



Lab Specialty Product
Lab Specialty Products

Lab Specialty Products



PRODUCT

Contact Spears® for any Information not found.

Lab Specialty Product
Lab Ball Valves & Needle Valves



Lab Ball Valves



Socket/Threaded Valve Only

Pressure Rating @ 73°F (23°C),
 Water
 1/8" - 3/8" 150 psi
 Maximum Service Temperature
 PVC = 140°F (60°C)
 CPVC = 200°F (93°C)
 Temperature/Pressure De-ratings
 Apply
 Rated for Vacuum Service



Valve & Adapters

- Valve & Adapters includes:**
- 1 - Threaded 1/4" Valve
 - 2 - O-ring Sealed 1/4" MPT x Mipt Adapters
 - 2 - EPDM or FKM O-rings (AS568-013 size)
 - 1 - End Connector Wrench
 - 2 - O-ring Sealed 1/4" MPT x 3/8" I.D. Tubing Barb Adapters - OR -
 - 2 - O-ring Sealed 1/4" MPT x 1/4" I.D. Tubing Barb Adapters

All Valves Assembled with Silicone-Free, Water Soluble Lubricant

Lab Valve - PVC

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|------|-----|--------|---------|-----------|
|------|------|-----|--------|---------|-----------|

Valve & Adapters Threaded Ends

| | | | | | |
|----------|--------------------|--------------------|---|----|-----|
| 1/4X1/4T | 1529-002A 28.54 | 1539-002A 29.83 | 1 | 25 | 218 |
| 1/4X3/8T | 1529-002 28.54 | 1539-002 29.83 | 1 | 25 | 218 |

Valve only Threaded Ends

| | | | | | |
|-----|-------------------|-------------------|----|-----|-----|
| 1/4 | 1521-002 22.80 | 1531-002 25.39 | 50 | 200 | 218 |
| 3/8 | 1521-003 32.05 | 1531-003 35.54 | 50 | 200 | 218 |

Valve Only Female x Male Thread Ends

| | | | | | |
|-----|--------------------|--------------------|----|-----|-----|
| 1/8 | 152FM-001 28.54 | 153FM-001 29.83 | 25 | 200 | 218 |
| 1/4 | 152FM-002 28.54 | 153FM-002 29.83 | 25 | 200 | 218 |

Lab Valve - PVC

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|------|-----|--------|---------|-----------|
|------|------|-----|--------|---------|-----------|

Valve only Socket Ends

| | | | | | |
|-----|-------------------|-------------------|----|-----|-----|
| 1/4 | 1522-002 22.80 | 1532-002 25.80 | 50 | 200 | 218 |
| 3/8 | 1522-003 32.05 | 1532-003 35.54 | 50 | 200 | 218 |

Lab Valve - CPVC

| Size | EPDM | FKM | Std Pk | Mstr Pk | Prod Code |
|------|------|-----|--------|---------|-----------|
|------|------|-----|--------|---------|-----------|

Valve & Adapters Threaded Ends

| | | | | | |
|----------|---------------------|---------------------|---|----|-----|
| 1/4X1/4T | 1529-002CA 34.25 | 1539-002CA 34.92 | 1 | 25 | 219 |
| 1/4X3/8T | 1529-002C 34.25 | 1539-002C 34.92 | 1 | 25 | 219 |

Valve only Threaded Ends

| | | | | | |
|-----|--------------------|--------------------|----|-----|-----|
| 1/4 | 1521-002C 27.42 | 1531-002C 30.15 | 50 | 200 | 219 |
| 3/8 | 1521-003C 38.46 | 1531-003C 36.04 | 50 | 200 | 219 |

Valve Only Female x Male Thread Ends

| | | | | | |
|-----|---------------------|-----|----|-----|-----|
| 1/8 | 152FM-001C 34.25 | --- | 25 | 200 | 219 |
| 1/4 | 152FM-002C 34.25 | --- | 25 | 200 | 219 |

Valve only Socket Ends

| | | | | | |
|-----|--------------------|--------------------|----|-----|-----|
| 1/4 | 1522-002C 27.42 | 1532-002C 32.63 | 50 | 200 | 219 |
| 3/8 | 1522-003C 38.46 | 1532-003C 42.69 | 50 | 200 | 219 |

Needle Valves



Pressure Rating @ 73°F
 (23°C), Water
 PVC or CPVC 235 psi
 PP 150 psi
 Maximum Service Temperature
 PVC = 140°F (60°C)
 CPVC = 200°F (93°C)
 PP = 180°F (82°C)
 Solid PTFE Stem Seals
 No Elastomer or Lubricants used
 Valves include Panel Mounting Nut

PVC Needle Valve

| Size | Threaded | Socket | SR Threaded | Std Pk | Mstr Pk | Prod Code |
|------|----------|--------|-------------|--------|---------|-----------|
|------|----------|--------|-------------|--------|---------|-----------|

Globe Pattern

| | | | | | | |
|-----|-------------------|-------------------|---------------------|---|----|-----|
| 1/4 | 5591-002 78.97 | 5592-002 78.97 | --- | 1 | 18 | 218 |
| 3/8 | 5591-003 78.97 | 5592-003 78.97 | 5591-003SR 72.03 | 1 | 18 | 218 |
| 1/2 | 5591-005 87.65 | 5592-005 87.65 | 5591-005SR 90.01 | 1 | 18 | 218 |

