting stem	Steel
Body	Zinc
Bonnet, internal parts	Plastic
Transparent bowl	Polycarbonate
Metal bowl (with or without sight gauge)	Zinc
Bowl guard	Steel
Collar	Plastic
Diaphragm	Nitrile
Manual twist drain, standard, body & nut	Plastic
Auto float drain, housing, float	Plastic
Auto float drain, seals	Nitrile
Auto float drain, springs, push rod	Stainless steel
Knob	Plastic
40 micron element (standard)	Plastic
5 micron element (optional)	Plastic
Adsorber element (optional)	Activated charcoal
Seals	Nitrile
Sight gauge	Polyamide
Poppet, spring	Stainless
Control, spring	Steel

Repair and Service Kits

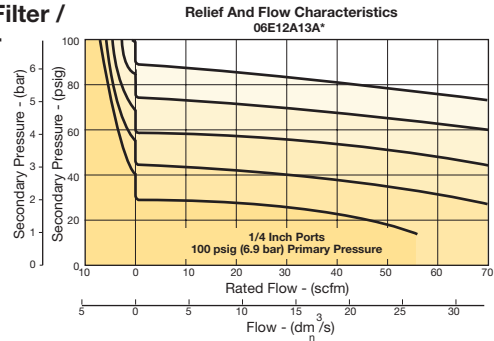
Bonnet assembly kit	PS715P
Bowl guard kit	PS705P
Poly bowl, auto float drain	PS722P
Poly bowl, twist drain	PS732P
Metal bowl, auto float drain	PS726P
Metal bowl, twist drain	PS734P
Metal bowl, sight gauge / auto drain	PS723P
Metal bowl, sight gauge / twist drain	PS735P
Control knob	P04069B
Auto float drain	PS506P
Twist drain	PS512P
40 micron element	PS701P
5 micron element	PS702P
Adsorber element	PS731P
2" dial face 60 psig (0 to 4.1 bar), gauge	K4520N14060
2" dial face 160 psig (0 to 11.0 bar), gauge	K4520N14160
2" dial face 300 psig (0 to 20.7 bar), gauge	K4520N14300
1-3/4" digital round face 160 psig (0 to 11.0 bar), gauge	K4517N14160D
Mounting bracket kit (includes panel mount nut)	PS707P
Panel mount nut	P04082
Non-relieving (includes poppet)	PS711P
Relieving (includes poppet)	PS710P
Seat insert kit	PS713P
1- 30 psig spring	P01698
1- 60 psig spring	P04062
2- 125 psig spring	P04063
5- 250 psig spring	P04064
Tamperproof kit (key lock)	PS737P

⚠ WARNING

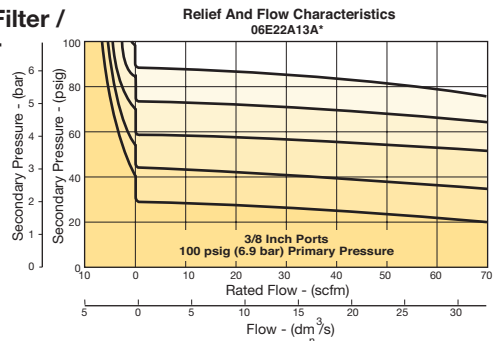
**Product rupture can cause serious injury.
Do not connect regulator to bottled gas.
Do not exceed Maximum primary pressure rating.**

Flow Charts

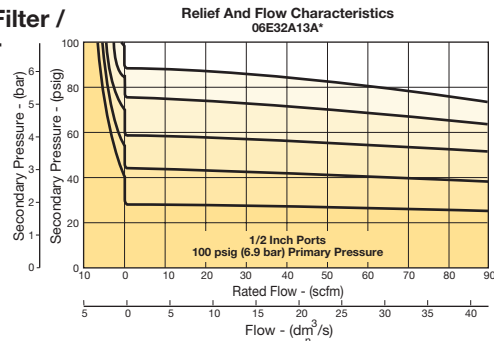
06E 1/4" Filter / Regulator



06E 3/8" Filter / Regulator

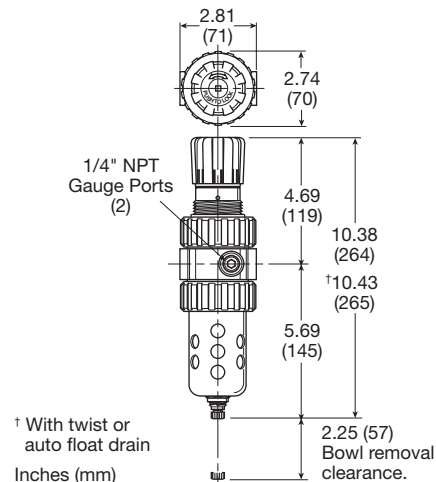


06E 1/2" Filter / Regulator



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.



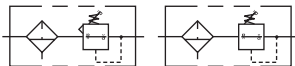
For inventory, lead times, and kit lookup, visit www.pdnplu.com



Standard Filter / Regulators

07E Filter / Regulator – Standard

- Space saving package offers both filter and regulator features for optimal performance
- Excellent water removal efficiency
- Rolling diaphragm for extended life
- Quick response, and accurate pressure regulation regardless of changing flow or inlet pressure
- Two high flow 1/4" gauge ports can be used as additional outlets
- Shown with recommended metal bowl guard
- 1/2", 3/4" ports (NPT)



Operating information

Supply pressure (max):		
Plastic bowl		0 to 150 psig (0 to 10.3 bar)
Metal bowl		0 to 250 psig (0 to 17.2 bar)
Auto float drain		15 to 250 psig (1.0 to 17.2 bar)
Operating temperature:		
Plastic bowl		32°F to 125°F (0°C to 52°C)
Metal bowl		32°F to 175°F (0°C to 80°C)
Secondary pressure range:		
Standard		2 to 125 psig (0 to 8.6 bar)
Low		1 to 60 psig (0 to 4.1 bar)
High		5 to 250 psig (0.4 to 17.2 bar)
Flow capacity†:		
High flow	1/2"	90 scfm (42.5 dm³/s, ANR)
	3/4"	90 scfm (42.5 dm³/s, ANR)
Bowl capacity:		7.2 oz.
Gauge ports (2):		1/4 inch (can be used as additional full flow 1/4" outlet ports)
Sump capacity:		2.8 oz.
Weight:		2.5 lb (1.1 kg)

† scfm = Standard cubic feet per minute at 100 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.

Ordering Information:

Port Size	Description †	Part Number
1/2"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	07E32A13AC
1/2"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	07E32A18AC
1/2"	Poly Bowl, Metal Guard, Twist Drain, 5 micron, 2-125 psi w/ out Gauge, Relieving	07E32B13AC
1/2"	Poly Bowl, Metal Guard, Twist Drain, 5 micron, 2-125 psi w/ Gauge, Relieving	07E32B18AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	07E34A13AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 5-250 psi w/out Gauge, Relieving	07E34A15AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	07E34A18AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 5 micron, 2-125 psi w/out Gauge, Relieving	07E34B13AC
1/2"	Metal Bowl, Sight Gauge, Twist Drain, 5 micron, 2-125 psi w/ Gauge, Relieving	07E34B18AC
1/2"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/ out Gauge, Relieving	07E36A13AC
1/2"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	07E36A18AC
1/2"	Poly Bowl, Metal Guard, Auto Float Drain, 5 micron, 2-125 psi w/ out Gauge, Relieving	07E36B13AC
1/2"	Poly Bowl, Metal Guard, Auto Float Drain, 5 micron, 2-125 psi w/ Gauge, Relieving	07E36B18AC
1/2"	Metal Bowl, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	07E37A13AC

Continued on next page

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com



Compact Filter / Regulators

Ordering Information cont.:

Port Size	Description †	Part Number
1/2"	Metal Bowl, Auto Float Drain, 5 micron, 2-125 psi w/out Gauge, Relieving	07E37B13AC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 micron, 2-125 psi w/ out Gauge, Relieving	07E38A13AC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	07E38A18AC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 micron, 5-250 psi w/ Gauge, Relieving	07E38A21AC
1/2"	Metal Bowl, Sight Gauge, Auto Float Drain, 5 micron, 2-125 psi w/ Gauge, Relieving	07E38B18AC
3/4"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/ out Gauge, Relieving	07E42A13AC
3/4"	Poly Bowl, Metal Guard, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	07E42A18AC
3/4"	Poly Bowl, Metal Guard, Twist Drain, 5 micron, 2-125 psi w/out Gauge, Relieving	07E42B13AC
3/4"	Metal Bowl, Twist Drain, 40 micron, 2-125 psi w/ out Gauge, Relieving	07E43A13AC
3/4"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/ out Gauge, Relieving	07E44A13AC
3/4"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	07E44A18AC
3/4"	Metal Bowl, Sight Gauge, Twist Drain, 5 micron, 5-250 psi w/ out Gauge, Relieving	07E44B15AC
3/4"	Metal Bowl, Sight Gauge, Twist Drain, 5 micron, 2-125 psi w/ Gauge, Relieving	07E44B18AC
3/4"	Metal Bowl, Sight Gauge, Twist Drain, 40 micron, 5-250 psi w/ Gauge, Relieving	07E44B21AC
3/4"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/ out Gauge, Relieving	07E46A13AC
3/4"	Poly Bowl, Metal Guard, Auto Float Drain, 40 micron, 2-125 psi w/ Gauge, Relieving	07E46A18AC
3/4"	Metal Bowl, Auto Float Drain, 40 micron, 2-125 psi w/out Gauge, Relieving	07E47A13AC
3/4"	Metal Bowl, Sight Gauge, Auto Float Drain, 40 micron, 2-125 psi w/ out Gauge, Relieving	07E48A13AC

† For polycarbonate bowl, see caution in Engineering Section A.

