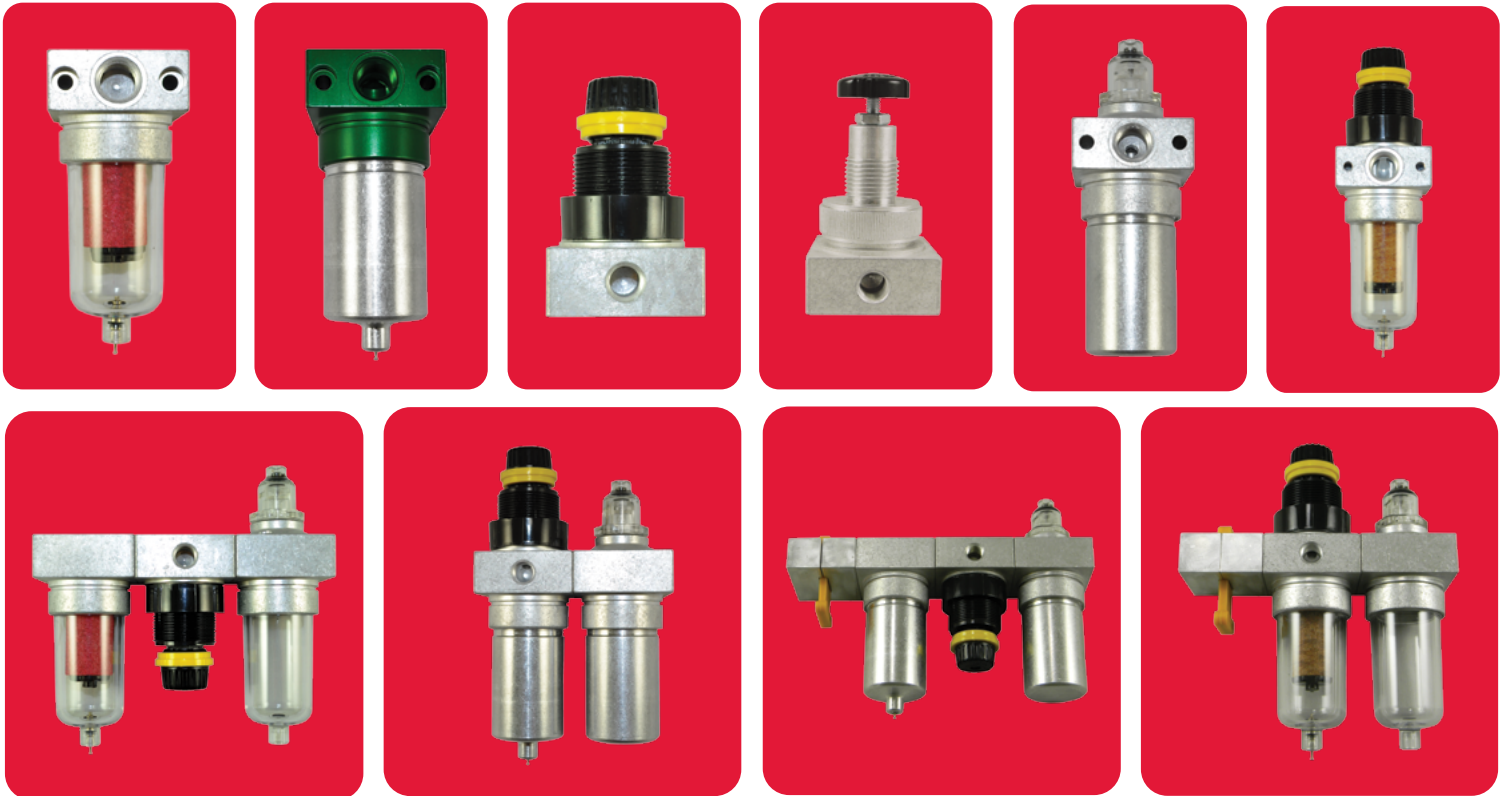


M3000 SERIES

AIR PREPARATION PRODUCTS



Where Custom Solutions Become Standard.

TABLE OF CONTENTS

Introduction

1

M204-3000 Miniature Series Particulate Filter

2

M204-3009 Miniature Series Coalescing Filters

3

M101-3000/M111-3000/M102-3000 Miniature Series Regulators

4

M305-3000 Miniature Series Lubricators

5

M3000 Miniature Series Particulate Filter/Regulators

6

M3009 Miniature Series Coalescing Filter/Regulators

7

Modular Combinations

8 - 9

Accessories: Lockout Valves, Mounting, Modular/Connector Kits

10

WARRANTY: Monnier, Inc. warrants each product against defects in material and workmanship for a period of one year from the date of manufacture providing its use was in accordance with Monnier, Inc. recommendations. If the product fails to perform as warranted, Monnier, Inc. will, at its option, repair or replace the product free of charge. The company will not be liable for incidental or consequential damages. We make no other warranty, expressed or implied, including warranties of merchantability or fitness for a particular purpose.

M3000 SERIES

AIR PREPARATION PRODUCTS

Monnier introduces its M3000 Series of air preparation products to add modular connectivity to its robust line of miniature FRLs. The existing 3000 series of filters, regulators and lubricators have been the gold standard for performance in the miniature air preparation market for years. The new M3000 series offers the same performance, reliability and durability while adding aesthetic appeal and modular connectivity.