Angle Pattern

| | | | | | | |
|-----|-------------------|-------------------|-----|---|----|-----|
| 1/4 | 5691-002 78.97 | 5692-002 78.97 | --- | 1 | 18 | 218 |
|-----|-------------------|-------------------|-----|---|----|-----|



Lab Specialty Product
Needle Valves & Gauge Guards

Needle Valves

PVC Needle Valve (continued)

| Size | Threaded | Socket | SR Threaded | Std Pk | Mstr Pk | Prod Code |
|----------------------|-------------------|-------------------|-------------|--------|---------|-----------|
| Angle Pattern | | | | | | |
| 3/8 | 5691-003 78.97 | 5692-003 78.97 | --- | 1 | 18 | 218 |
| 1/2 | 5691-005 87.65 | 5692-005 87.65 | --- | 1 | 18 | 218 |

CPVC Needle Valve

| Size | Threaded | Socket | SR Threaded | Std Pk | Mstr Pk | Prod Code |
|----------------------|--------------------|--------------------|-----------------------|--------|---------|-----------|
| Globe Pattern | | | | | | |
| 1/4 | 5591-002C 93.01 | 5592-002C 93.01 | --- | 1 | 18 | 219 |
| 3/8 | 5591-003C 93.01 | 5592-003C 93.01 | 5591-003CSR 92.80 | 1 | 18 | 219 |
| 1/2 | 5591-005C 98.36 | 5592-005C 98.36 | 5591-005CSR 100.87 | 1 | 18 | 219 |

Angle Pattern

| | | | | | | |
|-----|--------------------|--------------------|-----------------------|---|----|-----|
| 1/4 | 5691-002C 93.01 | 5692-002C 93.01 | --- | 1 | 18 | 219 |
| 3/8 | 5691-003C 93.01 | 5692-003C 93.01 | --- | 1 | 18 | 219 |
| 1/2 | 5691-005C 98.36 | 5692-005C 98.36 | 5691-005CSR 100.87 | 1 | 18 | 219 |

PP Needle Valve

| Size | Threaded | SR Threaded | Std Pk | Mstr Pk | Prod Code |
|----------------------|--------------------|----------------------|--------|---------|-----------|
| Globe Pattern | | | | | |
| 1/4 | 5591-002P 87.02 | --- | 1 | 18 | 219 |
| 3/8 | 5591-003P 87.02 | --- | 1 | 18 | 219 |
| 1/2 | --- | 5591-005PSR 96.23 | 1 | 18 | 219 |

Angle Pattern

| | | | | | |
|-----|--------------------|----------------------|---|----|-----|
| 1/4 | 5691-002P 87.02 | --- | 1 | 18 | 219 |
| 3/8 | 5691-003P 87.02 | --- | 1 | 18 | 219 |
| 1/2 | --- | 5691-005PSR 96.23 | 1 | 18 | 219 |

Gauge Guards



Connections use Spears® Patented Special Reinforced (SR) Female Threads on Pressure Inlet (1/4" or 1/2")

Pressure Rating
235 psi @ 73°F
16 BAR @ 22°C

Maximum Service Temperature
PVC = 140°F (60°C)
CPVC = 200°F (93°C)
PP = 180°F (82°C)

Temperature/Pressure De-ratings Apply
Rated for Full Vacuum Service

Gauge Guards are pre-filled with glycerin-water on units with Factory Installed Gauges. "No Gauge" units are to be filled by end user.

PVC GAUGE GUARDS

| Size | 1/4" Inlet Connection | 1/2" Inlet Connection | Std Pk | Mstr Pk | Prod Code |
|-----------------------|-----------------------|-----------------------|--------|---------|-----------|
| PTFE Diaphragm | | | | | |
| No Gauge | G0004-002 115.04 | G0004-005 115.04 | 1 | 18 | 624 |
| 0-30 in-Hg | G30V4-002 194.22 | G30V4-005 194.22 | 1 | 18 | 624 |
| 0-15 psi | G0154-002 183.59 | G0154-005 183.59 | 1 | 18 | 624 |
| 0-30 psi | G0304-002 183.59 | G0304-005 183.59 | 1 | 18 | 624 |
| 0-60 psi | G0604-002 183.59 | G0604-005 183.59 | 1 | 18 | 624 |
| 0-100 psi | G1004-002 183.59 | G1004-005 183.59 | 1 | 18 | 624 |
| 0-160 psi | G1604-002 183.59 | G1604-005 183.59 | 1 | 18 | 624 |
| 0-200 psi | G2004-002 183.59 | G2004-005 183.59 | 1 | 18 | 624 |
| 0-300 psi | G3004-002 183.59 | G3004-005 183.59 | 1 | 18 | 624 |