NOTE: 2.0 Dia. (50.8 mm) hole required for panel mounting. Max panel thickness 1/4".

 Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Prep-Air® II Products

Filters
Coalescers
Regulators
Filter / Regulators
Lubricators
Combinations
Accessories

Material Specifications

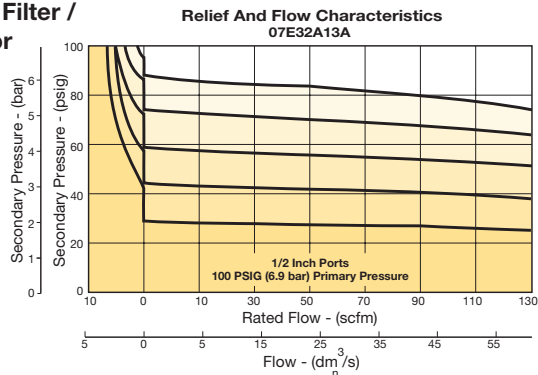
Adjusting stem	Steel
Body	Zinc
Bonnet, internal parts	Plastic
Transparent bowl	Polycarbonate
Metal bowl (with or without sight gauge)	Zinc
Bowl guard	Steel
Collar	Plastic or metal
Diaphragm	Nitrile
Manual twist drain, standard, body & nut	Plastic
Auto float drain, housing, float	Plastic
Auto float drain, seals	Nitrile
Auto float drain, springs, push rod	Stainless steel
Knob	Plastic
40 micron element (standard)	Plastic
5 micron element (optional)	Plastic
Adsorber element (optional)	Activated charcoal
Seals	Nitrile
Sight gauge	Polyamide
Poppet, spring	Stainless
Control, spring	Steel

Repair and Service Kits

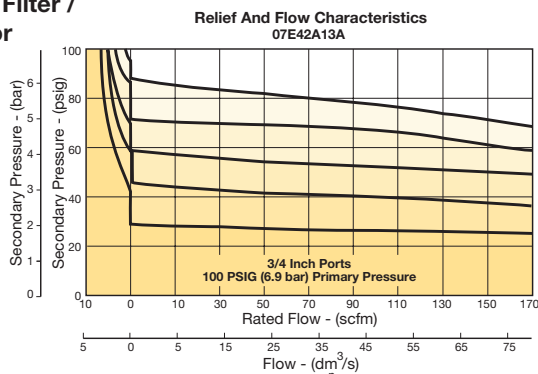
Bonnet assembly kit	PS715P
Bowl guard kit	PS805P
Poly bowl, auto float drain	PS822P
Poly bowl, twist drain	PS832P
Metal bowl, automatic float drain	PS826P
Metal bowl, twist drain	PS834P
Metal bowl, sight gauge / auto drain	PS823P
Metal bowl, sight gauge / twist drain	PS835P
Control knob	P04069B
Auto float drain	PS506P
Twist drain	PS512P
40 micron element	PS801P
5 micron element	PS802P
Adsorber element	PS831P
2" dial face 60 psig (0 to 4.1 bar), gauge	K4520N14060
2" dial face 160 psig (0 to 11.0 bar), gauge	K4520N14160
2" dial face 300 psig (0 to 20.7 bar), gauge	K4520N14300
1-3/4" Digital Round Face 160 psig (0 to 11.0 bar)	K4517N14160D
Mounting bracket kit (includes panel mount nut)	PS807P
Panel mount nut	P04082
Non-relieving (includes poppet)	PS811P
Relieving (includes poppet)	PS810P
Seat insert kit	PS813P
1- 30 psig spring	P01698
1- 60 psig spring	P04062
2- 125 psig spring	P04063
5- 250 psig spring	P04064
Tamperproof kit (key lock)	PS737P

Flow Charts

07E 1/2" Filter / Regulator



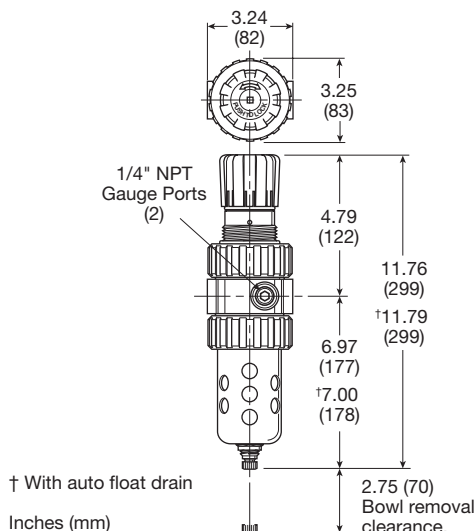
07E 3/4" Filter / Regulator



⚠ 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.



Prep-Air® II Products



Filters

Coalescers

Regulators

Filter / Regulators

Lubricators

Combinations

Accessories

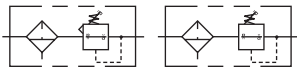


For inventory, lead times, and kit lookup, visit www.pdnplu.com

Coalescing Filter / Regulators

12E Filter / Regulator – Coalescing

- Space saving package offers both coalescer and regulator features for optimal performance
- Removes liquid, aerosol and sub-micron particles
- Rolling diaphragm for extended life
- Removable non-rising knob for panel mounting and tamper resistance
- Quick response, and accurate pressure regulation regardless of changing flow or inlet pressure
- Two high flow 1/4" gauge ports can be used as additional outlets
- 1/2", 3/4" ports (NPT)



Operating information

Supply pressure (max):		
Metal bowl		0 to 250 psig (0 to 17.2 bar)
Operating temperature:		
Metal bowl		32°F to 175°F (0°C to 80°C)
Secondary pressure range:		
Standard		2 to 125 psig (0 to 8.6 bar)
Low		1 to 60 psig (0 to 4.1 bar)
High		5 to 250 psig (0.4 to 17.2 bar)
Flow capacity†:		
High flow	1/2"	40 scfm (18.9 dm ³ /s, ANR)
	3/4"	45 scfm (21.2 dm ³ /s, ANR)
Bowl capacity:		7.2 oz.
Gauge ports (2):		1/4 inch (can be used as additional full flow 1/4" outlet ports)
Sump capacity:		2.8 oz.
Weight:		2.5 lb (1.1 kg)

† scfm = Standard cubic feet per minute at 150 psig inlet, 90 psig no flow secondary setting and 10 psig pressure drop.

Ordering Information:

Port Size	Description ‡	Part Number
1/2"	Metal Bowl, Twist Drain, Grade 6 (0.01), 2-125 psi w/out Gauge, Relieving	12E33E13AA
1/2"	Metal Bowl, Twist Drain, Grade 6 (0.01), 2-125 psi w/ Gauge, Relieving	12E33E18AA
1/2"	Metal Bowl, Auto Float Drain, Grade 6 (0.01), 2-125 psi w/ out Gauge, Relieving	12E37E13AA
1/2"	Metal Bowl, Auto Float Drain, Grade 6 (0.01), 2-125 psi w/ Gauge, Relieving	12E37E18AA
3/4"	Metal Bowl, Twist Drain, Grade 6 (0.01), 2-125 psi w/ Gauge, Relieving	12E43E18AA

‡ For polycarbonate bowl, see caution in Engineering Section A.

NOTE: 2.0 Dia. (50.8 mm) hole required for panel mounting. Max panel thickness 1/4"

 Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

E33

Parker Hannifin Corporation
 Pneumatic Division
 Richland, Michigan
www.parker.com/pneumatics

Prep-Air® II
 Products



Filters

Coalescers

Regulators

Filter /
 Regulators

Lubricators

Combinations

Accessories

Coalescing Filter / Regulators

Material Specifications

Adjusting stem	Steel
Body	Zinc
Bonnet, internal parts	Plastic
Metal bowl (without sight gauge)	Zinc
Collar for bonnet	Metal
Control spring	Steel
Diaphragm	Nitrile
Manual twist drain, standard, body & nut	Plastic
Auto float drain, housing, float	Plastic
Auto float drain, seals	Nitrile
Auto float drain, springs, push rod	Stainless steel
Knob	Plastic
Element	Borosilicate & felt glass fibers
Seals	Nitrile
Sight gauge	Polyamide
Poppet, spring	Stainless

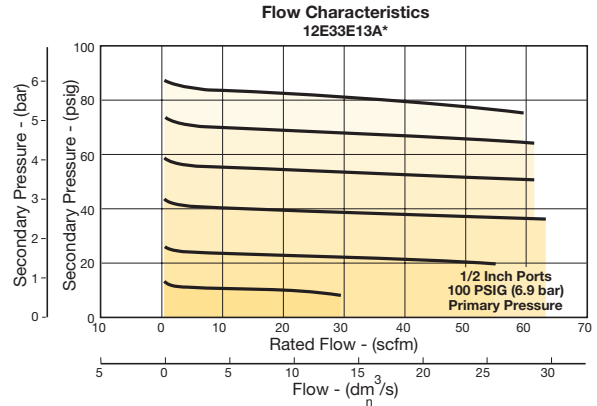
Repair and Service Kits

Bonnet assembly kit	PS715P
Metal bowl, auto float drain	PS826P
Metal bowl, twist drain	PS834P
Control knob	P04069B
Auto float drain	PS506P
Twist drain	PS512P
Grade 6 element (0.01 micron)	PS884P
Grade 10 element (1.0 micron)	PS885P
2" dial face 60 psig (0 to 4.1 bar), gauge	K4520N14060
2" dial face 160 psig (0 to 11.0 bar), gauge	K4520N14160
2" dial face 300 psig (0 to 20.7 bar), gauge	K4520N14300
1-3/4" digital round face	
160 psig (0 to 11.0 bar), gauge	K4517N14160D
Mounting bracket kit (includes panel mount nut)	PS807P
Relieving (includes poppet)	PS886P
1- 30 psig spring	P01698
1- 60 psig spring	P04062
2- 125 psig spring	P04063
5- 250 psig spring	P04064
Tamperproof kit (key lock)	PS737P

