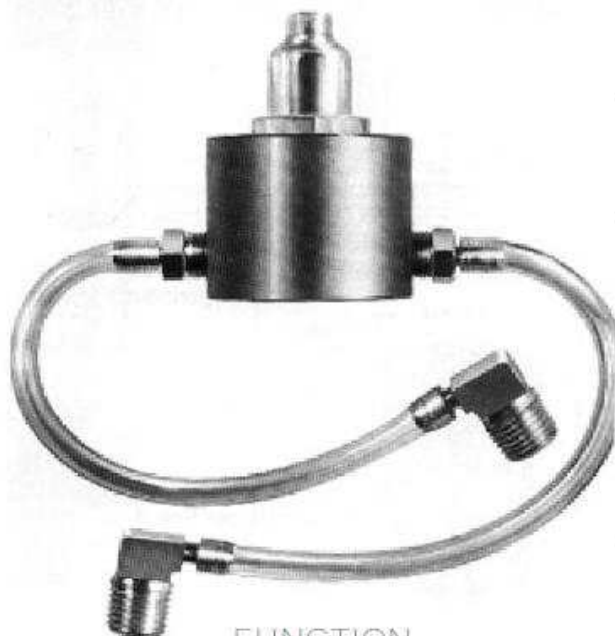




airline

# ACCESSORIES

Where Custom Solutions Become Standard



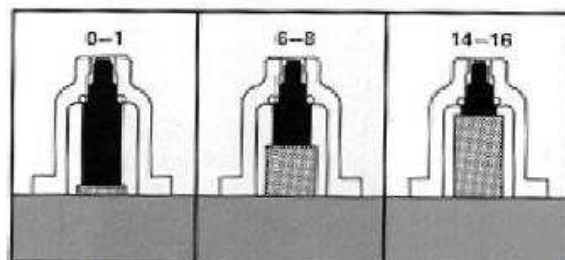
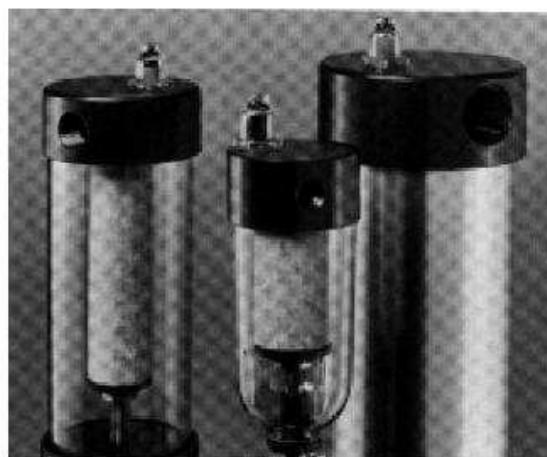
## FUNCTION

The Monnier Pressure Drop Indicator is also available as a separate device to be installed across existing filters or similar equipment for visual indication of pressure drop.

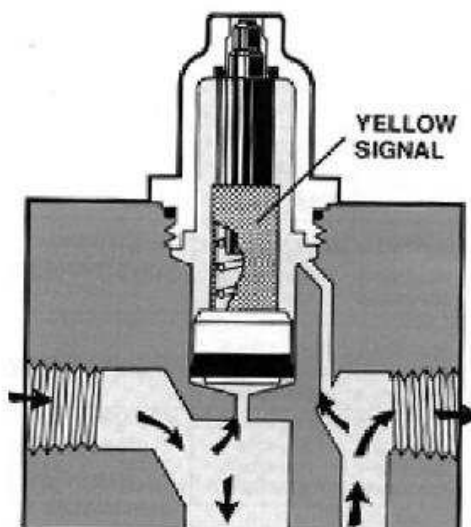
The detached indicator is 1-3/4" diameter by 2-7/16" high overall. Ports are 1/8" NPT. Each indicator is furnished with two 1/8" straight and two 1/4" NPT right angle pipe-thread-to tube fittings plus one 12" length 1/8" I.D. plastic tubing. **Order part # 21540.**

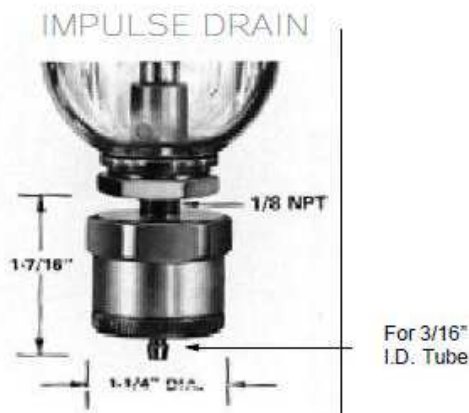
When pressure downstream (right) drops far enough below the pressure upstream (left) the spring holding the yellow cup down is slowly overcome and the yellow signal rises.