Highlights of the M3000 series include:

- Nipple free connections between components
- Space savings for tight envelope sizes
- Connections without any additional brackets or hardware
- Tie rod connectors ensure zero leaks between components
- Same accuracy, repeatability and responsiveness as 101-3000 series
- Available in all metal construction for harsh applications
- Variety of bonnets, bowls, pressure ranges and elements available as in our standard 3000 series
- Coalescing filters now available with carbon elements

HOW TO ORDER

A variety of standard combinations are available (please see page 9)



For any other combinations, please use the following logic:

M0213-3000-2

Bowl Type —
Lubricator Flow —
Element (Particulate Only) —
Pipe Size —

[0 = slide valve
2 = particulate filter
1 = regulator (10-130 PSI)
3 = lubricator

B = particulate filter/regulator w/ poly bonnet

C = particulate filter/regulator w/ aluminum bonnet

For any combinations not able to be put together using the logic below:

MA3000-X

X=Number of assemblies

Then list the assemblies to be put together in order. For example, to order a four piece assembly, first list MA3000-4 on your purchase order, then list the items to be included in it, in order:

MA3000-4
204-3202-2D
204-3209-2
101-3000-2
305-3200-2

PARTICULATE FILTERS: M204-3000 Miniature Series



Manual Drain



Automatic Drain

Features

- Dense pack element design ensures long element life with minimal pressure drop
- Threaded bowl for ease of maintenance
- 20 micron element standard (10 and 5 micron elements available)
- Manual drain standard; impulse drain available

Operating Specifications

Bowl Capacity: 1 oz.

Maximum Pressure Ratings:

- Aluminum Bowl: 250 PSIG
- Polycarbonate Bowl: 150 PSIG

Temperature Ratings:

- Aluminum Bowl: 0-200°F
- Polycarbonate Bowl: 0-120°F

Accessories & Kits

Bowl Kit w/ Manual Drain

Polycarbonate: 23520 Aluminum: 23533

Bowl Kit w/ Impulse Drain

Polycarbonate: 23521 Aluminum: 23534

Elements:

- 20 Micron: 23004
- 10 Micron: 23025
- 5 Micron: 23040

Materials of Construction

Head: Machined Aluminum

Bowl: Polycarbonate or Machined Aluminum

Whirl Disc: Acetal

Element Retainer: Celanese

Elements:

- Phenolic Impregnated Cellulose (20 & 10 Micron)
- Polypropylene (5 Micron)

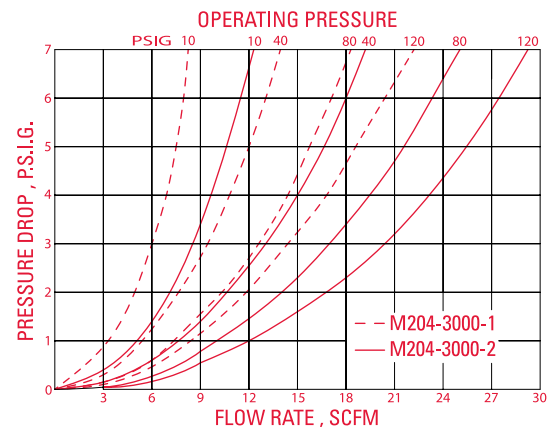
Seals: Buna-N (Fluorocarbon available)

Drain:

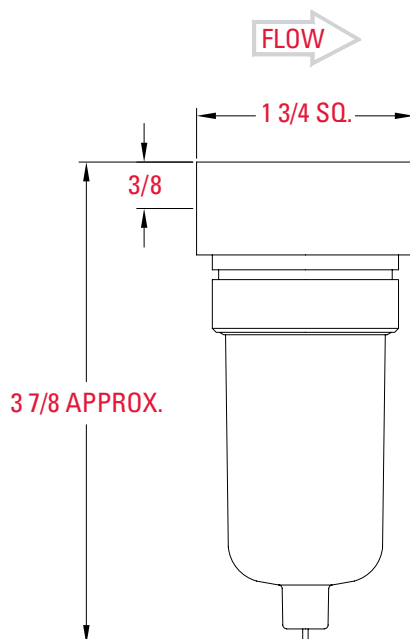
- Manual: Brass and Stainless Steel
- Impulse: Aluminum and Brass

Bowl Guard: Stainless Steel

Flow Characteristics



Dimensions



Ordering Information

M204-3000-2

Bowl Type	
Polycarbonate	0
Polycarbonate w/ Bowl Guard	1
Metal	2

Elements	
20 Micron	0
10 Micron	1
5 Micron	2

Pipe Size	
1/8"	1
1/4"	2

OPTIONS

Anodizing

No Anodizing	Blank
Blue	A1
Black	A2
Clear	A3
Green	A4
Red	A5
Yellow	A6
Gold	A7
Purple	A8

Drain

Manual (Standard)	Blank
Impulse	D

Seals

Buna-N (Standard)	Blank
Fluorocarbon (Viton)	V

COALESCING FILTERS: M204-3009 Miniature Series



Features

- Removes liquid and sub-micron solids
- 0.3 Micron element removes 99.97% of all liquid and dirt from air
- 0.01 Micron element removes 99.995% of all liquid and dirt from air
- Available with manual or impulse drain
- Threaded components for ease of maintenance
- Green anodized housing (other colors available)
- Now available with carbon adsorbing element

Operating Specifications

Bowl Capacity: 1 oz.