Air Preparation Products Prep-Air® II Series

Flow Charts

12E 1/2" Filter / Regulator

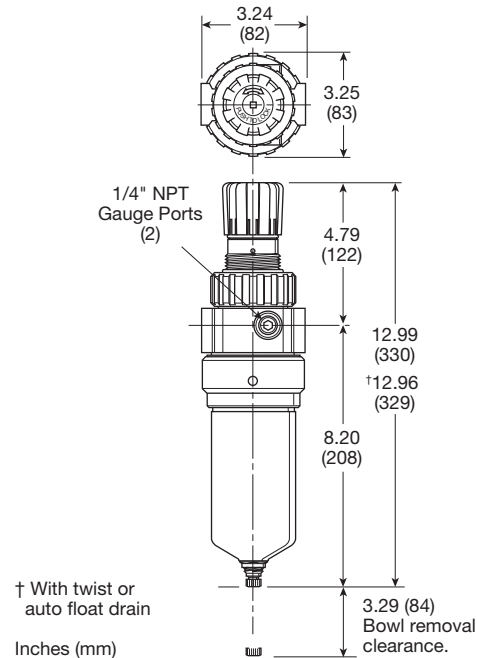


WARNING

**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.



Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Economy Micro-Mist Lubricators

15L Micro-Mist Lubricators – Economy

- Proportional oil delivery over a wide range of air flows
- Generates oil particles of 5 micron or smaller downstream to lubricate systems having complex piping arrangements
- Precision needle valve assures repeatable oil delivery and provides simple adjustment of delivery rate
- Ideal for low and high flow applications with changing air flow
- Transparent sight dome for 360° visibility
- Removable drip control knob for tamper resistance
- Integral 3/8" (NPT)



Operating information		
Supply pressure (max):	150 psig (10.3 bar)	
Plastic bowl		
Operating temperature:	32°F to 125°F (0°C to 52°C)	
Plastic bowl		
Flow capacity†:		
High flow	1/4"	40 scfm (18.9 dm³/s, ANR)
	3/8"	40 scfm (18.9 dm³/s, ANR)
Minimum flow	2 scfm (0.9 dm³/s, ANR) at 100 psig (6.9 bar)	
Bowl capacity:	2.0 oz.	
Weight	1.0 lb (0.45 kg)	
† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.		

Ordering Information:

Port Size	Description ‡	Part Number
3/8"	Poly Bowl, Metal Bowl Guard, No Drain, No Fill Plug	15L22NA

‡ For polycarbonate bowl and sight dome, see caution in Engineering Section A.

Suggested LubricantF442 Oil

Petroleum based oil of 100 to 200 SUS viscosity at 100°F (38°C) and an aniline point greater than 200°F (93°C)
 (DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.)

Most popular.

Prep-Air® II Products

Filters

Coalescers

Regulators

Filter / Regulators

Lubricators

Combinations

Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

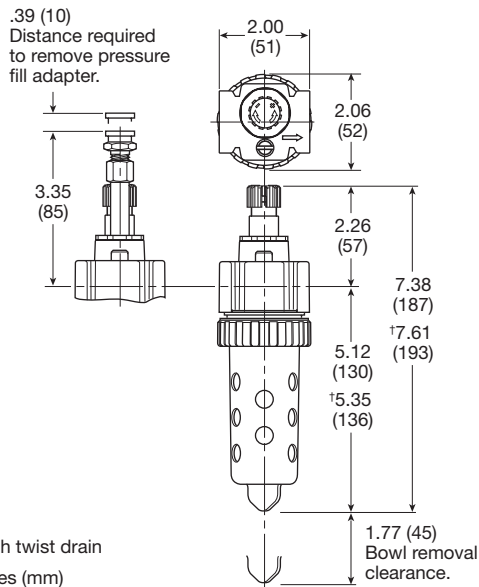
Economy Micro-Mist Lubricators

Material Specifications

Body	Zinc
Transparent bowl	Polycarbonate
Bowl guard	Steel
Collar	Plastic
Drains, twist – body & nut	Plastic
Injector meter block & base assembly	Plastic
Seals	Nitrile
Sight dome	Polycarbonate
Sight gauge	Polyamide (nylon)

Repair and Service Kits

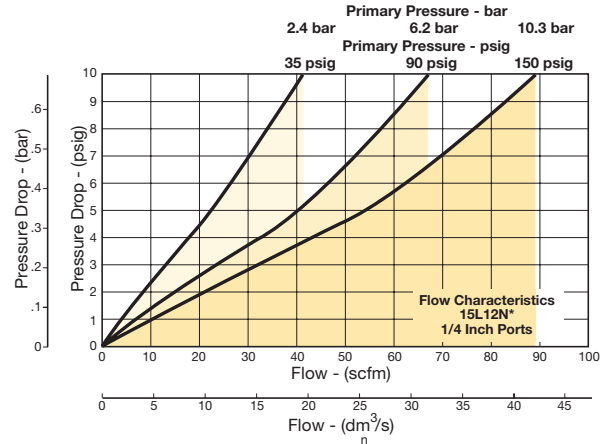
Adjustment knob	P04121
Bowl guard kit	PS905P
Poly bowl, no drain	PS946P
Twist drain	PS512P
Mounting bracket kit	PS943P
Service kit	PS948P
Sight dome kit	PS740P
Sight gauge kit	PS914P
Oil (1 quart)	F442001
Oil (1 gallon)	F442002
Oil (12 quart case)	F442003
Oil (4 gallon case)	F442005



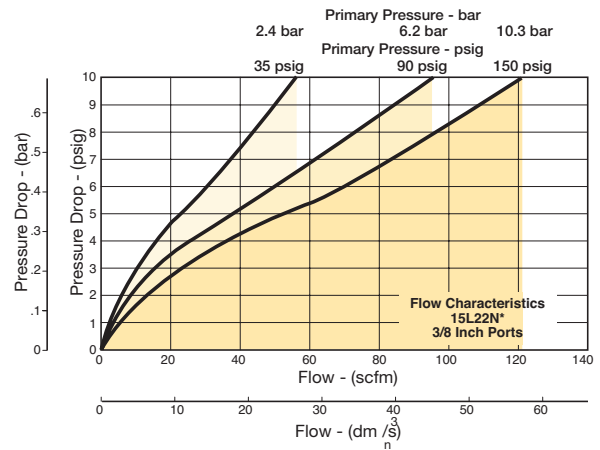
Air Preparation Products Prep-Air® II Series

Flow Charts

15L 1/4" Lubricator



15L 3/8" Lubricator



Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Compact Micro-Mist Lubricators

16L Micro-Mist Lubricators – Compact

- Proportional oil delivery over a wide range of air flows
- Generates oil particles of 5 micron or smaller downstream to lubricate systems having complex piping arrangements
- Precision needle valve assures repeatable oil delivery and provides simple adjustment of delivery rate
- Ideal for low and high flow applications with changing air flow
- Transparent sight dome for 360° visibility
- Yellow fill cap identifies micro-mist lubricator
- Integral 1/4", 3/8", 1/2" (NPT)



Operating information		
Supply pressure (max):		
Plastic bowl		150 psig (10.3 bar)
Metal bowl		250 psig (17.2 bar)
Operating temperature:		
Plastic bowl		32°F to 125°F (0°C to 52°C)
Metal bowl		32°F to 175°F (0°C to 80°C)
Flow capacity†:		
High flow	1/4"	40 scfm (18.9 dm³/s, ANR)
	3/8"	60 scfm (28.3 dm³/s, ANR)
	1/2"	90 scfm (42.5 dm³/s, ANR)
Minimum flow		1 scfm (0.5 dm³/s, ANR) at 100 psig (6.9 bar)
Bowl capacity:		2.6 oz.
Weight:		1.2 lb (0.5 kg)
† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.		

Ordering Information:

Port Size	Description ‡	Part Number
1/4"	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	16L12BE
1/4"	Metal Bowl, Sight Gauge, Twist Drain, With Fill Plug	16L14BE
3/8"	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	16L22BE
3/8"	Metal Bowl, Sight Gauge, Twist Drain, With Fill Plug	16L24BE
1/2"	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	16L32BE
1/2"	Metal Bowl, Sight Gauge, Twist Drain, With Fill Plug	16L34BE

‡ For polycarbonate bowl and sight dome, see caution in Engineering Section A.

Suggested LubricantF442 Oil

Petroleum based oil of 100 to 200 SUS viscosity at 100°F (38°C) and an aniline point greater than 200°F (93°C)
 (DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.)

 Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Prep-Air® II Products

Filters
Coalescers
Regulators
Filter / Regulators
Lubricators
Combinations
Accessories

Compact Micro-Mist Lubricators

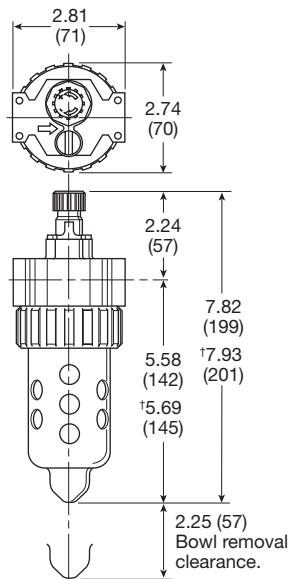
Air Preparation Products Prep-Air® II Series

Material Specifications

Body	Zinc
Transparent bowls	Polycarbonate
Metal bowl (with sight gauge)	Zinc
Bowl guard	Steel
Collar	Plastic
Twist drain – body & nut	Plastic
Injector meter block & base assembly	Plastic
Seals	Nitrile
Sight dome	Polycarbonate
Sight gauge	Polyamide (nylon)

Repair and Service Kits

Adjustment knob	P04121
Bowl guard kit	PS705P
Poly bowl / no drain kit	PS746P
Poly bowl / twist drain kit	PS717P
Poly bowl / pressure fill kit	PS719P
Poly bowl / remote fill kit	PS728P
Metal bowl / sight gauge / twist drain kit	PS729P
Twist drain kit	PS512P
Fill cap kit	PS742P
Lubricator service kit	PS748P
Mounting bracket kit	PS743P
Pressure fill adapter kit	PS716P
Pressure fill button	P11912
Sight dome / fill cap kit	PS739P
Sight dome kit, polycarbonate	PS740P
Sight dome kit, nylon	PS740N
Oil (1 quart)	F442001
Oil (1 gallon)	F442002
Oil (12 quart case)	F442003
Oil (4 gallon case)	F442005

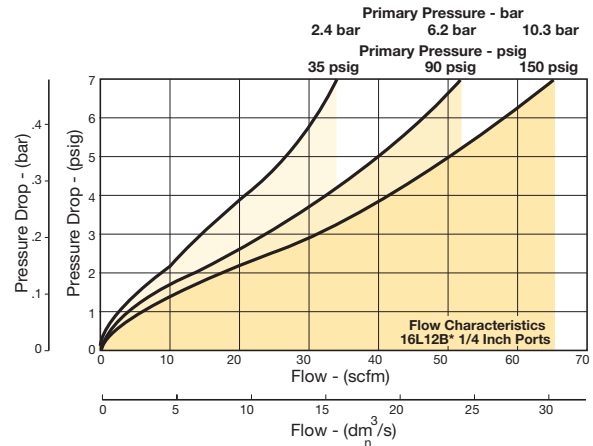


† With twist drain
Inches (mm)

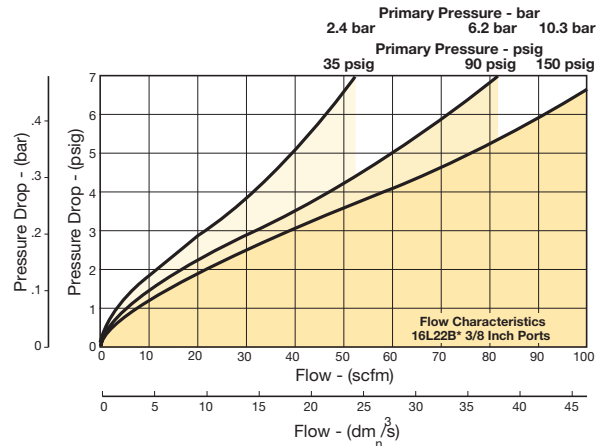
Bowl removal
clearance.

Flow Charts

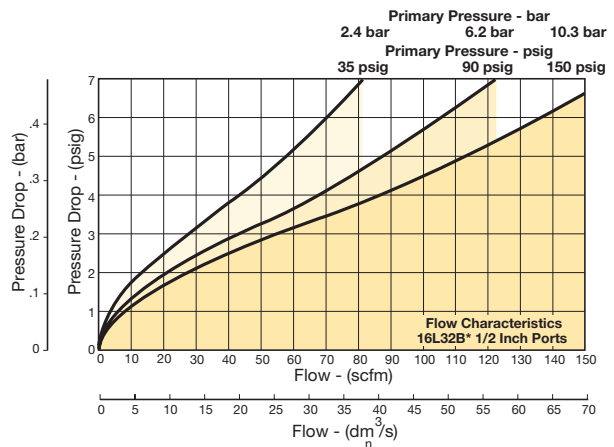
16L 1/4" Lubricator



16L 3/8" Lubricator



16L 1/2" Lubricator



Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories



For inventory, lead times, and kit
lookup, visit www.pdnplu.com

Standard Micro-Mist Lubricators

17L Micro-Mist Lubricators – Standard

- Proportional oil delivery over a wide range of air flows
- Generates oil particles of 5 micron or smaller downstream to lubricate systems having complex piping arrangements
- Precision needle valve assures repeatable oil delivery and provides simple adjustment of delivery rate
- Ideal for low and high flow applications with changing air flow
- Transparent sight dome for 360° visibility
- Yellow fill cap identifies Micro-Mist Lubricator.
- Integral 1/2", 3/4" ports (NPT)



Operating information		
Supply pressure (max):		
Plastic bowl		150 psig (10.3 bar)
Metal bowl		250 psig (17.2 bar)
Operating temperature:		
Plastic bowl		32°F to 125°F (0°C to 52°C)
Metal bowl		32°F to 175°F (0°C to 80°C)
Flow capacity†:		
High flow	1/2"	90 scfm (42.5 dm³/s, ANR)
	3/4"	90 scfm (42.5 dm³/s, ANR)
Minimum flow		1 scfm (0.5 dm³/s, ANR) at 100 psig (6.9 bar)
Bowl capacity:		4.9 oz.
Weight:		1.9 lb (0.9 kg)
† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.		

Ordering Information:

Port Size	Description ‡	Part Number
1/2"	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	17L32BE
1/2"	Metal Bowl, Sight Gauge, Twist Drain, With Fill Plug	17L34BE
1/2"	Poly Bowl, Metal Bowl Guard, Pressure Fill, With Fill Plug	17L36BE
3/4"	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	17L42BE
3/4"	Metal Bowl, Sight Gauge, Twist Drain, With Fill Plug	17L44BE
3/4"	Poly Bowl, Metal Bowl Guard, Pressure Fill, With Fill Plug	17L46BE

‡ For polycarbonate bowl and sight dome, see caution in Engineering Section A.

Suggested LubricantF442 Oil

Petroleum based oil of 100 to 200 SUS viscosity at 100°F (38°C) and an aniline point greater than 200°F (93°C)
 (DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.)

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Prep-Air® II Products
Filters
Coalescers
Regulators
Filter / Regulators
Lubricators
Combinations
Accessories

Standard Micro-Mist Lubricators

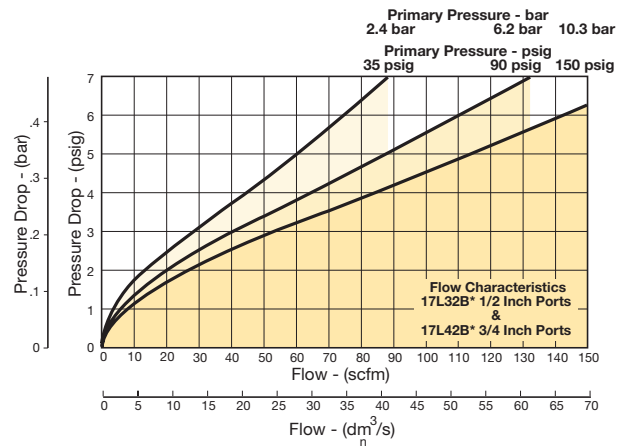
Air Preparation Products Prep-Air® II Series

Material Specifications

Body	Zinc
Transparent bowl	Polycarbonate
Metal bowl (with sight gauge)	Zinc
Bowl guard	Steel
Collar	Plastic or Metal
Twist drain- body & nut	Plastic
Injector meter block & base assembly	Plastic
Seals	Nitrile
Sight dome	Polycarbonate
Sight gauge	Polyamide (nylon)

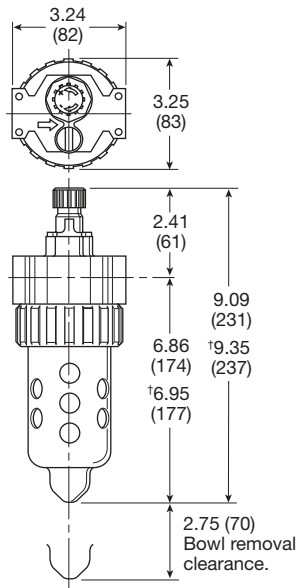
Flow Charts

17L 1/2" & 3/4" Lubricator



Repair and Service Kits

Adjustment knob	P04121
Bowl guard kit	PS805P
Poly bowl / no drain kit	PS846P
Poly bowl / twist drain kit	PS817P
Poly bowl / pressure fill kit	PS819P
Metal bowl / sight gauge / twist drain kit	PS829P
Metal bowl / sight gauge / pressure fill kit	PS820P
Twist drain kit	PS512P
Fill cap kit	PS742P
Lubricator service kit	PS748P
Mounting bracket kit	PS843P
Pressure fill adapter kit	PS716P
Pressure fill button	P11912
Sight dome / fill cap kit	PS739P
Sight dome kit, polycarbonate	PS740P
Sight dome kit, nylon	PS740N
Oil (1 quart)	F442001
Oil (1 gallon)	F442002
Oil (12 quart case)	F442003
Oil (4 gallon case)	F442005



† With twist drain
Inches (mm)

Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Compact Mist Lubricators

06L Mist Lubricators – Compact

- Proportional oil delivery over a wide range of air flows
- Precision needle valve assures repeatable oil delivery and provides simple adjustment of delivery rate
- Bowl can be filled while air line is under pressure
- Transparent sight dome for 360° visibility
- Integral 1/4", 3/8", 1/2" ports (NPT)



Operating information

Supply pressure (max):		
Plastic bowl		150 psig (10.3 bar)
Metal bowl		250 psig (17.2 bar)
Operating temperature:		
Plastic bowl		32°F to 125°F (0°C to 52°C)
Metal bowl		32°F to 175°F (0°C to 80°C)
Flow capacity†:		
High flow	1/4"	40 scfm (18.9 dm³/s, ANR)
	3/8"	60 scfm (28.3 dm³/s, ANR)
	1/2"	90 scfm 42.5 dm³/s, ANR)
Minimum flow		0.5 2 scfm (0.24 dm³/s, ANR) at 100 psig (6.9 bar)
Bowl capacity:		2.9 oz.
Weight:		1.2 lb (0.5 kg)
† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.		