FKM Diaphragm

| | | | | | |
|------------|---------------------|---------------------|---|----|-----|
| No Gauge | G0003-002 115.04 | G0003-005 115.04 | 1 | 18 | 624 |
| 0-30 in-Hg | G30V3-002 194.22 | G30V3-005 194.22 | 1 | 18 | 624 |
| 0-15 psi | G0153-002 183.59 | G0153-005 183.59 | 1 | 18 | 624 |
| 0-30 psi | G0303-002 183.59 | G0303-005 183.59 | 1 | 18 | 624 |
| 0-60 psi | G0603-002 183.59 | G0603-005 183.59 | 1 | 18 | 624 |

Lab Specialty Product
Gauge Guards



Gauge Guards

PVC GAUGE GUARDS (continued)

| Size | 1/4" Inlet Connection | 1/2" Inlet Connection | Std Pk | Mstr Pk | Prod Code |
|----------------------|-----------------------|-----------------------|--------|---------|-----------|
| FKM Diaphragm | | | | | |
| 0-100 psi | G1003-002 183.59 | G1003-005 183.59 | 1 | 18 | 624 |
| 0-160 psi | G1603-002 183.59 | G1603-005 183.59 | 1 | 18 | 624 |
| 0-200 psi | G2003-002 183.59 | G2003-005 183.59 | 1 | 18 | 624 |
| 0-300 psi | G3003-002 183.59 | G3003-005 183.59 | 1 | 18 | 624 |

EPDM Diaphragm

| | | | | | |
|------------|---------------------|---------------------|---|----|-----|
| No Gauge | G0002-002 110.39 | G0002-005 110.39 | 1 | 18 | 624 |
| 0-30 in-Hg | G30V2-002 186.41 | G30V2-005 186.41 | 1 | 18 | 624 |
| 0-15 psi | G0152-002 176.31 | G0152-005 176.31 | 1 | 18 | 624 |
| 0-30 psi | G0302-002 176.31 | G0302-005 176.31 | 1 | 18 | 624 |
| 0-60 psi | G0602-002 176.31 | G0602-005 176.31 | 1 | 18 | 624 |
| 0-100 psi | G1002-002 176.31 | G1002-005 176.31 | 1 | 18 | 624 |
| 0-160 psi | G1602-002 176.31 | G1602-005 176.31 | 1 | 18 | 624 |
| 0-200 psi | G2002-002 176.31 | G2002-005 176.31 | 1 | 18 | 624 |
| 0-300 psi | G3002-002 176.31 | G3002-005 176.31 | 1 | 18 | 624 |

GAUGE GUARDS, CPVC

| Size | 1/4" Inlet Connection | 1/2" Inlet Connection | Std Pk | Mstr Pk | Prod Code |
|-----------------------|-----------------------|-----------------------|--------|---------|-----------|
| PTFE Diaphragm | | | | | |
| No Gauge | G0004-002C 149.56 | G0004-005C 149.56 | 1 | 18 | 625 |
| 0-30 in-Hg | G30V4-002C 252.49 | G30V4-005C 252.49 | 1 | 18 | 625 |
| 0-15 psi | G0154-002C 238.71 | G0154-005C 238.71 | 1 | 18 | 625 |
| 0-30 psi | G0304-002C 238.71 | G0304-005C 238.71 | 1 | 18 | 625 |
| 0-60 psi | G0604-002C 238.71 | G0604-005C 238.71 | 1 | 18 | 625 |
| 0-100 psi | G1004-002C 238.71 | G1004-005C 238.71 | 1 | 18 | 625 |
| 0-160 psi | G1604-002C 238.71 | G1604-005C 238.71 | 1 | 18 | 625 |
| 0-200 psi | G2004-002C 238.71 | G2004-005C 238.71 | 1 | 18 | 625 |
| 0-300 psi | G3004-002C 238.71 | G3004-005C 238.71 | 1 | 18 | 625 |

FKM Diaphragm

| | | | | | |
|------------|----------------------|----------------------|---|----|-----|
| No Gauge | G0003-002C 149.56 | G0003-005C 149.56 | 1 | 18 | 625 |
| 0-30 in-Hg | G30V3-002C 252.49 | G30V3-005C 252.49 | 1 | 18 | 625 |

GAUGE GUARDS, CPVC (continued)

| Size | 1/4" Inlet Connection | 1/2" Inlet Connection | Std Pk | Mstr Pk | Prod Code |
|----------------------|-----------------------|-----------------------|--------|---------|-----------|
| FKM Diaphragm | | | | | |
| 0-15 psi | G0153-002C 238.71 | G0153-005C 238.71 | 1 | 18 | 625 |
| 0-30 psi | G0303-002C 238.71 | G0303-005C 238.71 | 1 | 18 | 625 |
| 0-60 psi | G0603-002C 238.71 | G0603-005C 238.71 | 1 | 18 | 625 |
| 0-100 psi | G1003-002C 238.71 | G1003-005C 238.71 | 1 | 18 | 625 |
| 0-160 psi | G1603-002C 238.71 | G1603-005C 238.71 | 1 | 18 | 625 |
| 0-200 psi | G2003-002C 238.71 | G2003-005C 238.71 | 1 | 18 | 625 |
| 0-300 psi | G3003-002C 238.71 | G3003-005C 238.71 | 1 | 18 | 625 |