Maximum Pressure Ratings:

- Aluminum Bowl: 250 PSIG
- Polycarbonate Bowl: 150 PSIG

Temperature Ratings:

- Aluminum Bowl: 0-200°F
- Polycarbonate Bowl: 0-120°F



Manual Drain



Automatic Drain

Accessories & Kits

Polycarbonate Bowl Kit w/ Standard Drain: 23520

Aluminum Bowl Kit w/ Manual Drain: 23533

Polycarbonate Bowl Kit w/ Impulse Drain: 23521

Aluminum Bowl Kit w/ Impulse Drain: 23534

Elements:

0.3 Micron: 23543

0.01 Micron: 23592

Carbon: 23758

Materials of Construction

Head: Anodized Machined Aluminum

Bowl: Polycarbonate or Machined Aluminum

Element Shield: Polycarbonate

Element Retainer: Celonese

(Polypropylene available)

Element: Borosilicate Glass Fiber

Seals: Buna-N (Fluorocarbon available)

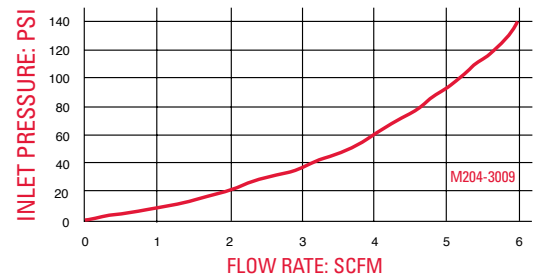
Drain:

- Manual: Nickel Plated Brass

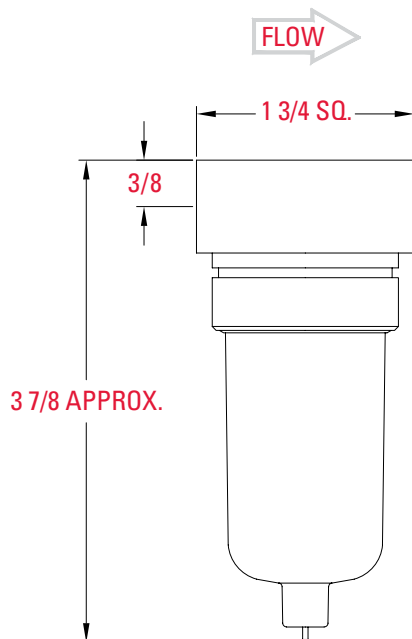
- Impulse: Machined Aluminum and Brass

Bowl Guard: Stainless Steel

Flow Characteristics



Dimensions



Ordering Information

M204-3009-2

Bowl Type	
Polycarbonate	0
Polycarbonate w/ Bowl Guard	1
Metal	2

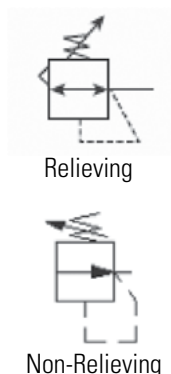
Elements	
0.3 micron	9
0.01 micron	8
Carbon	7

Pipe Size	
1/8"	1
1/4"	2

OPTIONS

Anodizing	
Green (Standard)	Blank
Blue	A1
Black	A2
Clear	A3
Red	A5
Yellow	A6
Gold	A7
Purple	A8
Drain	
Manual	Blank
Impulse	D
Seals	
Buna-N (Standard)	Blank
Fluorocarbon (Viton)	V

REGULATORS: M101-3000/M111-3000/M102-3000 Miniature Series



Features

- Machined aluminum body provides close tolerances for exceptional accuracy, repeatability and responsiveness
- Available with polycarbonate bonnet with locking ring or aluminum bonnet and locking nut
- Diaphragm style regulator for minimal hysteresis and greater accuracy and responsiveness
- Constant bleed fitting available for even greater accuracy
- Relieving and non-relieving versions available
- Gauge port plugs included
- Preset and tamperproof options available

Materials of Construction

Body: Machined Aluminum or Brass

Bonnet: 101-3000: Polycarbonate

111/102-3000: Aluminum

Adjustment Screw:

101-3000: Black Oxide Coated Steel

111/102-3000: Zinc Plated Steel (102 series)

Poppet Seat: Nylon

Diaphragm Assembly: Zinc Plated Steel, Brass, Buna-N (Fluorocarbon available)

Seals: Buna-N (Fluorocarbon available)

Poppet Spring: Stainless Steel

Compression Spring: Music Wire, Spring Steel

Bracket: Zinc Plated Steel

Panel Nut: Machined Aluminum

Operating Specifications

Gauge Ports: 1/8" NPT

Maximum Inlet Pressure: 250 PSIG

Temperature Range: 0-175°F

Weight: 87 g

Accessories & Kits

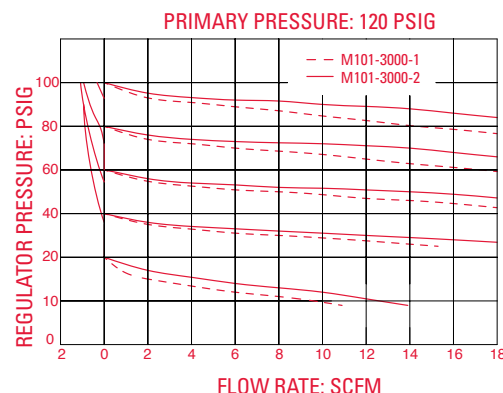
Panel Nuts: 13133 (101-3000 Series);
13025 (111/102-3000 Series)