Ordering Information:

Port Size	Description ‡	Part Number
1/4"	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	06L12BE
1/4"	Metal Bowl, Sight Gauge, Twist Drain, With Fill Plug	06L14BE
3/8"	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	06L22BE
3/8"	Metal Bowl, Sight Gauge, Twist Drain, With Fill Plug	06L24BE
1/2"	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	06L32BE
1/2"	Metal Bowl, Sight Gauge, Twist Drain, With Fill Plug	06L34BE
G1/2"	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	06L32BE1

‡ For polycarbonate bowl and sight dome, see caution in Engineering Section A.

Suggested LubricantF442 Oil

Petroleum based oil of 100 to 200 SUS viscosity at 100°F (38°C) and an aniline point greater than 200°F (93°C)
 (DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.)

Most popular.

Prep-Air® II
 Products



Filters

Coalescers

Regulators

Filter /
 Regulators

Lubricators

Combinations

Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Compact Mist Lubricators

Air Preparation Products Prep-Air® II Series

Material Specifications

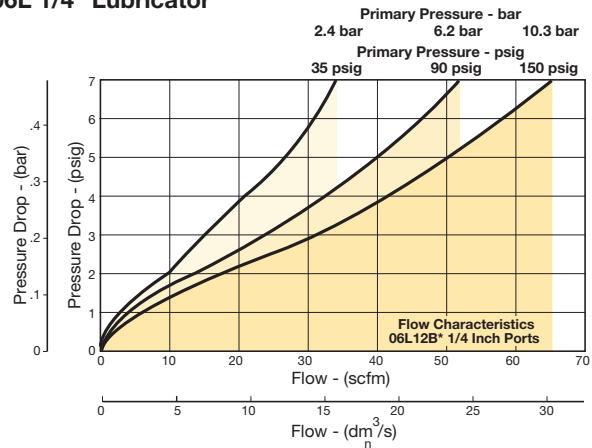
Body	Zinc
Transparent bowl	Polycarbonate
Metal bowl (with sight gauge)	Zinc
Bowl guard	Steel
Collar	Plastic
Twist drain – body & nut	Plastic
Injector meter block & base assembly	Plastic
Seals	Nitrile
Sight dome	Polycarbonate
Sight gauge	Polyamide (nylon)

Repair and Service Kits

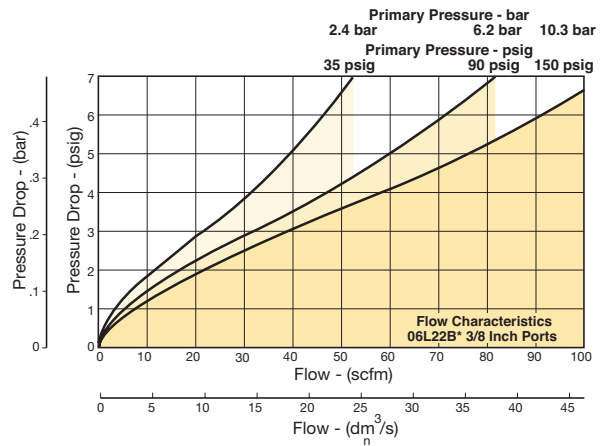
Adjustment knob	P04121
Bowl guard kit	PS705P
Poly bowl / no drain kit	PS746P
Poly bowl / twist drain kit	PS717P
Poly bowl / pressure fill kit	PS719P
Metal bowl / sight gauge / twist drain kit	PS729P
Metal bowl / sight gauge / pressure fill kit	PS720P
Twist drain kit	PS512P
Fill cap kit	PS741P
Lubricator service kit	PS718P
Mounting bracket kit	PS743P
Pressure fill adapter kit	PS716P
Pressure fill button	P11912
Sight dome / fill cap kit	PS738P
Sight dome kit, polycarbonate	PS740P
Sight dome kit, nylon	PS740N
Oil (1 quart)	F442001
Oil (1 gallon)	F442002
Oil (12 quart case)	F442003
Oil (4 gallon case)	F442005

Flow Charts

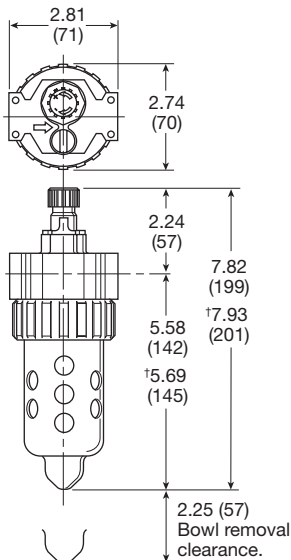
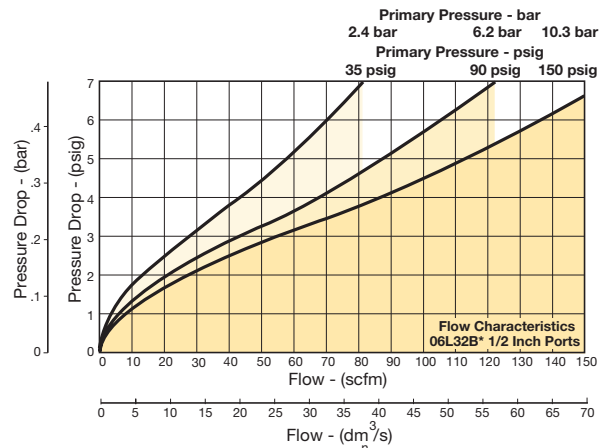
06L 1/4" Lubricator



06L 3/8" Lubricator



06L 1/2" Lubricator



† With twist drain
Inches (mm)

Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Standard Mist Lubricators

07L Mist Lubricators – Standard

- Proportional oil delivery over a wide range of air flows
- Precision needle valve assures repeatable oil delivery and provides simple adjustment of delivery rate
- Bowl can be filled while air line is under pressure
- Transparent sight dome for 360° visibility
- Integral 1/2", 3/4" ports (NPT)



Operating information

Supply pressure (max):		
Plastic bowl		150 psig (10.3 bar)
Metal bowl		250 psig (17.2 bar)
Operating temperature:		
Plastic bowl		32°F to 125°F (0°C to 52°C)
Metal bowl		32°F to 175°F (0°C to 80°C)
Flow capacity†:		
High flow	1/2"	90 scfm (42.5 dm³/s, ANR)
	3/4"	90 scfm (42.5 dm³/s, ANR)
Minimum flow		0.5 2 scfm (0.24 dm³/s, ANR) at 100 psig (6.9 bar)
Bowl capacity:		6.0 oz.
Weight:		1.9 lb (0.9 kg)
† scfm = Standard cubic feet per minute at 90 psig inlet and 5 psig pressure drop.		

Ordering Information:

Port Size	Description ‡	Part Number
1/2"	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	07L32BE
1/2"	Metal Bowl, Sight Gauge, Twist Drain, With Fill Plug	07L34BE
1/2"	Metal Bowl, Sight Gauge, Twist Drain, With Fill Plug	07L34FE
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain, With Fill Plug	07L3NBE
3/4"	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	07L42BE
3/4"	Metal Bowl, Sight Gauge, Twist Drain, With Fill Plug	07L44BE
1/2" BSPP	Poly Bowl, Metal Bowl Guard, No Drain, With Fill Plug	07L32BE1

‡ For polycarbonate bowl and sight dome, see caution in Engineering Section A.

Suggested LubricantF442 Oil

Petroleum based oil of 100 to 200 SUS viscosity at 100°F (38°C) and an aniline point greater than 200°F (93°C)
 (DO NOT USE OILS WITH ADDITIVES, COMPOUNDED OILS CONTAINING SOLVENTS, GRAPHITE, DETERGENTS, OR SYNTHETIC OILS.)

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com



Standard Mist Lubricators

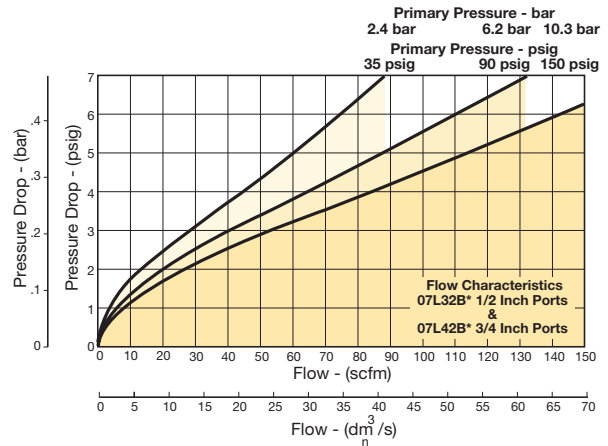
Air Preparation Products Prep-Air® II Series

Material Specifications

Body	Zinc
Transparent bowl	Polycarbonate
Metal bowl (with sight gauge)	Zinc
Bowl guard	Steel
Collar	Plastic or metal
Twist drain – body & nut	Plastic
Injector meter block & base assembly	Plastic
Seals	Nitrile
Sight dome	Polycarbonate
Sight gauge	Polyamide (nylon)

