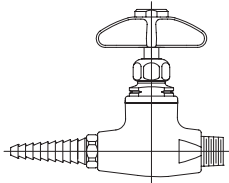


## L2870

Fine Control Needle Valve,  
Straight Pattern



**Application:** Precise flow regulation of laboratory gases. Ideal for special gases such as nitrogen, oxygen, helium and hydrogen. Valve is specially cleaned, lubricated and packaged for use with high purity gases.

**Valve Body:** Straight pattern forged brass.

**Valve Unit:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handle:** Forged brass four-arm handle with color-coded index disc.

**Inlet:** 3/8" NPT male inlet.

**Outlet:** 3/8" NPT female outlet with removable ten serration hose end.

**Quality Assurance:** Valve is fully assembled and factory tested prior to shipment.

### Additional Models

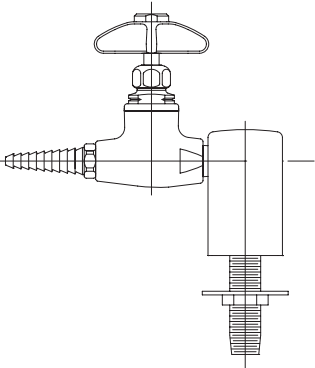
**L2872** Fine control needle valve with angle serrated hose end

**L2873** Fine control needle valve with quick connect fitting.

**L2874** Fine control needle valve with 1/4" OD compression fitting.

## L2870-131WSA

Fine Control Needle Valve,  
Deck Mounted



**Mounting:** Deck mounted turret base with single outlet.

**Valve Body:** Straight pattern forged brass.

**Valve Unit:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handle:** Forged brass four-arm handle with color-coded index disc.

**Inlet:** Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

**Outlet:** 3/8" NPT female outlet with removable ten serration hose end.

**Cleaning:** Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.

### Additional Models

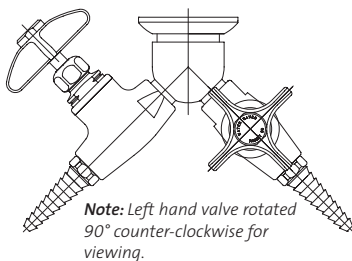
**L2870-132AWSA** Same as above except with two valves at 90 degrees.

**L2870-132SWSA** Same as above except with two valves at 180 degrees.

**L2870-134WSA** Same as above except with four valves.

## L2870-141FT

Double Fine Control Needle Valve,  
Wall Mounted



**Mounting:** For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation.

**Valve Bodies:** Straight pattern forged brass.

**Valve Units:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handles:** Forged brass four-arm handles with color-coded index discs.

**Inlet:** 3/8" NPT female inlet with threaded escutcheon.

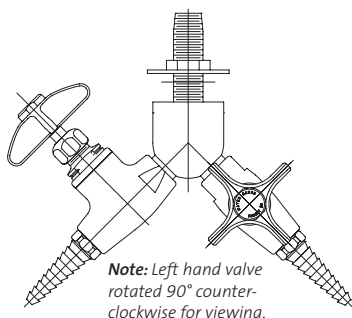
**Outlets:** 3/8" NPT female outlets with removable ten serration hose ends.

**Cleaning:** Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.

## L2870-141WSA

Double Fine Control Needle Valve,  
Panel / Overhead Mounted



**Mounting:** For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation.

**Valve Bodies:** Straight pattern forged brass.

**Valve Units:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handles:** Forged brass four-arm handles with color-coded index discs.

**Inlet:** Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

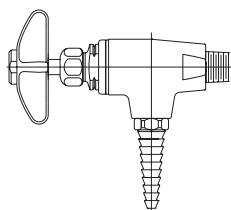
**Outlets:** 3/8" NPT female outlets with removable ten serration hose ends.

