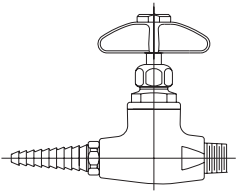


**L2880**

Needle Valve, Straight Pattern



**Application:** Flow regulation of all laboratory gases, including special gases such as nitrogen, oxygen, helium and hydrogen. When ordered, valve may be specially cleaned, lubricated and packaged for pure gas service. Valve is certified for natural gas service by CSA International.

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

**Valve Unit:** Floating 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**

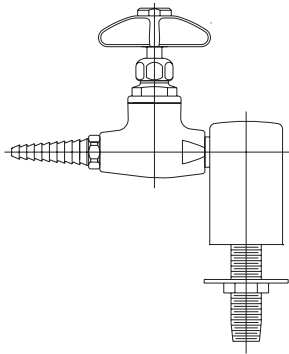
**L2882** Needle valve with angle serrated hose end.

**L2883** Needle valve with quick connect fitting.

**L2884** Needle valve with 1/4" OD compression fitting.

**L2880-131WSA**

Needle Valve, Deck Mounted



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

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

**Valve Unit:** Floating 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.

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

**Additional Models**

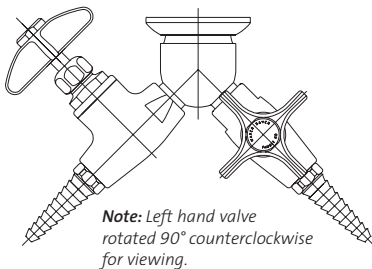
**L2880-132AWSA** Same as above except with two valves at 90 degrees.

**L2880-132SWSA** Same as above except with two valves at 180 degrees.

**L2880-134WSA** Same as above except with four valves.

**L2880-141FT**

Double 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 stainless steel needle and replaceable stainless steel seat.

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

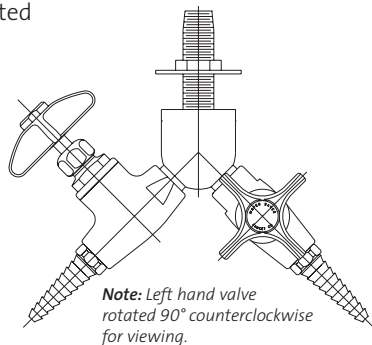
**Inlet:** 3/8" NPT female inlet with threaded escutcheon.

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

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

**L2880-141WSA**

Double 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 stainless steel needle and replaceable stainless steel seat.

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

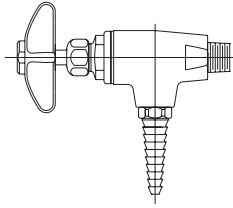
**Inlet:** Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

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

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

## L3180

Needle Valve, Angle Pattern



**Application:** Flow regulation of all laboratory gases, including special gases such as nitrogen, oxygen, helium and hydrogen. When ordered, valve may be specially cleaned, lubricated and packaged for pure gas service. Valve is certified for natural gas service by CSA International.

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

**Valve Unit:** Floating 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**

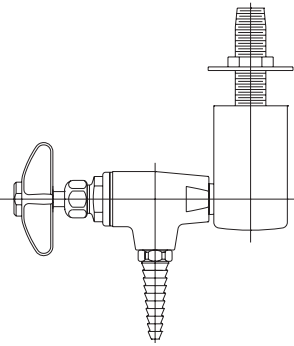
**L3182** Needle valve with angle serrated hose end.

**L3183** Needle valve with quick connect fitting.

**L3184** Needle valve with 1/4" OD compression fitting.

## L3180-131WSA

Needle Valve, Overhead Mounted



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

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

**Valve Unit:** Floating 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.

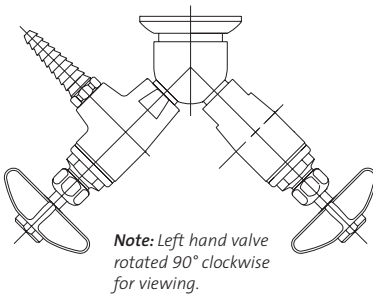
**Quality Assurance:** Fixture is fully assembled and factory tested prior to shipment.

**Additional Model**

**L3180-132SWSA** Same as above except with two valves at 180 degrees.

## L3180-141FT

Double Needle Valve, Wall Mounted



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

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

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

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

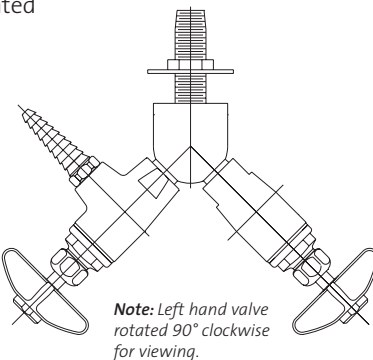
**Inlet:** 3/8" NPT female inlet.

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

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

## L3180-141WSA

Double 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 Bodies:** Angle pattern forged brass.

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

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

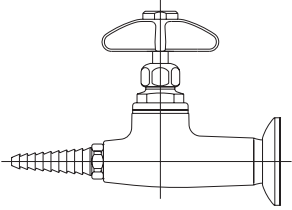
**Inlet:** Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

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

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

**L4880FT-325**

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 stainless steel needle and replaceable stainless steel seat.

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

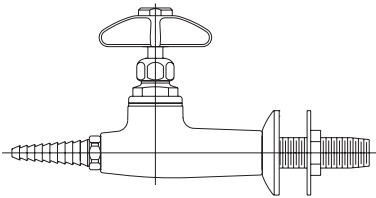
**Inlet:** 3/8" NPT female inlet.

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

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

**L4880F-225WSA**

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 stainless steel needle and replaceable stainless steel seat.

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

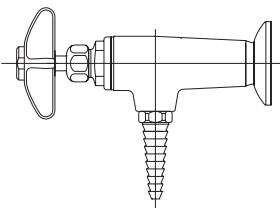
**Inlet:** Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

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

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

**L5180FT-325**

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 stainless steel needle and replaceable stainless steel seat.

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

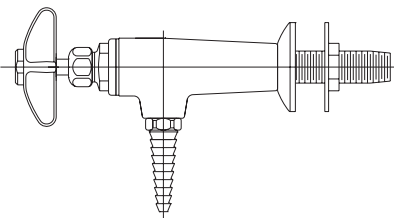
**Inlet:** 3/8" NPT female inlet.

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

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

**L5180F-225WSA**

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 stainless steel needle and replaceable stainless steel seat.

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

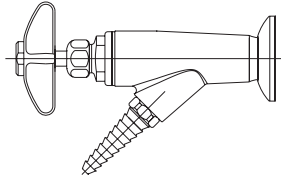
**Inlet:** Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

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

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

### L5280FT-325

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 stainless steel needle and replaceable stainless steel seat.

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

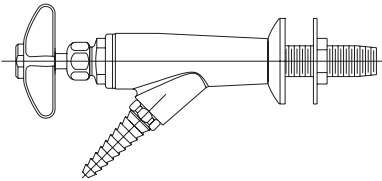
**Inlet:** 3/8" NPT female inlet.

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

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

### L5280F-225WSA

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 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 angled outlet with removable ten serration hose end.

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