EPDM Diaphragm

| | | | | | |
|------------|----------------------|----------------------|---|----|-----|
| No Gauge | G0002-002C 143.60 | G0002-005C 143.60 | 1 | 18 | 625 |
| 0-30 in-Hg | G30V2-002C 242.37 | G30V2-005C 242.37 | 1 | 18 | 625 |
| 0-15 psi | G0152-002C 229.26 | G0152-005C 229.26 | 1 | 18 | 625 |
| 0-30 psi | G0302-002C 229.26 | G0302-005C 229.26 | 1 | 18 | 625 |
| 0-60 psi | G0602-002C 229.26 | G0602-005C 229.26 | 1 | 18 | 625 |
| 0-100 psi | G1002-002C 229.26 | G1002-005C 229.26 | 1 | 18 | 625 |
| 0-160 psi | G1602-002C 229.26 | G1602-005C 229.26 | 1 | 18 | 625 |
| 0-200 psi | G2002-002C 229.26 | G2002-005C 229.26 | 1 | 18 | 625 |
| 0-300 psi | G3002-002C 229.26 | G3002-005C 229.26 | 1 | 18 | 625 |

GAUGE GUARDS, PP

| Size | 1/4" Inlet Connection | 1/2" Inlet Connection | Std Pk | Mstr Pk | Prod Code |
|-----------------------|-----------------------|-----------------------|--------|---------|-----------|
| PTFE Diaphragm | | | | | |
| No Gauge | G0004-002P 134.64 | G0004-005P 134.64 | 1 | 18 | 626 |
| 0-30 in-Hg | G30V4-002P 206.83 | G30V4-005P 206.83 | 1 | 18 | 626 |
| 0-15 psi | G0154-002P 196.72 | G0154-005P 196.72 | 1 | 18 | 626 |
| 0-30 psi | G0304-002P 196.72 | G0304-005P 196.72 | 1 | 18 | 626 |
| 0-60 psi | G0604-002P 196.72 | G0604-005P 196.72 | 1 | 18 | 626 |
| 0-100 psi | G1004-002P 196.72 | G1004-005P 196.72 | 1 | 18 | 626 |
| 0-160 psi | G1604-002P 196.72 | G1604-005P 196.72 | 1 | 18 | 626 |
| 0-200 psi | G2004-002P 196.72 | G2004-005P 196.72 | 1 | 18 | 626 |
| 0-300 psi | G3004-002P 196.72 | G3004-005P 196.72 | 1 | 18 | 626 |



Lab Specialty Product
Gauge Guards & Lab Fixtures

Gauge Guards

GAUGE GUARDS, PP

| Size | 1/4" Inlet Connection | 1/2" Inlet Connection | Std Pk | Mstr Pk | Prod Code |
|----------------------|-----------------------|-----------------------|--------|---------|-----------|
| FKM Diaphragm | | | | | |
| No Gauge | G0003-002P 134.64 | G0003-005P 134.64 | 1 | 18 | 626 |
| 0-30 in-Hg | G30V3-002P 206.83 | G30V3-005P 206.83 | 1 | 18 | 626 |
| 0-15 psi | G0153-002P 196.72 | G0153-005P 196.72 | 1 | 18 | 626 |
| 0-30 psi | G0303-002P 196.72 | G0303-005P 196.72 | 1 | 18 | 626 |
| 0-60 psi | G0603-002P 196.72 | G0603-005P 196.72 | 1 | 18 | 626 |
| 0-100 psi | G1003-002P 196.72 | G1003-005P 196.72 | 1 | 18 | 626 |
| 0-160 psi | G1603-002P 196.72 | G1603-005P 196.72 | 1 | 18 | 626 |
| 0-200 psi | G2003-002P 196.72 | G2003-005P 196.72 | 1 | 18 | 626 |
| 0-300 psi | G3003-002P 196.72 | G3003-005P 196.72 | 1 | 18 | 626 |

EPDM Diaphragm

| | | | | | |
|------------|----------------------|----------------------|---|----|-----|
| No Gauge | G0002-002P 129.32 | G0002-005P 129.32 | 1 | 18 | 626 |
| 0-30 in-Hg | G30V2-002P 198.54 | G30V2-005P 198.54 | 1 | 18 | 626 |
| 0-15 psi | G0152-002P 188.93 | G0152-005P 188.93 | 1 | 18 | 626 |
| 0-30 psi | G0302-002P 188.93 | G0302-005P 188.93 | 1 | 18 | 626 |
| 0-60 psi | G0602-002P 188.93 | G0602-005P 188.93 | 1 | 18 | 626 |
| 0-100 psi | G1002-002P 188.93 | G1002-005P 188.93 | 1 | 18 | 626 |
| 0-160 psi | G1602-002P 188.93 | G1602-005P 188.93 | 1 | 18 | 626 |
| 0-200 psi | G2002-002P 188.93 | G2002-005P 188.93 | 1 | 18 | 626 |
| 0-300 psi | G3002-002P 188.93 | G3002-005P 188.93 | 1 | 18 | 626 |