**Cleaning:** Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.

## L3170

Fine Control Needle Valve,  
Angle Pattern



**Application:** Precise flow regulation of laboratory gases. Ideal for special gases such as nitrogen, oxygen, helium and hydrogen. Valve is specially cleaned, lubricated and packaged for use with high purity gases.

**Valve Body:** Angle pattern forged brass.

**Valve Unit:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handle:** Forged brass four-arm handle with color-coded index disc.

**Inlet:** 3/8" NPT male inlet.

**Outlet:** 3/8" NPT female outlet with removable ten serration hose end.

**Quality Assurance:** Valve is fully assembled and factory tested prior to shipment.

### Additional Models

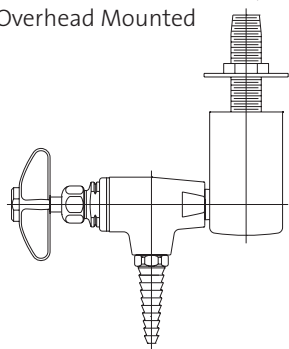
**L3172** Fine control needle valve with angle serrated hose end.

**L3173** Fine control needle valve with quick connect fitting.

**L3174** Fine control needle valve with 1/4" OD compression fitting.

## L3170-131WSA

Fine Control Needle Valve,  
Overhead Mounted



**Mounting:** Turret base with single outlet for mounting underneath reagent shelf.

**Valve Body:** Angle pattern forged brass.

**Valve Unit:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handle:** Forged brass four-arm handle with color-coded index disc.

**Inlet:** Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

**Outlet:** 3/8" NPT female outlet with removable ten serration hose end.

**Cleaning:** Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

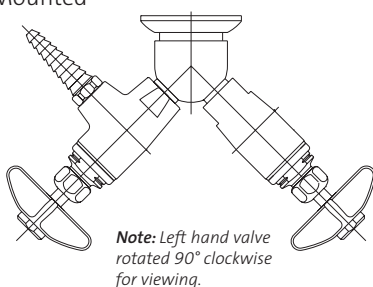
**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.

### Additional Model

**L3170-132SWSA** Same as above except with two valves at 180 degrees.

## L3170-141FT

Double Fine Control Needle Valve,  
Wall Mounted



**Mounting:** For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation.

**Valve Bodies:** Angle pattern forged brass.

**Valve Units:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handles:** Forged brass four-arm handles with color-coded index discs.

**Inlet:** 3/8" NPT female inlet with threaded escutcheon.

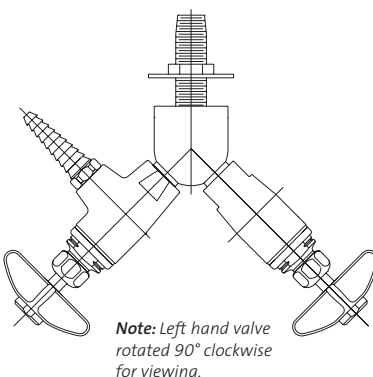
**Outlets:** 3/8" NPT female outlets with removable ten serration hose ends.

**Cleaning:** Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.

## L3170-141WSA

Double Fine Control Needle Valve,  
Panel / Overhead Mounted



**Mounting:** For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation.

**Valve Bodies:** Angle pattern forged brass.

**Valve Units:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handles:** Forged brass four-arm handles with color-coded index discs.

**Inlet:** Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

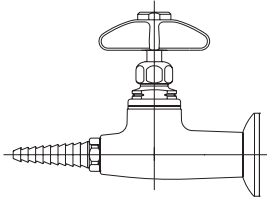
**Outlets:** 3/8" NPT female outlets with removable ten serration hose ends.

**Cleaning:** Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.

### L4870FT-325

Fine Control Needle Valve, Wall Mounted



**Mounting:** For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Valve is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

**Valve Body:** Straight pattern forged brass.

**Valve Unit:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handle:** Forged brass four-arm handle with color-coded index disc.