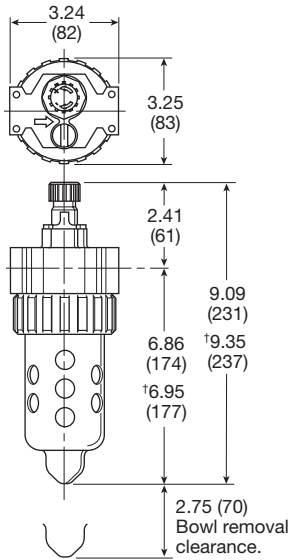
Flow Charts

07L 1/2" & 3/4" Lubricator



Repair and Service Kits

Adjustment knob	P04121
Bowl guard kit	PS805P
Poly bowl / no drain	PS846P
Poly bowl / twist drain	PS817P
Poly bowl / pressure fill	PS819P
Metal bowl / sight gauge / twist drain	PS829P
Metal bowl / sight gauge / pressure fill	PS820P
Twist drain kit	PS512P
Fill cap kit	PS741P
Lubricator service kit	PS718P
Mounting bracket kit	PS843P
Pressure fill adapter kit	PS716P
Pressure fill button	P11912
Sight dome / fill cap kit	PS738P
Sight dome kit, polycarbonate	PS740P
Sight dome kit, nylon	PS740N
Oil (1 quart)	F442001
Oil (1 gallon)	F442002
Oil (12 quart case)	F442003
Oil (4 gallon case)	F442005



† With twist drain
Inches (mm)

Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

Combinations

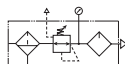
Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

06 Compact, 07 Standard Close Nipped Series Combinations

- Regulator can be mounted with knob in up or down position
- 40 micron filter element standard, 5 micron optional
- Manual twist drain
- Relieving regulator



06A/16G Compact Standard Close Nipped Series Combinations:

Port Size	Filter Bowl Type ‡	Element Type	Relief Type	Pressure Range	Lubricator Bowl Type	Lubricator Type	2-unit / 3-unit	Part Numbers
3/8"	Poly Bowl, Metal Bowl Guard, Twist Drain	40 micron	Relieving	2-125 psi w/out gauge	Poly Bowl, Metal Bowl Guard, No Drain	Mist, With Fill Plug	2-unit	06G22A13A2BC
3/8"	Metal Bowl, Sight Gauge, Twist Drain	40 micron	Relieving	2-125 psi w/out gauge	Metal Bowl, Sight Gauge, Twist Drain	Mist, With Fill Plug	2-unit	06G24A13A4BC
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain	40 micron	Relieving	2-125 psi w/gauge	Poly Bowl, Metal Bowl Guard, No Drain	Mist, With Fill Plug	2-unit	06G32A18A2BC
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain	40 micron	Relieving	2-125 psi w/gauge	Poly Bowl, Metal Bowl Guard, No Drain	Micro-Mist, With Fill Plug	3-unit	16G32A18A2BC

07A/17G Standard Close Nipped Series Combinations:

Port Size	Filter Bowl Type ‡	Element Type	Relief Type	Pressure Range	Lubricator Bowl Type	Lubricator Type	2-unit / 3-unit	Part Numbers
1/2"	Metal Bowl, Twist Drain	40 micron	Relieving	2-125 psi w/out gauge	Metal Bowl, Sight Gauge, Twist Drain	Micro-Mist, With Fill Plug	2-unit	17G33A13A4BD
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain	40 micron	Relieving	2-125 psi w/out gauge	Poly Bowl, Metal Bowl Guard, No Drain	Mist, With Fill Plug	3-unit	07A32A13A2BD
1/2"	Metal Bowl, Twist Drain	40 micron	Relieving	2-125 psi w/gauge	Metal Bowl, Sight Gauge, Twist Drain	Mist, With Fill Plug	3-unit	07A33A18A4BD
3/4"	Poly Bowl, Metal Bowl Guard, Twist Drain	40 micron	Relieving	2-125 psi w/out gauge	Poly Bowl, Metal Bowl Guard, No Drain	Mist, With Fill Plug	3-unit	07A42A13A2BD
3/4"	Poly Bowl, Metal Bowl Guard, Twist Drain	40 micron	Relieving	2-125 psi w/gauge	Poly Bowl, Metal Bowl Guard, No Drain	Mist, With Fill Plug	3-unit	07A42A18A2BD
3/4"	Poly Bowl, Metal Bowl Guard, Auto Float Drain	5 micron	Relieving	2-125 psi w/gauge	Poly Bowl, Metal Bowl Guard, No Drain	Mist, With Fill Plug	3-unit	07A46B18A2BD



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.

Most popular.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Prep-Air® II Products



Filters

Coalescers

Regulators

Filter / Regulators

Lubricators

Combinations

Accessories

Ordering Information:

Reference Only
(See discrete part list)

Series	16A	1	2	A	13	A	2	B	C
Micro-Mist Compact, 3-Unit	16A								
Micro-Mist Compact, 2-Unit	16G								
Micro-Mist Standard, 2-Unit	17G								
Mist Compact, 3-Unit	06A								
Mist Standard, 3-Unit	07A								
Mist Compact, 2-Unit	06G								

Engineering Level	
C	06A, 16A, 06G, 16G Current
D	07A, 17A, 07G, 17G Current

Lubricator Body Options	
B	With Fill Plug

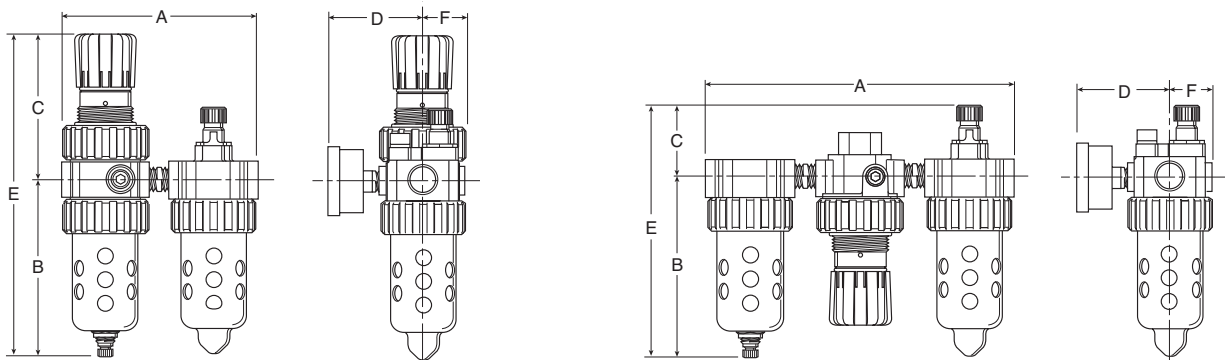
Port Size	
1/4 Inch	1
3/8 Inch (06/16)	2
1/2 Inch	3
3/4 Inch (07/17)	4

Filter Bowl Options	
Poly Bowl, Metal Bowl Guard, Twist Drain	2
Poly Bowl, Metal Bowl Guard, Auto Float Drain	6
Metal Bowl, Twist Drain	3
Metal Bowl, Sight Gauge, Auto Float Drain	4

Relief	
A	Relieving

Pressure Range			
Without Gauge		With Gauge	
13	125 psig	18	125 psig

Filter Element	
40 Micron	A
5 Micron	B



06G, 16G Series

A	B	C	D	E	F
6.13 (156)	5.69 (145)	4.69 (119)	3.18 (81)	10.38 (264)	1.37 (35)

06A, 16A Series

A	B	C	D	E	F
9.45 (240)	5.69 (145)	2.24 (57)	3.18 (81)	7.93 (201)	1.37 (35)

07G, 17G Series

A	B	C	D	E	F
6.99 (178)	6.97 (177)	4.79 (122)	3.44 (87)	11.76 (299)	1.63 (41)

07A, 17A Series

A	B	C	D	E	F
10.74 (2738)	6.97 (177)	2.41 (61)	3.44 (87)	9.38 (238)	1.63 (41)

Inches (mm)
• All dimensions nominal.

Inches (mm)
• All dimensions nominal.

Prep-Air® II Products
 Filters
 Coalescers
 Regulators
 Filter / Regulators
 Lubricators
 Combinations
 Accessories

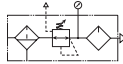


For inventory, lead times, and kit lookup, visit www.pdnplu.com

Modular Combinations

07 Standard Modular Series Combinations

- Regulator can be mounted with knob in up or down position
- 40 micron filter element standard, 5 micron optional
- Manual twist drain
- Relieving regulator



07B/17B/17H Standard Modular Series Combinations:

Port Size	Filter Bowl Type ‡	Element Type	Relief Type	Pressure Range	Lubricator Bowl Type	Lubricator Type	2-unit / 3-unit	Modular Options	Part Numbers
3/4"	Metal Bowl, Sight Gauge, Twist Drain	5 micron	Relieving	5-250 psi w/ gauge	Metal Bowl, Sight Gauge, Twist Drain	Micro-Mist, With Fill Plug	2-unit		17H44B21A4BD
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain	40 micron	Relieving	2-125 psi w/out gauge	Poly Bowl, Metal Bowl Guard, No Drain	Mist, With Fill Plug	3-unit		07B32A13A2BD
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain	40 micron	Relieving	2-125 psi w/ gauge	Poly Bowl, Metal Bowl Guard, No Drain	Mist, With Fill Plug	3-unit	W/ Mounting Bracket	07B32A18A2BDW
1/2"	Metal Bowl, Twist Drain	40 micron	Relieving	5-250 psi w/ gauge	Metal Bowl, Twist Drain	Mist, With Fill Plug	3-unit		07B33A21A3BD
3/4"	Metal Bowl, Twist Drain	40 micron	Relieving	2-125 psi w/ gauge	Metal Bowl, Sight Gauge, Twist Drain	Mist, With Fill Plug	3-unit	W/ Mounting Bracket	07B43A18A4BDW
1/2"	Poly Bowl, Metal Bowl Guard, Twist Drain	40 micron	Relieving	2-125 psi w/ gauge	Poly Bowl, Metal Bowl Guard, No Drain	Micro-Mist, With Fill Plug	3-unit		17B32A18A2BD
3/4"	Poly Bowl, Metal Bowl Guard, Twist Drain	40 micron	Relieving	2-125 psi w/ gauge	Poly Bowl, Metal Bowl Guard, No Drain	Micro-Mist, With Fill Plug	3-unit		17B42A18A2BD

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.