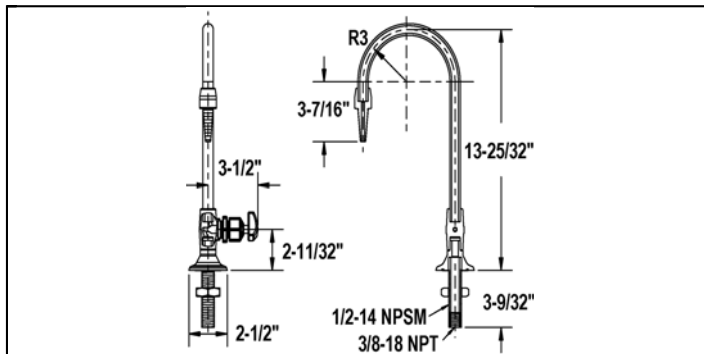
Lab Fixtures

100%% Corrosion Resistance - No Metal Parts

Spears® Lab Fixtures have no metal parts; this provides full resistance to internal or environmental corrosion. These fixtures are compatible with all laboratory service lines. Lab Fixtures are produced from PVC (gray) and CPVC (for hot water), or special Low-Extractable PVC for high purity applications, and are available in a variety of types and configurations.

- Deck Mount – base configuration for horizontal surface mounting.
- Panel Mount – base configuration for vertical surface mounting.
- Standard Gooseneck Units – select all-plastic needle valve unit (no elastomer seals) for metered flow or ball valve unit (choice of EPDM or FKM seals) for direct flow. Unit includes valve, gooseneck with serrated tip, and base with nut for mounting. Select Deck or Panel Mount style.
- Standard Turret Units – direct flow ball valve (choice of EPDM or FKM seals) with serrated tip and base with connecting nipple and nut for mounting. Select Deck or Panel Mount style.
- Remote Valve Units (No Valve) – same as standard units less valve for use with remotely located valve.
- Recirculating Units – Special design provides continuous water motion without dead-leg areas of contamination and potential bacteria build-up. Internal supply tube fully circulates water through the entire fixture when connected to circulating water supply. Unit features gooseneck with terminally mounted all-plastic needle valve and serrated tip (no elastomer seals) for metered flow. Base is Deck Mount only with inlet and outlet connecting nipples with mounting nuts.

NPT - American National Standard Tapered Pipe Thread • NPSM - American National Standard Straight Thread For Free Fitting Mechanical Joints



Gooseneck Units - Deck Mount Lab Fixture w/Needle Valve

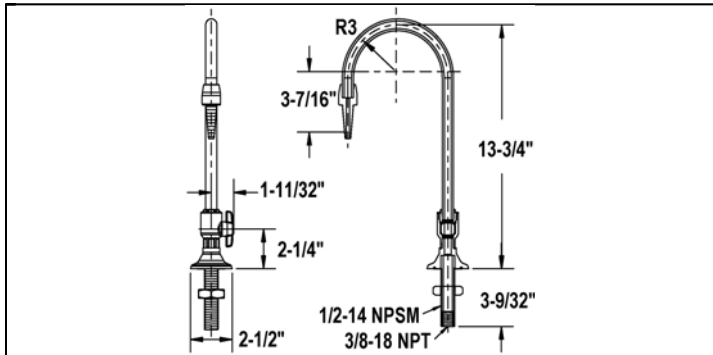
| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|------|
|-------------|----------|--------|----------|-----------|------|

Base, Gooseneck & Serrated Tip with Needle Valve-Metered Flow

| | | | | | |
|------------|-----------------|---|---|-----|--------|
| LF1000-N | PVC, PTFE Seal | 1 | 0 | 218 | 209.69 |
| LF1000-CN | CPVC, PTFE Seal | 1 | 0 | 219 | 261.81 |
| LF1000-BLN | LE, PTFE Seal | 1 | 0 | 066 | 417.03 |



Lab Fixtures

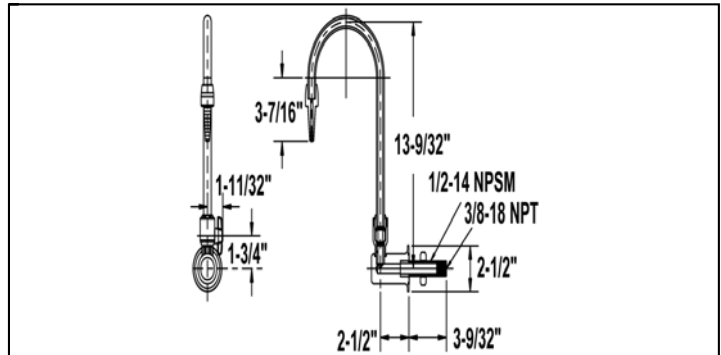


Gooseneck Units - Deck Mount Lab Fixture w/Ball Valve

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|------|
|-------------|----------|--------|----------|-----------|------|

Base, Gooseneck & Serrated Tip with Ball Valve-Direct Flow

| | | | | | |
|-----------|-----------------|---|---|-----|--------|
| LF1002 | PVC, EPDM Seal | 1 | 0 | 218 | 175.16 |
| LF1003 | PVC, FKM Seal | 1 | 0 | 218 | 194.61 |
| LF1002-C | CPVC, EPDM Seal | 1 | 0 | 219 | 218.95 |
| LF1003-C | CPVC, FKM Seal | 1 | 0 | 219 | 243.27 |
| LF1002-BL | LE, EPDM Seal | 1 | 0 | 066 | 348.75 |
| LF1003-BL | LE, FKM Seal | 1 | 0 | 066 | 387.51 |