Bracket Kits: 13536 (101-3000 Series);
13534 (111/102-3000 Series)

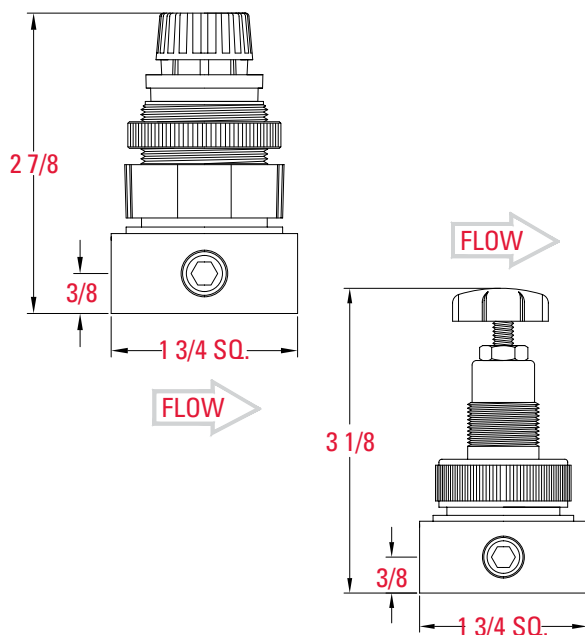
Service Kits: 13532 (Relieving);
13533 (Non-Relieving)

Constant Bleed Fitting: 13520

Flow Characteristics



Dimensions



Ordering Information

M101-3000-2

Bonnet	
Polycarbonate	01
Aluminum w/ Adjusting Screw	11
Aluminum w/ Knob	02

Gauge Ports	
Yes	0
No	1

Pressure	
10-130 Relieving	00
10-130 Non-Relieving	01
5-60 Relieving	02
5-60 Non-Relieving	03
3-30 Relieving	04
3-30 Non-Relieving	05
20-250 Relieving	06
(Aluminum Bonnet Only)	06
20-250 Non-Relieving	07
(Aluminum Bonnet Only)	07
1-10 Relieving	08
1-10 Non-Relieving	09

Pipe Size	
1/8"	1
1/4"	2

OPTIONS

Anodizing

No Anodizing	Blank
Blue	A1
Black	A2
Clear	A3
Green	A4
Red	A5
Yellow	A6
Gold	A7
Purple	A8

Seals

Buna-N	Blank
Fluorocarbon	V

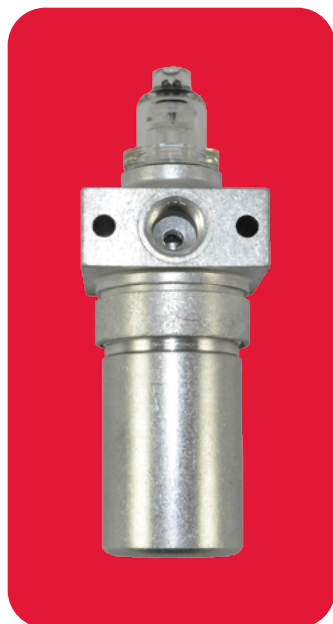
Attachment Parts

Bracket Kit	B
Gauge	G

Tamperproof

Tamperproof (Plastic Tie w/ Poly Bonnet)	T
Tamperproof (Set screw w/ Alum Bonnet)	TS
Preset	P
Preset & Tamperproof (Plastic Tie)	PT
Preset & Tamperproof (Set Screw)	PTS

LUBRICATORS: M305-3000 Miniature Series



Features

- Standard and low flow options available
- Stainless steel ball supplied with every lubricator to provide tamperproof capability
- Polycarbonate or metal bowls available
- Bowl guard available with polycarbonate bowl

Operating Specifications

Bowl Capacity: 1 oz.

Maximum Pressure Ratings:

- Metal Bowl: 250 PSI
- Polycarbonate Bowl: 150 PSI

Temperature Ratings:

- Metal Bowl: 0-200°F
- Polycarbonate Bowl: 0-120°F

Weight: 136 g

Materials of Construction

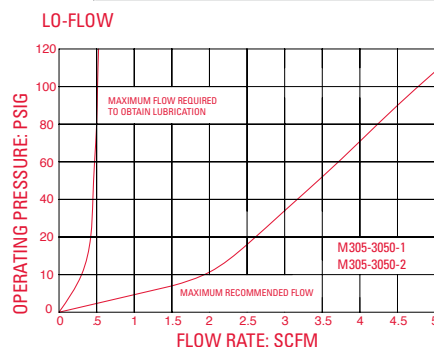
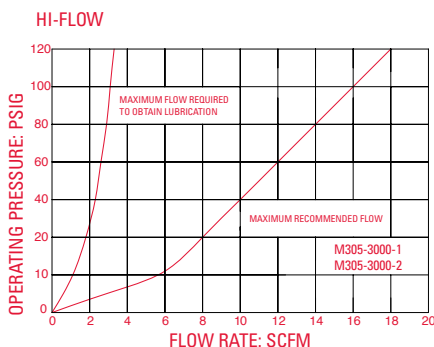
Lubricator Head: Machined Aluminum
Bowl: Polycarbonate or Machined Aluminum
Capacity Valve: Acetal
Capacity Valve Spring: Stainless Steel
Retainer: Zinc Dichromate Plated Steel
Adaptor Tube: Brass
Stem Relief Tube: Brass
Tamperproof Ball: Stainless Steel
Sight Dome: Polycarbonate or Trogamid
Oil Pick-Up Tube: Polyethylene
Bowl Guard: Stainless Steel
Oil Fill Plug: Machined Aluminum
Seals: Buna-N (Fluorocarbon Available)