Most popular.



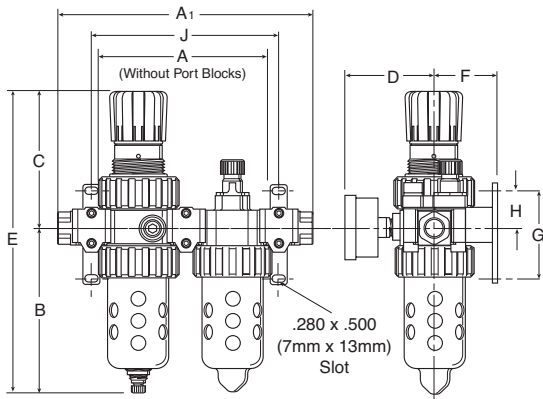
For inventory, lead times, and kit lookup, visit www.pdnplu.com

Prep-Air® II Products
Filters
Coalescers
Regulators
Filter / Regulators
Lubricators
Combinations
Accessories

Ordering Information:

Reference Only
(See discrete part list)

Series	Micro-Mist Standard, 3-Unit 17B	Micro-Mist Standard, 2-Unit 17H	Mist Standard, 3-Unit 07B
Port Size	1/4 Inch (06/16) 1	3/8 Inch 2	1/2 Inch (06/16 with Port Blocks) 3
	3/4 Inch (07/17) 4		
Filter Bowl Options	Poly Bowl, Metal Bowl Guard, Twist Drain 2		
	Metal Bowl, Twist Drain 3		
	Metal Bowl, Sight Gauge, Auto Float Drain 4		
Filter Element	40 Micron A		
	5 Micron B		
Pressure Range	Without Gauge		With Gauge
	13	125 psig	18 125 psig
	15*	250 psig	21* 250 psig
* Only available on metal bowl.			
Engineering Level	07B, 17B, D 07H, 17H Current		
Lubricator Body Options	B With Fill Plug		
Lubricator Bowl Options	2 Poly Bowl, Metal Bowl Guard, No Drain		
	4 Metal Bowl, Sight Gauge, Twist Drain		
Relief	A Relieving		
Modular Options	Blank No Port Blocks		
	W With Mounting Bracket		



06H, 16H Series (Reference Only)

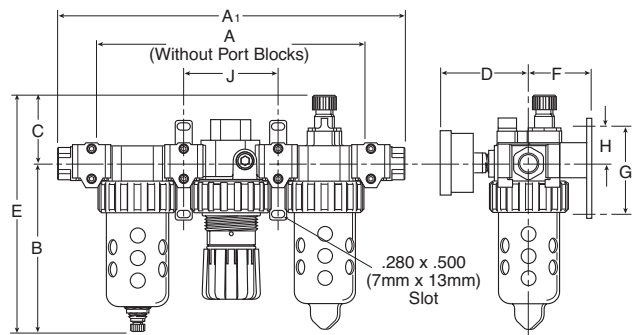
A	A1	B	C	D	E	F	G	H	J
6.10	9.04	5.69	4.69	3.18	10.38	2.00	3.58	1.40	6.65
(155)	(230)	(145)	(119)	(81)	(264)	(51)	(91)	(36)	(169)

07H, 17H Series

A	A1	B	C	D	E	F	G	H	J
7.00	10.28	6.97	4.79	3.44	11.76	2.09	3.58	1.40	7.51
(178)	(261)	(177)	(122)	(87)	(299)	(53)	(91)	(36)	(191)

Inches (mm)

• All dimensions nominal.



06B, 16B Series (Reference Only)

A	A1	B	C	D	E	F	G	H	J
9.46	12.39	5.69	2.24	3.18	7.93	2.00	3.58	1.40	3.33
(240)	(315)	(145)	(57)	(81)	(202)	(51)	(91)	(36)	(85)

07B, 17B Series

A	A1	B	C	D	E	F	G	H	J
10.75	14.03	6.97	2.41	3.44	9.38	2.18	3.58	1.40	3.76
(273)	(356)	(177)	(61)	(87)	(238)	(55)	(91)	(36)	(95)

Inches (mm)

• All dimensions nominal.



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Modular Accessories

Service Kits

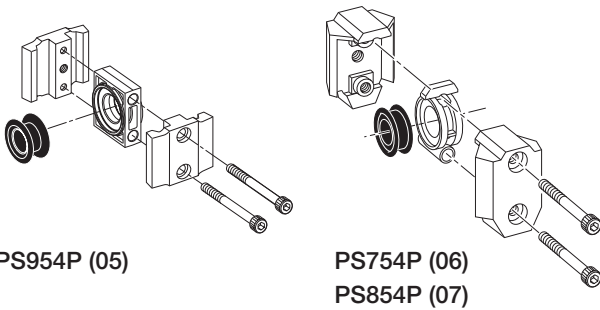
Body connector, (05 series)	PS954P
Body connector, (06 series)	PS754P
Body connector, (07 series)	PS854P
Wall mounting kits (05 series)	PS955P
Wall mounting kits (06 & 07 series)	PS755P
Lockout valves, (06 series)	PS756P
Lockout valves, (07 series)	PS856P
Modular manifold block 3/8" port, (06 series)	PS757P
Modular manifold block 1/2" port, (07 series)	PS857P

Body Connectors

Body connectors allow you to easily assemble and disassemble modular combinations.

Body connectors are required whenever you assemble two or more pieces together.

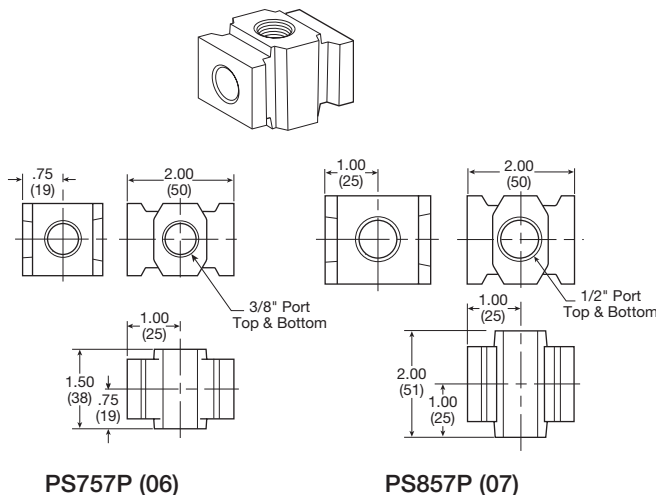
Each kit includes one set.



Modular Manifold Block

A modular manifold block can be used between any two modular units to give additional outlet ports. The manifold block provides 2 additional outlets in 3/8" and 1/2" sizes. Any standard pipe plug can be used to close off unused ports.

NOTE: Body connectors are not supplied with manifold blocks.

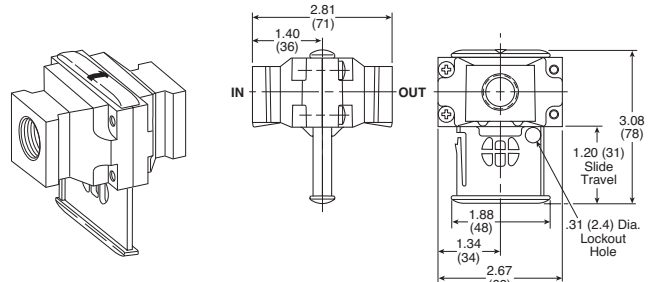


Air Preparation Products Prep-Air® II Series

Lockout Valves

Lockout Valves provide positive shut-off and exhaust capability to isolate Modular units so they can be easily removed from the line and can be locked in a closed position. Center position can be used as a slow start. Accepts #3 padlock.

NOTE: Body connectors are not supplied with lockout valves.

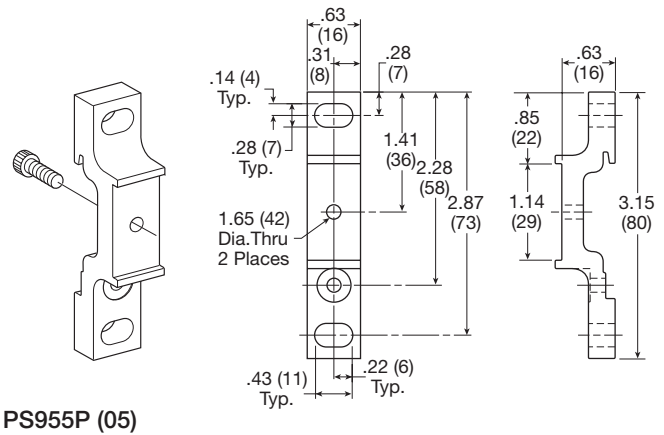


Wall Mounting Kits

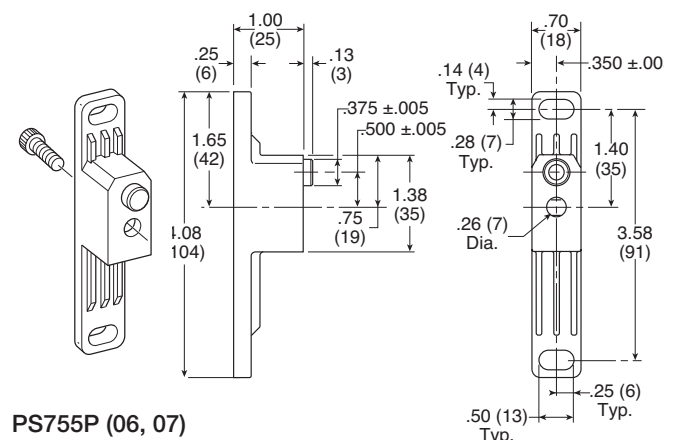
Wall mounting kits are available for mounting your modular assemblies and can be assembled and used with any standard body connector set.