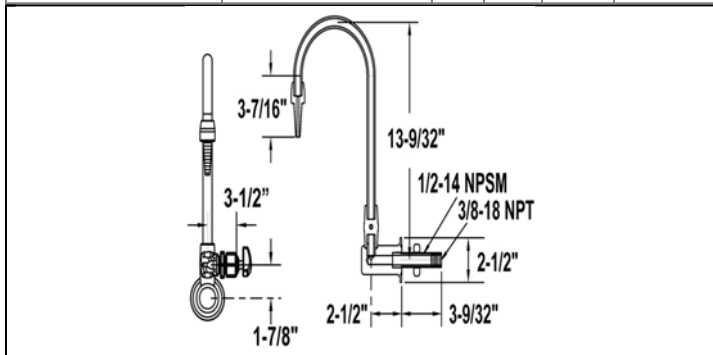


Standard Gooseneck Units - Panel Mount Lab Fixture -

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|------|
|-------------|----------|--------|----------|-----------|------|

with Ball Valve-Direct Flow

| | | | | | |
|----------|-----------------|---|---|-----|--------|
| LF2002 | PVC, EPDM Seal | 3 | 0 | 218 | 263.45 |
| LF2003 | PVC, FKM Seal | 3 | 0 | 218 | 292.75 |
| LF2002-C | CPVC, EPDM Seal | 1 | 0 | 219 | 329.34 |
| LF2003-C | CPVC, FKM Seal | 1 | 0 | 219 | 365.91 |

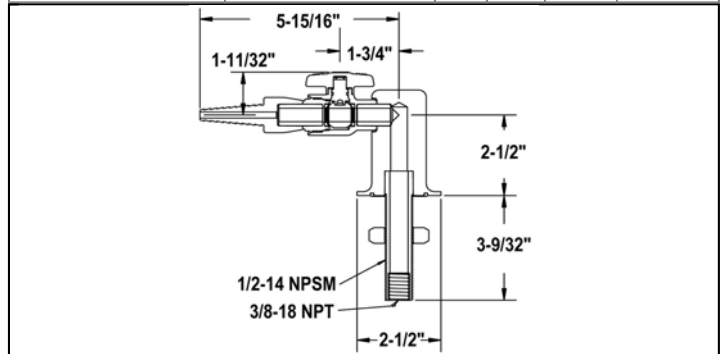


Gooseneck Units - Panel Mount Lab Fixture w/Needle Valve

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|------|
|-------------|----------|--------|----------|-----------|------|

Base, Gooseneck & Serrated Tip with Needle Valve-Metered Flow

| | | | | | |
|-----------|-----------------|---|---|-----|--------|
| LF2000-N | PVC, PTFE Seal | 1 | 0 | 218 | 305.61 |
| LF2000-CN | CPVC, PTFE Seal | 1 | 0 | 219 | 381.99 |



Turret Units - Deck Mount Turret Lab Fixtures Base w/Ball Valve

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|------|
|-------------|----------|--------|----------|-----------|------|

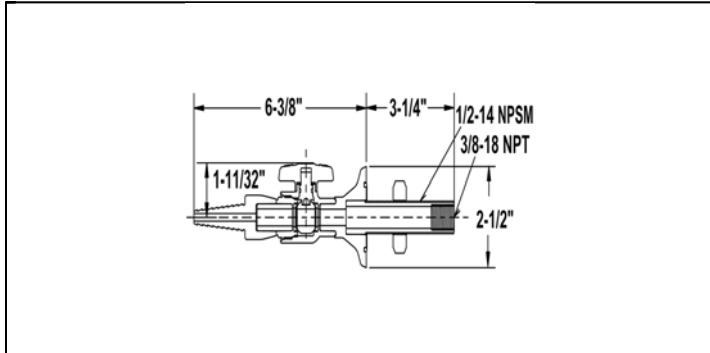
Turret Base & Serrated Tip with Ball Valve-Direct Flow

| | | | | | |
|----------|-----------------|---|---|-----|--------|
| LF4002 | PVC, EPDM Seal | 1 | 0 | 218 | 222.29 |
| LF4003 | PVC, FKM Seal | 1 | 0 | 218 | 246.99 |
| LF4002-C | CPVC, EPDM Seal | 1 | 0 | 219 | 277.86 |
| LF4003-C | CPVC, FKM Seal | 1 | 0 | 219 | 308.75 |



Lab Specialty Product
Lab Fixtures

Lab Fixtures

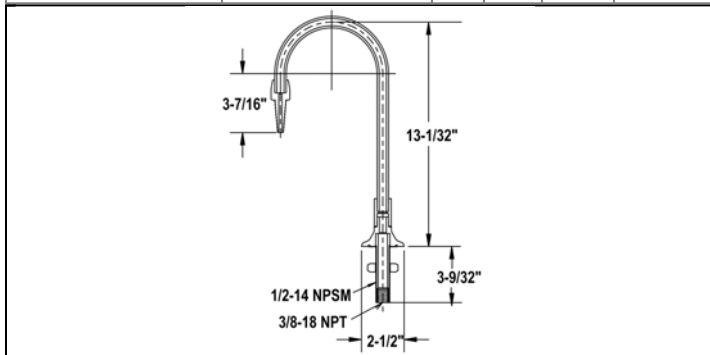


Turret Units - Panel Mount Turret Lab Fixture Base w/Ball Valve

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|------|
|-------------|----------|--------|----------|-----------|------|