Accessories & Kits

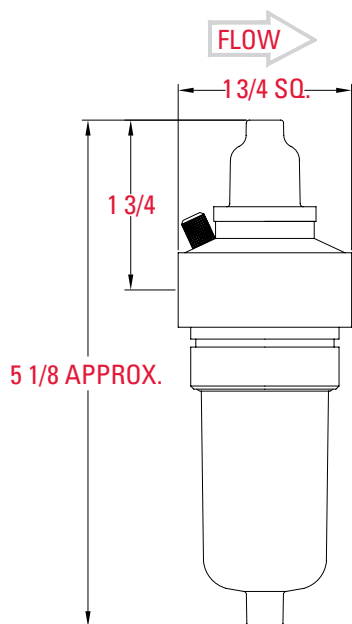
Bowl Kits: Polycarbonate: 33509
Metal: 33540

Sight Dome Kit: 31535 (Polycarbonate)
31537 (Trogamid)

Flow Characteristics



Dimensions



Ordering Information

M305-3000-1

Bowl Type	
Polycarbonate	0
Polycarbonate w/ Bowl Guard	1
Metal	2

Flow	
Standard	0
Low-Flow	5

Adjustment	
Slotted Screw	0
Knurled Knob	2

Pipe Size	
1/8"	1
1/4"	2

OPTIONS

Anodizing	
No Anodizing	Blank
Blue	A1
Black	A2
Clear	A3
Green	A4
Red	A5
Yellow	A6
Gold	A7
Purple	A8

Drain	
Manual	MD

Seals	
Buna-N	Blank
Fluorocarbon	V

Sight Level and Dome	
Polycarbonate	Blank
Trogamid	T

FILTER REGULATORS: M3000 Miniature Series (Particulate)



Features

- Filter and regulator consolidated into one assembly
- Reduces footprint of air prep assembly
- Polycarbonate or aluminum bonnets available
- Polycarbonate or aluminum bowls available
- Manual or impulse drains available
- Preset and tamperproof options

Operating Specifications

Bowl Capacity: 1 oz.

Maximum Pressure Ratings:

- Metal Bowl: 250 PSI
- Polycarbonate Bowl: 150 PSI

Temperature Ratings:

- Metal Bowl: 0-200°F
- Polycarbonate Bowl: 0-120°F

Materials of Construction

Body: Machined Aluminum

Bonnet: Aluminum or Polycarbonate

Bowl: Polycarbonate or Machined Aluminum

Seat: Nylon **Poppet Spring:** Stainless Steel

Whirl Disc: Aluminum

Element (20 and 10 Micron): Phenolic Impregnated Cellulose

Element (5 Micron): Polypropylene

Element Retainer: Celanese

Poppet Valve: Buna-N (Fluorocarbon Available)

Seat: Nylon **Locking Nut:** Zinc Plated Steel

Compression Spring: Spring Steel

Adjustment Screw: Zinc Plated Steel

Diaphragm Assembly: Steel, Brass, Buna-N (Fluorocarbon available)

Drain: • Manual: Brass and Plated Steel

• Impulse: Machined Aluminum, Zinc Plated Steel, and Buna-N (Fluorocarbon Available)

Accessories & Kits

Elements: 20 Micron: 23004 - 10 Micron: 23025
- 5 Micron: 23040

Regulator Repair Kits:

- Relieving: 13532 - Non-Relieving: 13533

Bowl Kit w/ Manual Drain:

- Polycarbonate: 23520 - Aluminum: 23533

Bowl Kit w/ Impulse Drain:

- Polycarbonate: 23521 - Aluminum: 23534

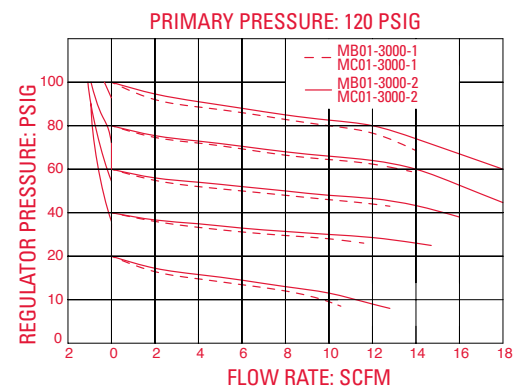
Bracket Kit: - Polycarbonate Bonnet: 13536

- Aluminum Bonnet: 13534

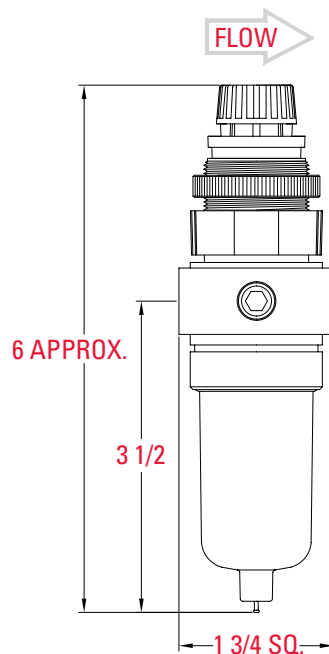
Mounting Nut Only: - Polycarbonate Bonnet: 13133