## PRESSURE DROP INDICATORS



The pressure drop indicator is highly visible and designed so that the relative amount of pressure drop is easily determined from the height of the yellow column. See page 14 for ordering information.



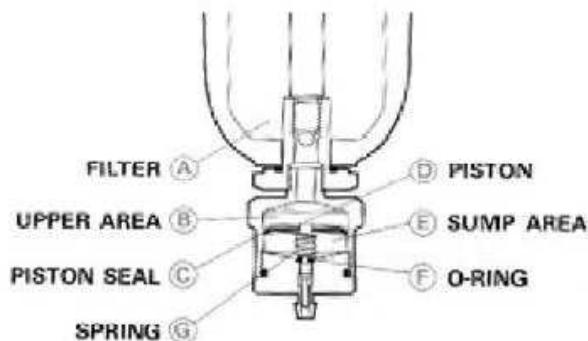


### Model 20-101

Converts most present airline filters (regardless of make) to automatic drain.  
(Clear anodized finish standard)

The Monnier Impulse Drain has only one moving part—no floats, levers or pilot mechanisms. Repeated actuation of the unit prevents gum and corrosion build-up, which often causes failure in automatic drains. It is so inexpensive that most users consider it a throw-away item. Replacement takes less than a minute.

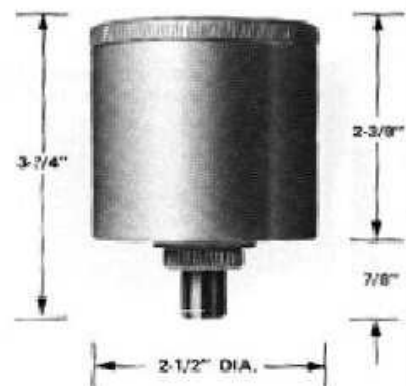
The Monnier Impulse Drain is actuated by a decay in pressure of 10 percent, such as caused by intermittent cycling of valves, tools, or compressor starting and stopping. When system pressure decays to 0 psi, the spring (G) activates drain.



When air flows through filter (A), pressure in upper area (B) equals pressure in sump area (E) and is slightly lower in both areas than filter inlet line pressure (due to friction in flow path). When air flow stops, pressure in (B) increases to equal inlet pressure, and forces liquid past piston seal (C) into (E) until (B) and (E) both match inlet pressure.

As air begins to flow through filter again, pressure in upper area (B) drops, so pressure in sump area (E) forces piston (D) to lift O-ring (F) off seat, dumping the sump accumulation. This reduces pressure in sump (E), so pressure in upper area (B) forces piston back down, closing the drain.

### AUTOMATIC FLOAT DRAIN



### MODELS 20-401 AND 20-404

(Clear anodized finish standard)

Attaches to bottom of drain legs (or any vertical air line) to remove accumulated moisture automatically. Can also be attached to filters having manual drain ports.

The Monnier Automatic Float-Actuated Drain is used to drain air line drain legs and air filters. It is a normally open, pilot operated valve, rated for 10 to 250 psi and 175°F. The valve is held closed by line pressure. The pilot valve is never submerged in water, and its discharge is operated by system air pressure, producing a strong on-off action. The float, which is extremely light, can't leak or hold fluid. All parts are corrosion proof.

Inspection and cleaning can be done without removing the drain from the air line, and the unit has a manual override to check proper functioning. Discharge is easily piped to remote locations.

When the compressed air system is shut down, the valve returns to its normally open condition and water will drain by gravity.

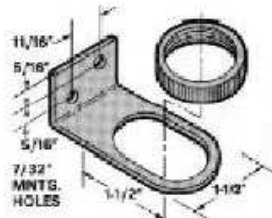
Model No.	Size (NPT)		Inlet Nipple (NPT)
	Inlet	Outlet	
20-401	1/4	1/8	1/4 x 1/4 & 1/4 x 1/8
20-404	1/2	1/8	N/A





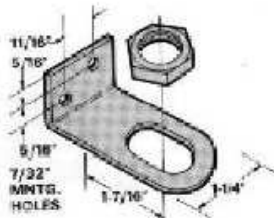
## MOUNTING ACCESSORIES

**FOR UNITS WITH:  
POLYCARBONATE  
BONNETS  
SERIES 101-3000,  
104-3100 and B01-3000**



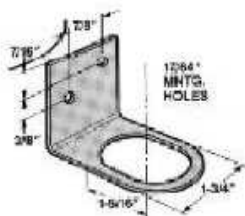
This is a zinc-plated steel bracket and aluminum panel nut. Order kit No. 13,536. Panel nut only, order 13,133.