Turret Base, Serrated Tip with Ball Valve-Direct Flow

| | | | | | |
|-----------|-----------------|---|---|-----|--------|
| LF3002 | PVC, EPDM Seal | 1 | 0 | 218 | 172.28 |
| LF3003 | PVC, FKM Seal | 1 | 0 | 218 | 191.45 |
| LF3002-C | CPVC, EPDM Seal | 1 | 0 | 219 | 215.39 |
| LF3003-C | CPVC, FKM Seal | 1 | 0 | 219 | 239.33 |
| LF3002-BL | LE, EPDM Seal | 1 | 0 | 066 | 343.04 |
| LF3003-BL | LE, FKM Seal | 1 | 0 | 066 | 381.21 |

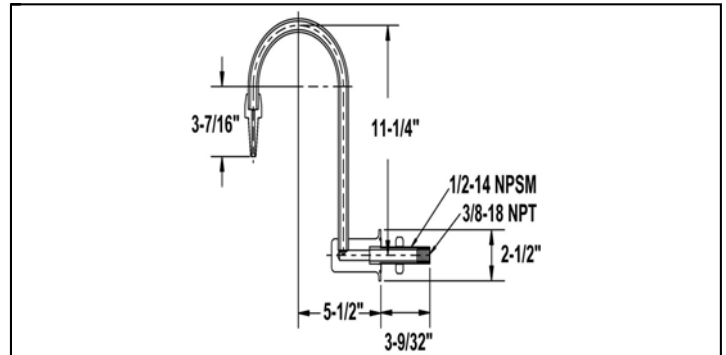


Remote Valve Units (No Valve) - Deck Mount Gooseneck -

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|------|
|-------------|----------|--------|----------|-----------|------|

Base, Gooseneck & Serrated Tip

| | | | | | |
|----------|------|---|---|-----|--------|
| LF100 | PVC | 1 | 0 | 218 | 143.75 |
| LF100-C | CPVC | 1 | 0 | 219 | 179.69 |
| LF100-BL | LE | 1 | 0 | 066 | 286.18 |

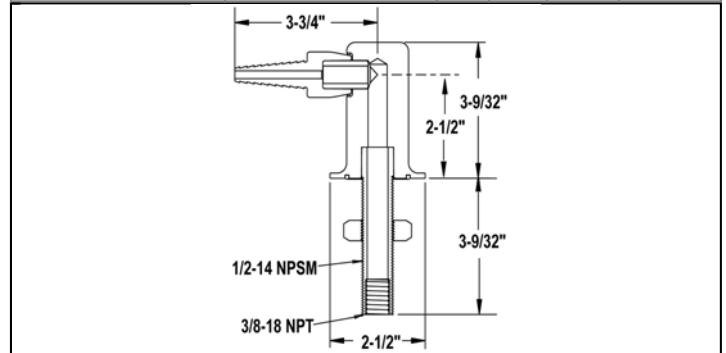


Remote Valve Units (No Valve) - Panel Mount Gooseneck -

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|------|
|-------------|----------|--------|----------|-----------|------|

Base, Gooseneck & Serrated Tip

| | | | | | |
|---------|------|---|---|-----|--------|
| LF104 | PVC | 1 | 0 | 218 | 177.55 |
| LF104-C | CPVC | 1 | 0 | 219 | 221.95 |

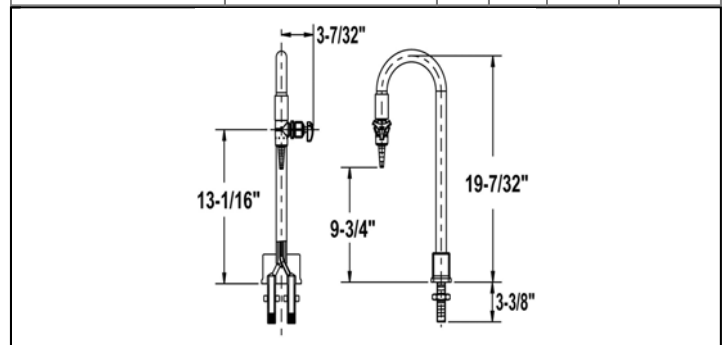


Remote Valve Units (No Valve) - Deck Mount Turret

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|------|
|-------------|----------|--------|----------|-----------|------|

Turret Base & Serrated Tip

| | | | | | |
|---------|------|---|---|-----|-------|
| LF300 | PVC | 1 | 0 | 218 | 47.37 |
| LF300-C | CPVC | 1 | 0 | 219 | 59.21 |