- Aluminum Bonnet: 13025

Flow Characteristics



Dimensions



Ordering Information

MB01-3000-2

Bonnet	
Polycarbonate	B
Aluminum	C

Bowl Type	
Polycarbonate	0
Polycarbonate w/ Bowl Guard	1
Metal	2

Pressure	
10-130 Relieving	0
10-130 Non-Relieving	1
5-60 Relieving	2
5-60 Non-Relieving	3
3-30 Relieving	4
3-30 Non-Relieving	5
20-250 Relieving	6
20-250 Non-Relieving	7
1-10 Relieving	8
1-10 Non-Relieving	9

Elements	
20 Micron	0
10 Micron	1
5 Micron	2

Pipe Size	
1/8"	1
1/4"	2

OPTIONS

Anodizing

No Anodizing	Blank
Blue	A1
Black	A2
Clear	A3
Green	A4
Red	A5
Yellow	A6
Gold	A7
Purple	A8

Drain

Manual	Blank
Impulse	D

Seals

Buna-N	Blank
Fluorocarbon	V

Attachment Parts

Bracket Kit	B
Gauge	G
Knob	K

Tamperproof

Tamperproof	T
Preset	P
Preset and Tamperproof	PT
Preset and Tamperproof	PTS

FILTER REGULATORS: M3009 Miniature Series (Coalescing)



Features

- Coalescing filter and regulator consolidated into one assembly
- Reduces footprint of air prep assembly
- Polycarbonate or aluminum bonnets available
- Polycarbonate or aluminum bowls available
- Manual or Impulse drains available
- Preset and Tamperproof options
- Gauges available
- Available w/ 0.3 or 0.01 Micron elements
- Body cones green anodized as standard (other colors available)

Operating Specifications

Bowl Capacity: 1 oz.

Maximum Pressure Ratings:

- Metal Bowl: 250 PSI

- Polycarbonate Bowl: 150 PSI

Temperature Ratings: - Metal Bowl: 0-200°F

- Polycarbonate Bowl: 0-120°F

Accessories & Kits

Elements: - 0.3 Micron: 23543 - 0.01 Micron: 23592

- Carbon: 23758

Regulator Repair Kits:

- Relieving: 13532 - Non-Relieving: 13533

Bowl Kit w/ Manual Drain:

- Polycarbonate: 23520 - Aluminum: 23533

Bowl Kit w/ Impulse Drain:

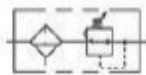
- Polycarbonate: 23521 - Aluminum: 23534

Bracket Kit: - Polycarbonate Bonnet: 13536

- Aluminum Bonnet: 13534

Mounting Nut Only: - Polycarbonate Bonnet: 13133

- Aluminum Bonnet: 13025



Materials of Construction

Body: Anodized Machined Aluminum

Bonnet: Machined Aluminum or Polycarbonate

Spring: Stainless Steel

Diaphragm Gasket: Stainless Steel

Valve Seat: Brass

Poppet Valve: Buna-N (Fluorocarbon Available)

Element (0.3 and 0.01 Micron): Borosilicate Glass Fiber

Element Retainer: Celanese

Element Shield: Polycarbonate

Adaptor Outlet: Machined Aluminum (Impulse Drain)

Seat: Nylon

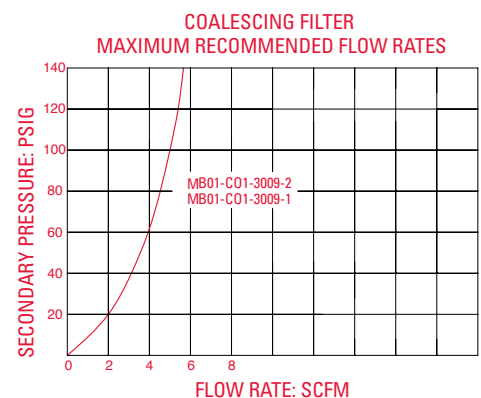
Piston Spring: Stainless Steel

Valve Seat: Buna-N (Fluorocarbon Available)

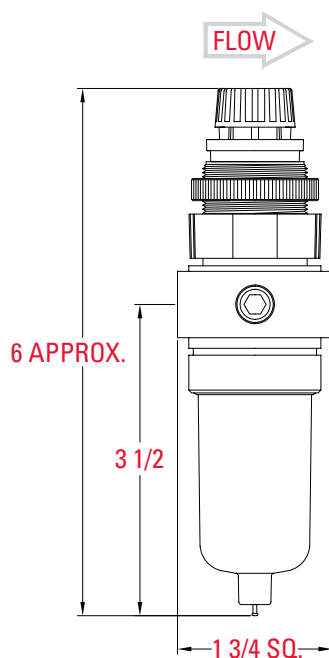
Drain: • Manual: Zinc Plated Brass

• Impulse: Machined Aluminum and Zinc Plated Steel

Flow Characteristics



Dimensions



Ordering Information

MB01-3009-2

Bonnet	
Polycarbonate	B
Aluminum	C

Bowl Type	
Polycarbonate	0
Polycarbonate w/ Bowl Guard	1
Metal	2

Pressure	
10-130 Relieving	0
10-130 Non-Relieving	1
5-60 Relieving	2
5-60 Non-Relieving	3
3-30 Relieving	4
3-30 Non-Relieving	5
20-250 Relieving (Aluminum Bonnet Only)	6
20-250 Non-Relieving (Aluminum Bonnet Only)	7
1-10 Relieving	8
1-10 Non-Relieving	9