**ALUMINUM  
BONNETS  
SERIES 111-3000,  
102-3000,  
C01-3000, 106-3100 and  
114-3100**

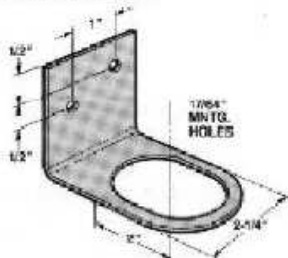


This is a zinc-plated steel bracket and aluminum panel nut. Order kit No. 13,534. Panel nut only, order 13,025.

## BONNET MOUNTING TYPE

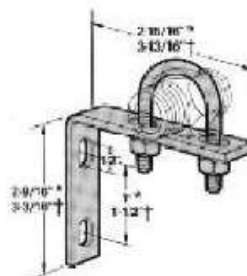


**No. 11,122**  
For regulator 105/106-1000



**No. 11,123**  
For regulator 102/103-1000 and  
117-4000/5000 PS

## PIPE MOUNTING



This is a zinc-plated steel bracket, with U-bolt and lock nuts as shown. The U-bolt fits around the inlet or outlet pipe, nipple, etc.

### FOR 1000 SERIES UNITS

\* Pipe Sizes 1/4", 3/8" and 1/2", use small bracket, order Part No. 11,543.

### FOR 4000/5000 SERIES

Pipe Sizes 3/4" and 1", use large bracket, order Part No. 15,542.

### Angle Mounting Type

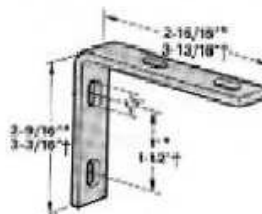
Filters and lubricators must be ordered with two 1/4-20 mounting holes on top surfaces. Add suffix "MH" to model number.

### \*Part Number 11,038

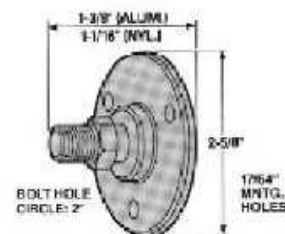
Use with 1000/2000/3000 Series Units

### \*Part Number 15,037

Use with 4000/5000 Series Units



## STUD MOUNTED TYPE



These mounting brackets are designed to fit all regulators with 1/4" gauge ports. Remove the pipe plug in the back of the regulator and insert stud.

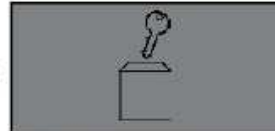
### Stud Mounting Type

Filters and lubricators must be ordered with 1/4" NPT mounting holes on side surfaces. Add suffix "MS" to model number.

### FOR 1000/4000/5000 SERIES UNITS

For 1/4", 3/8", 1/2", 3/4", and 1", order Part No. 11,520.

(Aluminum construction)



## PRESSURE GAUGES FOR 3000 SERIES REGULATORS 1/8" NPT, CENTERBACK OR PANEL MOUNTED



PRESSURE (PSI)	RANGE (kPa)	CENTERBACK PART NUMBER	PANEL MOUNT. PART NUMBER
0-30	0-205	13,528	
0-60	0-415	13,529	
0-100	0-690	13,523	
0-160	0-1100	13,524	*13,576
0-200	0-1375	13,558	

\*1-5/8" diameter hole for panel mounting.  
All gauges have dual scales, psi and kPa.  
100 kPa = 1 bar = 14.5 psi

## TAMPERPROOF LOCK AND KEY

The 11564 tamper-proof kits may also be used on the 1000 and 2000 series integral filter-regulators. Contact the factory for additional information.

FOR REGULATOR MODEL NUMBER	ORDER KIT NO.
101-1000-4	11,564
102-1000-4	11,564
103-1000-4	11,564
104-1000-2,3 or 4	11,560
105-1000-2,3 or 4	11,560
106-1000-2,3 or 4	11,560
116/117-4000/5000PS	11,519



## PRESSURE GAUGES FOR 1000, 4000 and 5000 SERIES REGULATORS All gauges have dual scales, psi and kPa

100 kPa = 1 Bar = 14.5 PSIG



1/4" NPT  
CENTERBACK  
MOUNTED



1/4" BOTTOM  
MOUNTED

Pressure Range (PSI)	Range (kPa)	Part Number
0-30	0-205	11,525
0-60	0-415	11,526
0-100	0-690	11,527
0-160	0-1100	11,528
0-200	0-1375	11,550

Pressure Range (PSI)	Range (kPa)	Part Number
0-30	0-205	11,552
0-60	0-415	11,553
0-100	0-690	11,554
0-160	0-1100	11,555



## LUBRICATOR ACCESSORIES

### "Q" Fill Button

Available on all lubricators except miniature (3000 Series) lubricators.

Specify by part number on the order.

Top Fill Button: No. 31,527

Bottom Fill Button: No. 31,501

### Knurled Adjustment Knob

Fingertip adjustment of lubrication rate is possible with optional knurled adjustment knob. Turns easily but stays in position when released.

For Field Conversion, order sight dome assembly kit No. 31536.