Gooseneck Recirculating Units -Deck Mount Lab Fixture w/Needle Valve

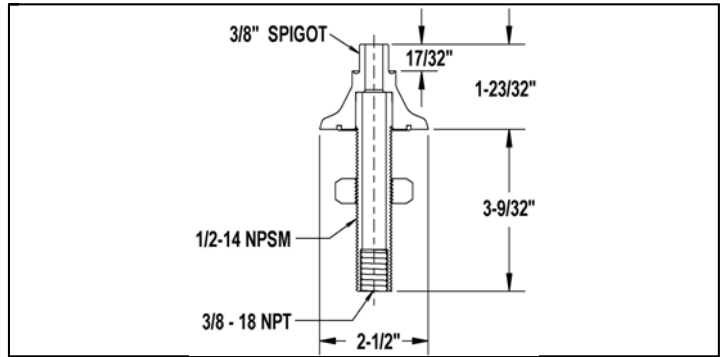
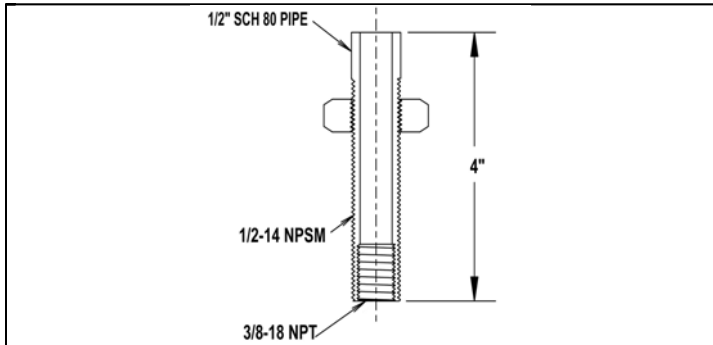
| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|------|
|-------------|----------|--------|----------|-----------|------|

Base, Gooseneck & Serrated Tip with Needle Valve-Metered Flow

| | | | | | |
|-------------|-----------------|---|---|-----|--------|
| LFR1000-N | PVC, PTFE Seal | 1 | 0 | 218 | 364.94 |
| LFR1000-CN | CPVC, PTFE Seal | 1 | 0 | 219 | 545.42 |
| LFR1000-BLN | LE, PTFE Seal | 1 | 0 | 066 | 868.76 |



Lab Fixtures

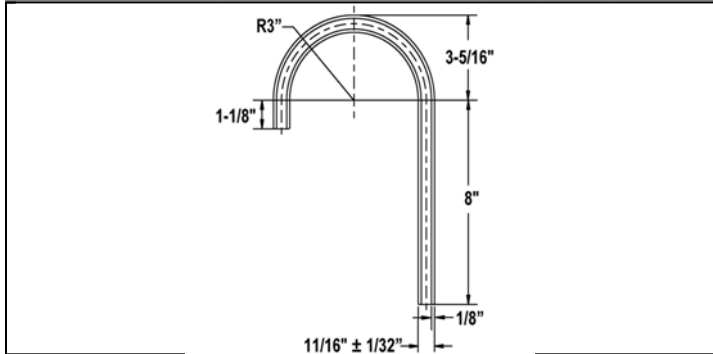


Accessory/ Replacement - Fixture Connection Nipple -

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|--|----------|--------|----------|-----------|-------|
| (included on all fixtures above) with Locknut | | | | | |
| LF500 | PVC | 1 | 0 | 218 | 23.78 |
| LF500-C | CPVC | 1 | 0 | 219 | 29.74 |
| LF500-BL | LE | 1 | 0 | 066 | 47.40 |

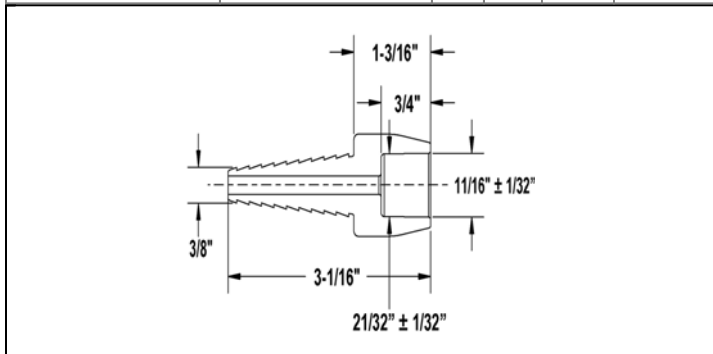
Accessory/ Replacement - Base

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------------|----------|--------|----------|-----------|-------|
| Deck Mount | | | | | |
| LFB | PVC | 1 | 0 | 218 | 8.72 |
| LFB-C | CPVC | 1 | 0 | 219 | 10.41 |
| LFB-BL | LE | 1 | 0 | 066 | 5.96 |



Accessory/ Replacement - Gooseneck (3/8")

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|-------|
| LFGN | PVC | 1 | 0 | 218 | 20.21 |
| LFGN-C | CPVC | 1 | 0 | 219 | 25.29 |
| LFGN-BL | LF | 1 | 0 | 066 | 40.28 |



Accessory/ Replacement - Straight Serrated Tip

| Part Number | Material | Std Pk | Mstr Ctn | Prod Code | MSRP |
|-------------|----------|--------|----------|-----------|------|
| LF400 | PVC | 600 | 0 | 218 | 4.27 |
| LF400-C | CPVC | 600 | 0 | 219 | 5.38 |
| LF400-BL | LE | 600 | 0 | 066 | 8.52 |