Elements	
0.3 Micron	9
0.01 Micron	8
Carbon	7

Pipe Size	
1/8"	1
1/4"	2

OPTIONS

Anodizing

Green	Blank
Blue	A1
Black	A2
Clear	A3
Red	A5
Yellow	A6
Gold	A7
Purple	A8

Drain

Manual	Blank
Impulse	D

Seals

Buna-N	Blank
Fluorocarbon	V

Tamperproof

Tamperproof	T
Preset	P
Preset and Tamperproof 801	PT
Preset and Tamperproof C01	PTS

Attachment Parts

Bracket Kit	B
Gauge	G
Knob	K

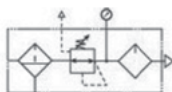
MINIATURE FILTER REGULATOR LUBRICATORS: M213-3000



Components

Filter: M204-3000
Regulator: M101-3000
Lubricator: M305-3000

Please see individual product pages for further details.



Operating Specifications

Bowl Capacity: 1 oz.
Maximum Pressure Ratings:
 - Metal Bowl: 250 PSI
 - Polycarbonate Bowl: 150 PSI
Temperature Ratings:
 - Metal Bowls: 0-200°F
 - Polycarbonate Bowls: 0-120°F

Features

- Filter, regulator and lubricator consolidated into one assembly
- Polycarbonate or aluminum bowls available
- Manual or impulse drains available
- Gauge included
- High flow and low flow lubricator options
- 10-130 PSIG spring

Ordering Information

M213-3000-2

Bowl Type	
Polycarbonate	0
Polycarbonate w/ Bowl Guard	1
Metal	2

Lubricator Flow	
High Flow	0
Low Flow	5

Elements	
20 Micron	0
10 Micron	1
5 Micron	2

Pipe Size	
1/8"	1
1/4"	2

OPTIONS

Anodizing	
None	Blank
Blue	A1
Black	A2
Clear	A3
Green	A4
Red	A5
Yellow	A6
Gold	A7
Purple	A8

Drain	
Manual	Blank
Impulse	D

Seals	
Buna-N (Standard)	Blank
Fluorocarbon	V

Attachment Parts	
Bracket Kit	B

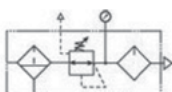
MINIATURE FILTER/REGULATOR LUBRICATORS: MB3-3000



Components

Filter/Regulator:
 MB01/MC01-3000
Lubricator: M305-3000

Please see individual product pages for further details.



Operating Specifications

Bowl Capacity: 1 oz.
Maximum Pressure Ratings:
 - Metal Bowl: 250 PSI
 - Polycarbonate Bowl: 150 PSI
Temperature Ratings:
 - Metal Bowls: 0-200°F
 - Polycarbonate Bowls: 0-120°F

Features

- Filter/regulator and lubricator consolidated into one assembly
- Reduces footprint of air prep assembly
- Polycarbonate or aluminum bonnets available
- Polycarbonate or aluminum bowls available
- Manual or impulse drains available
- Gauge included
- High flow and low flow lubricator options
- 10-130 PSIG spring

Ordering Information

MB3-3000-2

Bonnet	
Polycarbonate	B
Aluminum	C

Bowl Type	
Polycarbonate	0
Polycarbonate w/ Bowl Guard	1
Metal	2

Lubricator Flow	
High Flow	0
Low Flow	5

Elements	
20 Micron	0
10 Micron	1
5 Micron	2

Pipe Size	
1/8"	1
1/4"	2

OPTIONS

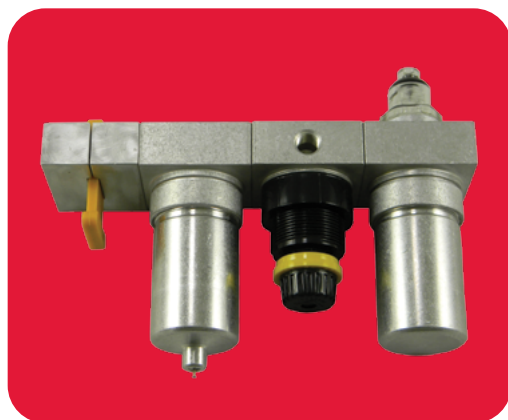
Anodizing	
None	Blank
Blue	A1
Black	A2
Clear	A3
Green	A4
Red	A5
Yellow	A6
Gold	A7
Purple	A8

Drain	
Manual	Blank
Impulse	D

Seals	
Buna-N (Standard)	Blank
Fluorocarbon	V

Attachment Parts	
Bracket Kit	B

MINIATURE FILTER REGULATOR LUBRICATORS: **M0213-3000**



Components

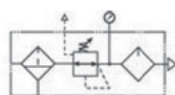
Shut-off Valve: M20-201

Filter: M204-3000

Regulator: M101-3000

Lubricator: M305-3000

Please see individual product pages for further details.



Operating Specifications

Bowl Capacity: 1 oz.