Since modular combinations are always identical in size, you can predrill for wall mounting on your equipment.

Kit includes 1 assembly.



PS955P (05)



PS755P (06, 07)

Prep-Air® II
Products



Filters

Coalescers

Regulators

Filter /
Regulators

Lubricators

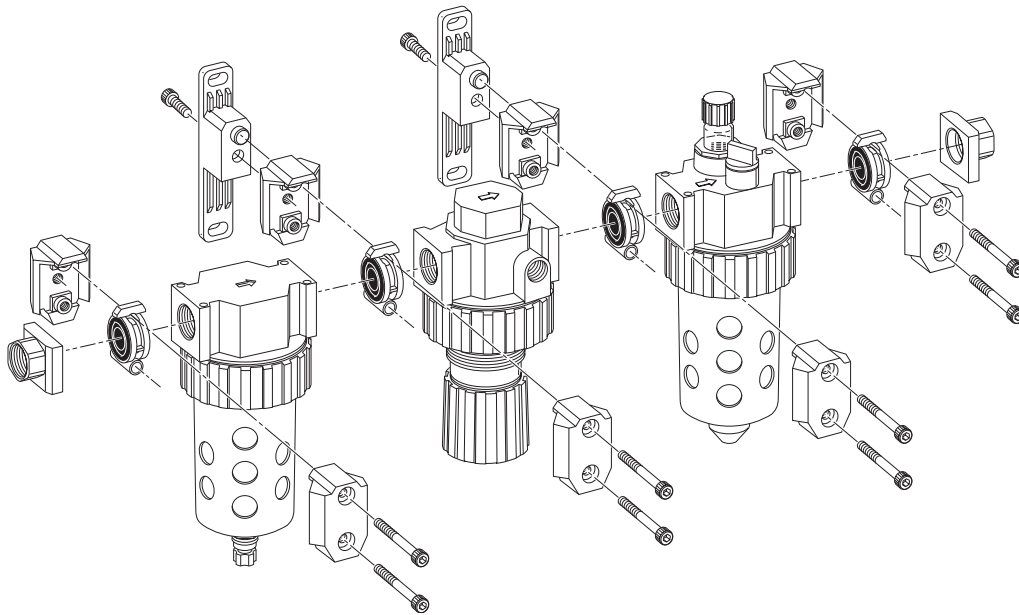
Combinations

Accessories



For inventory, lead times, and kit lookup, visit www.pdnplu.com

Modular Accessories – 06 Compact & 07 Standard Series



Port Block Connector Kits

06 Series

1/4" Port block kits, NPT	PS750P
1/4" Port block kits, BSPP	PS765P †
3/8" Port block kits, NPT	PS751P
3/8" Port block kits, BSPP	PS766P †
1/2" Port block kits, NPT	PS752P*
1/2" Port block kits, BSPP	PS767P* †

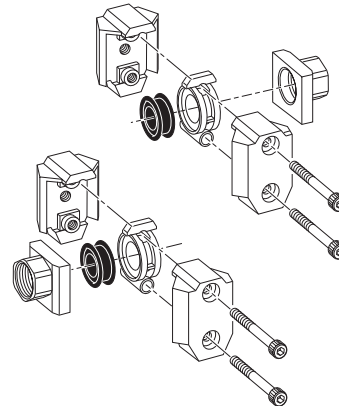
07 Series

1/4" Port block kits, NPT	PS850P
1/4" Port block kits, BSPP	PS865P
3/8" Port block kits, NPT	PS851P
3/8" Port block kits, BSPP	PS866P
1/2" Port block kits, NPT	PS852P
1/2" Port block kits, BSPP	PS867P ‡
3/4" Port block kits, NPT	PS853P
3/4" Port block kits, BSPP	PS860P

* Use 1/4 or 3/8 ported bodies.

† 1/4, 3/8 & 1/2 inch meet ISO 1179-1 Standard.

‡ 1/2 inch meets ISO 1179-1 Standard.



Port block connectors allow you to make threaded port connections to modular units and are available in various port sizes to match your system requirements.

Each kit includes all the necessary pieces to make two port connections.

Prep-Air® II
 Products



Filters

Coalescers

Regulators

Filter /
 Regulators

Lubricators

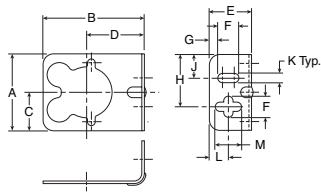
Combinations

Accessories

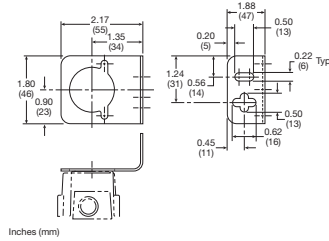


For inventory, lead times, and kit lookup, visit www.pdnplu.com

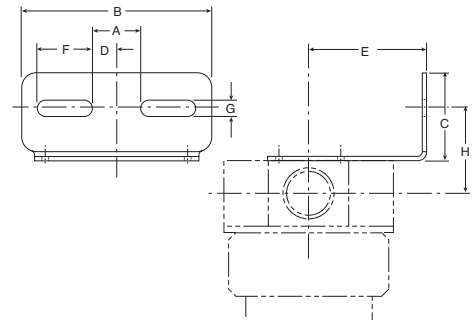
Mounting Bracket Kits



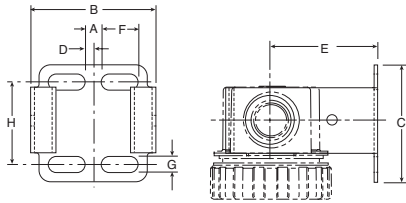
PS417BP
 (Includes Panel Mount Nut)



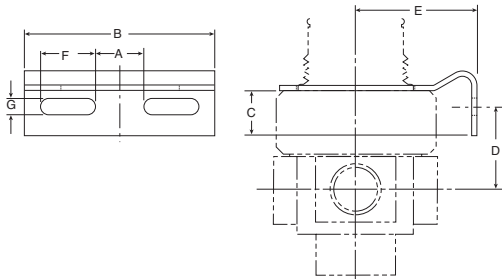
PS419
 (Includes Panel Mount Nut)



PS743P, PS843P

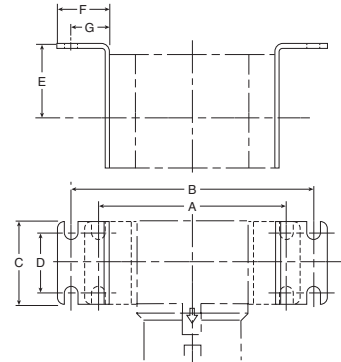


PS943P



PS707P & PS807P
 (Includes Panel Mount Nut)

PS963P
 (Includes Aluminum Panel Mount Nut)



P3NKA00MW

Dimensions

A	B	C	D	E	F	G	H	J	K	L	M	Kit
1.80 (46)	2.37 (60)	0.90 (23)	1.35 (34)	1.00 (25)	0.50 (13)	0.20 (5)	1.24 (31)	0.56 (14)	0.22 (6)	0.45 (11)	0.62 (16)	PS417BP (10F, 14F, P3A, 14R, 14E)
1.80 (46)	2.17 (55)	0.90 (23)	1.35 (34)	1.00 (25)	0.50 (13)	0.20 (5)	1.24 (31)	0.56 (14)	0.22 (6)	0.45 (11)	0.62 (16)	PS419 (04L)
0.84 (21)	3.25 (83)	1.50 (38)	0.42 (11)	2.00 (51)	0.94 (24)	0.28 (7)	1.44 (37)	—	—	—	—	PS743P (06F, 11F, 06L, 16L)
1.00 (25)	3.94 (100)	1.57 (40)	0.50 (13)	2.19 (56)	1.25 (32)	0.28 (7)	1.68 (43)	—	—	—	—	PS843P (07F, 12F, 07L, 17L)
0.28 (7)	2.12 (54)	2.00 (51)	0.14 (4)	1.85 (47)	0.63 (16)	0.28 (7)	1.41 (36)	—	—	—	—	PS943P (05F, 15F, 15L)
0.84 (21)	2.59 (66)	0.49 (12)	1.02 (26)	1.85 (47)	0.61 (15)	0.28 (7)	—	—	—	—	—	PS963P (05R, 10R, 05E, 27E)
0.84 (21)	3.26 (83)	0.77 (20)	1.46 (37)	2.00 (51)	0.94 (24)	0.28 (7)	—	—	—	—	—	PS707P (06R, 06E, 11R)
1.00 (25)	3.94 (100)	0.65 (17)	1.68 (43)	2.19 (56)	1.25 (32)	0.28 (7)	—	—	—	—	—	PS807P (07R, 07E, 12R)
6.22 (158)	8.19 (208)	2.75 (70)	1.97 (50)	2.36 (60)	1.77 (45)	1.30 (33)	—	—	—	—	—	P3NKA00MW (P3NF, P3NR, P3NE, P3NL)

inches (mm)

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