

# L2880

Needle Valve, Straight Pattern



## L2880-131WSA

Needle Valve, Deck Mounted



L2880-141FT Double Needle Valve, Wall Mounted



**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.

**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.

**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 stainless steel needle and replaceable stainless steel seat.

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

**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.

**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. Distributed by:

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**Inlet:** 3/8" NPT female inlet with adjustable 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: Straight 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	<b>Application:</b> 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.	Inlet: 3/8" NPT male inlet.			
		<b>Outlet:</b> 3/8" NPT female outlet with removable ten serration hose end.			
		<b>Quality Assurance:</b> Valve is fully assembled and factory tested prior to shipment.			
	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.	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	<b>Mounting:</b> Turret base with single outlet for mounting underneath reagent shelf.	<b>Outlet:</b> 3/8" NPT female outlet with removable ten serration hose end.
				Valve Body: Angle pattern forged brass.	<b>Quality Assurance:</b> Fixture is fully assembled and factory tested prior to shipment.
Valve Unit: Floating stainless steel needle and replaceable stainless steel seat.					
Handle: Forged brass four-arm handle with color-coded index disc.	Additional Model L3180-132SWSA: Same as above except with two valves at 180 degrees.				
<b>Inlet:</b> Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.	Distributed by:				
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L3180-141FT Double Needle Valve, Wall Mounted	<b>Mounting:</b> 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.	Handles: Forged brass four-arm handle with color-coded index discs.			
		Inlet: 3/8" NPT female inlet with adjustable escutcheon.			
		<b>Outlets:</b> 3/8" NPT female outlets with removable ten serration hose ends.			
	Valve Bodies: Angle pattern forged brass.	<b>Quality Assurance:</b> Fixture is fully assembled and factory tested prior to shipment.			
	Valve Units: Floating stainless steel needle and replaceable stainless steel seat.				
L3180-141WSA Double Needle Valve, Panel/Overhead Mounted	<b>Mounting:</b> For installation on vertical or horizontal surfaces (such as pipe chases	Outlets: 3/8" NPT female outlets with			
	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.	<b>Quality Assurance:</b> Fixture is fully assembled and factory tested prior to shipment.			
	Handles: Forged brass four-arm handles with color-coded index discs.				



Handle: Forged brass four-arm handle Mounting: For installation on vertical L4880FT-325 surfaces (such as drywall) where there is with color-coded index disc. Needle Valve, Wall Mounted no access behind wall during installation. Inlet: 3/8" NPT female inlet with Valve is threaded onto nipple stubbed adjustable escutcheon. out of wall. Threaded escutcheon is then backed up to wall to secure valve and Outlet: 3/8" NPT female outlet with conceal pipe. removable ten serration hose end. Valve Body: Straight pattern forged brass. Quality Assurance: Fixture is fully assembled and factory tested prior to Valve Unit: Floating stainless steel needle shipment. and replaceable stainless steel seat. L4880F-225WSA Mounting: For installation on vertical or Inlet: Furnished with 3/8" IPS mounting horizontal surfaces (such as pipe chases shank (assembled), locknut and washer. Needle Valve, Panel/Overhead Mounted and service carriers) where there is 3/8" NPT male inlet. access behind surface during installation. Outlet: 3/8" NPT female outlet with Threaded mounting shank is inserted removable ten serration hose end. through hole in surface and secured with locknut and washer. Quality Assurance: Fixture is fully assembled and factory tested prior to Valve Body: Straight pattern forged brass. shipment. Valve Unit: Floating stainless steel needle and replaceable stainless steel seat. Handle: Forged brass four-arm handle with color-coded index disc. Mounting: For installation on vertical Handle: Forged brass four-arm handle L5180FT-325 surfaces (such as drywall) where there is with color-coded index disc. Needle Valve, Wall Mounted no access behind wall during installation. Inlet: 3/8" NPT female inlet with Valve is threaded onto nipple stubbed adjustable escutcheon. out of wall. Threaded escutcheon is then backed up to wall to secure valve and Outlet: 3/8" NPT female outlet with conceal pipe. removable ten serration hose end. Valve Body: Angle pattern forged brass. Quality Assurance: Fixture is fully assembled and factory tested prior to Valve Unit: Floating stainless steel needle shipment. and replaceable stainless steel seat. L5180F-225WSA Mounting: For installation on vertical Inlet: Furnished with 3/8" IPS mounting surfaces (such as pipe chases and service shank (assembled), locknut and washer. Needle Valve. Panel Mounted carriers) where there is access behind 3/8" NPT male inlet. surface during installation. Threaded Outlet: 3/8" NPT female outlet with mounting shank is inserted through hole removable ten serration hose end. in surface and secured with locknut and washer. Quality Assurance: Fixture is fully assembled and factory tested prior to Valve Body: Angle pattern forged brass. shipment. Valve Unit: Floating stainless steel needle and replaceable stainless steel seat. Distributed by: Safety Emporium Handle: Forged brass four-arm handle

with color-coded index disc.

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#### L5280FT-325

Needle Valve, Wall Mounted, Angle Outlet



L5280F-225WSA Needle Valve, Panel Mounted, Angle Outlet



#### 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.

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: 3/8" NPT female inlet with adjustable escutcheon.

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.

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.

#### **Options for Needle Valves**



BO183 Compression Fitting: Compression fitting for 3/8" OD tube. Polished chrome



plated finish. 3/8" NPT male inlet, 3/8" OD compression outlet.

BO183-1/4 Compression Fitting: Compression fitting for 1/4" OD tube. Polished chrome plated finish. 3/8" NPT male inlet, 1/4" OD compression outlet.

BO191-2M Quick Connect Fitting: Body has internal shut-off valve. Polished chrome plated finish. 3/8" NPT male inlet, 1/4" NPT male outlet.

BO191-3M: Same as above except with 3/8" NPT male outlet.

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