Maximum Pressure Ratings:

- Metal Bowl: 250 PSI
- Polycarbonate Bowl: 150 PSI

Temperature Ratings:

- Metal Bowls: 0-200°F
- Polycarbonate Bowls: 0-120°F

Features

- Shutoff-off valve, filter, regulator and lubricator consolidated into one assembly
- Valve can be locked in OFF position
- Polycarbonate or aluminum bowls available
- Manual or impulse drains available
- Gauge included
- High flow and low flow lubricator options
- 10-130 PSIG spring

Ordering Information

M0213-3000-2

Bowl Type	
Polycarbonate	0
Polycarbonate w/ Bowl Guard	1
Metal	2

Lubricator Flow	
High Flow	0
Low Flow	5

Elements	
20 Micron	0
10 Micron	1
5 Micron	2

Pipe Size	
1/8"	1
1/4"	2

OPTIONS

Anodizing	
None	Blank
Blue	A1
Black	A2
Clear	A3
Green	A4
Red	A5
Yellow	A6
Gold	A7
Purple	A8

Drain	
Manual	Blank
Impulse	D

Seals	
Buna-N (Standard)	Blank
Fluorocarbon	V

Attachment Parts	
Bracket Kit	B

MINIATURE FILTER/REGULATOR LUBRICATORS: **MOB3-3000**



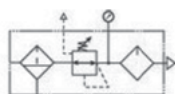
Components

Shut-off Valve: M20-201

Filter/Regulator: MB01/MC01-3000

Lubricator: M305-3000

Please see individual product pages for further details.



Operating Specifications

Bowl Capacity: 1 oz.

Maximum Pressure Ratings:

- Metal Bowl: 250 PSI
- Polycarbonate Bowl: 150 PSI

Temperature Ratings:

- Metal Bowls: 0-200°F
- Polycarbonate Bowls: 0-120°F

Features

- Shutoff-off valve, filter, regulator and lubricator consolidated into one assembly
- Reduces footprint of air prep assembly
- Valve can be locked in OFF position
- Polycarbonate or aluminum bonnets available
- Polycarbonate or aluminum bowls available
- Manual or impulse drains available
- High flow and low flow lubricator options
- Gauge included • 10-130 PSIG spring

Ordering Information

MOB3-3000-2

Bonnet	
Polycarbonate	B
Aluminum	C

Bowl Type	
Polycarbonate	0
Polycarbonate w/ Bowl Guard	1
Metal	2

Lubricator Flow	
High Flow	0
Low Flow	5

Elements	
20 Micron	0
10 Micron	1
5 Micron	2

Pipe Size	
1/8"	1
1/4"	2

OPTIONS

Anodizing	
None	Blank
Blue	A1
Black	A2
Clear	A3
Green	A4
Red	A5
Yellow	A6
Gold	A7
Purple	A8

Drain	
Manual	Blank
Impulse	D

Seals	
Buna-N (Standard)	Blank
Fluorocarbon	V

Attachment Parts	
Bracket Kit	B

ACCESSORIES: Lockout Valves



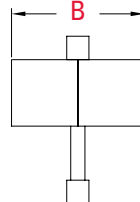
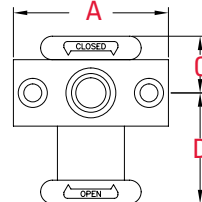
Features

- Available in 1/8" and 1/4" NPT
- Relieve downstream pressure in closed position
- Can be locked in closed position for safety purposes

Materials of Construction

Body: Machined Aluminum
Slide: Plastic
Seals: Buna-N (Fluorocarbon Available)
Screws: Black oxide coated screws

Dimensions



M20-201/M20-202

A: 1-3/4
B: 1-3/8
C: 15/16
D: 1-9/16

Ordering Information

M20-201

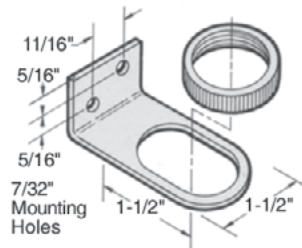
Pipe Size	
1/8"	1
1/4"	2

Anodizing	
None	Blank
Blue	A1
Black	A2
Clear	A3
Green	A4
Red	A5
Yellow	A6
Gold	A7
Purple	A8

ACCESSORIES: Mounting

BONNET MOUNTING TYPE

**FOR UNITS WITH:
 POLYCARBONATE BONNETS
 SERIES M101-3000,
 M104-3100 and MB01-3000**

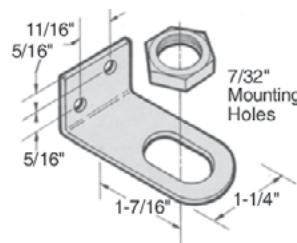


Part# 13536

Panel Nut Only - Part #13133

This is a zinc-plated steel bracket and aluminum panel nut. Panel nut may be anodized in any of eight colors.

**FOR UNITS WITH:
 ALUMINUM BONNETS
 SERIES M111-3000,
 M102-3000, MC01-3000,
 and M106-3100**



Part# 13534

Panel Nut Only - Part #13025

This is a zinc-plated steel bracket and aluminum panel nut. Panel nut may be anodized in any of eight colors.

ACCESSORIES: Modular/Connector Kits

Part #	Name	Purpose
13365	Dual Unit Miniature Modular Assembly Kit	Connecting one filter or lubricator to a regulator or filter/regulator
13366	Triple Unit Miniature Modular Assembly Kit	Connecting two filters to a regulator or filter/regulator
13367	Dual Miniature Modular Filter Assembly Kit	Connecting two filters together or a filter and lubricator