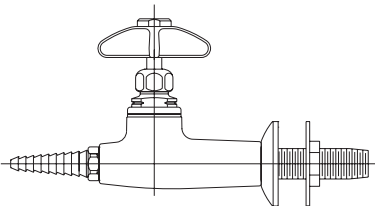
**Inlet:** 3/8" NPT female inlet.

**Outlet:** 3/8" NPT female outlet with removable ten serration hose end.

**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.

### L4870F-225WSA

Fine Control Needle Valve, Panel / Overhead Mounted



**Mounting:** For installation on vertical or horizontal surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

**Valve Body:** Straight pattern forged brass.

**Valve Unit:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handle:** Forged brass four-arm handle with color-coded index disc.

**Inlet:** Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

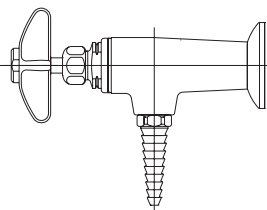
**Outlet:** 3/8" NPT female outlet with removable ten serration hose end.

**Cleaning:** Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.

### L5170FT-325

Fine Control Needle Valve, Wall Mounted



**Mounting:** For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Valve is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

**Valve Body:** Angle pattern forged brass.

**Valve Unit:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handle:** Forged brass four-arm handle with color-coded index disc.

**Inlet:** 3/8" NPT female inlet.

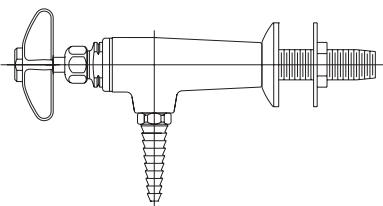
**Outlet:** 3/8" NPT female outlet with removable ten serration hose end.

**Cleaning:** Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.

### L5170F-225WSA

Fine Control Needle Valve, Panel Mounted



**Mounting:** For installation on vertical surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

**Valve Body:** Angle pattern forged brass.

**Valve Unit:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handle:** Forged brass four-arm handle with color-coded index disc.

**Inlet:** Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

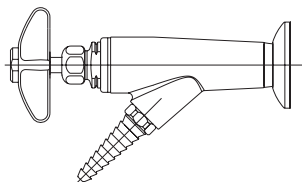
**Outlet:** 3/8" NPT female outlet with removable ten serration hose end.

**Cleaning:** Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.

### L5270FT-325

Fine Control Needle Valve, Wall Mounted



**Mounting:** For installation on vertical surfaces (such as drywall) where there is no access behind wall during installation. Valve is threaded onto nipple stubbed out of wall. Threaded escutcheon is then backed up to wall to secure valve and conceal pipe.

**Valve Body:** Angle pattern forged brass with angled outlet.

**Valve Unit:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handle:** Forged brass four-arm handle with color-coded index disc.

**Inlet:** 3/8" NPT female inlet.

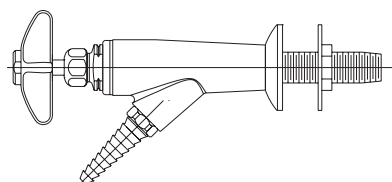
**Outlet:** 3/8" NPT female angled outlet with removable ten serration hose end.

**Cleaning:** Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

**Quality Assurance:** Valve is fully assembled and factory tested prior to shipment.

### L5270F-225WSA

Fine Control Needle Valve, Panel Mounted



**Mounting:** For installation on vertical surfaces (such as pipe chases and service carriers) where there is access behind surface during installation. Threaded mounting shank is inserted through hole in surface and secured with locknut and washer.

**Valve Body:** Angle pattern forged brass with angled outlet.

**Valve Unit:** Floating tapered stainless steel needle and replaceable stainless steel seat.

**Handle:** Forged brass four-arm handle with color-coded index disc.

**Inlet:** 3/8" NPT female inlet.

**Outlet:** 3/8" NPT female angled outlet with removable ten serration hose end.

**Cleaning:** Fixture is specially cleaned, lubricated, assembled and packaged for use with high purity gases, including oxygen.

**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.