

L739

Panel Mounted Valve, Angle Face Fume Hood



Application: Panel mounted valve for installation on angle face of hood. Valve handle is perpendicular to angle face.

Installation: Valve is installed from behind panel and is secured with external locking ring and escutcheon on front of hood. Specify left hand or right hand mounting when ordering.

Valve Body: Forged brass.

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

Inlet/Outlet: 3/8" NPT female inlet and outlet.

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

Models

L739LFCN/L739RFCN: Fine control needle valve construction.

L739LN/L739RN: Needle valve construction.

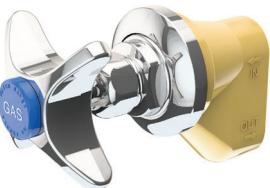
L739LS/L739RS: Steam valve construction.

L739LW/L739RW: Water valve construction.

L739LWTL/L739RWTL: Tin-lined water valve construction for pure water.

L740

Panel Mounted Valve, Straight Face Fume Hood



Application: Panel mounted valve for installation on straight face of hood.

Installation: Valve is installed from behind panel and is secured with external locking ring on front of hood.

Valve Body: Forged brass.

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

Inlet/Outlet: 3/8" NPT female inlet and outlet.

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

Models

L740FCN: Fine control needle valve construction.

L740N: Needle valve construction.

L740S: Steam valve construction.

L740W: Water valve construction.

L740WTL: Tin-lined water valve construction for pure water.

L751

Panel Mounted Valve, Straight Face Fume Hood



Application: Panel mounted valve for installation on straight face of hood.

Installation: Valve is installed from front exterior face of hood and is secured from behind panel with locknut and set screws.

Valve Body: Forged brass.

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

Inlet/Outlet: 1/4" NPT female inlet and outlet.

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

Models

L751FCN: Fine control needle valve construction.

L751N: Needle valve construction.

L751S: Steam valve construction.

L751W: Water valve construction.

L751WTL: Tin-lined water valve construction for pure water.

LPM4200V

Panel Mounted Ball Valve, Straight Face Fume Hood



Application: Panel mounted remote control ball valve for installation on straight face of hood.

Installation: Valve is installed from behind panel and is secured with external locking ring on front of hood. Valve is designed for vertical mounting. If horizontal mounting is required, order LPM4200H series. Specify left hand or right hand mounting when ordering.

Valve Body: Brass bar stock.

Handle: Forged brass lever handle with color-coded index disc.

Inlet/Outlet: 3/8" NPT female inlet and outlet.

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

Note: If valve for horizontal mounting is required, use suffix "H".

L2885

Rod-Type Valve, Straight Pattern



Application: Rod-type straight pattern valve for installation within side wall or underneath deck of hood. Valve inlet and outlet are at 180 degrees. Furnished complete with anodized aluminum extension rod, guide plate and handle.

Valve Body: Forged brass.

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

Inlet/Outlet: 3/8" NPT female inlet and outlet.

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

Models

L2885FCN: Fine control needle valve construction.

L2885N: Needle valve construction.

L2885S: Steam valve construction.

L2885W: Water valve construction.

L2885WTL: Tin-lined water valve construction for pure water.

L3185

Rod-Type Valve, Angle Pattern



Application: Angle pattern valve for installation within side wall of hood. Valve inlet and outlet are at 90 degrees. Furnished complete with anodized aluminum extension rod, guide plate and handle.

Valve Body: Forged brass.

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

Inlet/Outlet: 3/8" NPT female inlet and outlet.

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

Models

L3185FCN: Fine control needle valve construction.

L3185N: Needle valve construction.

L3185S: Steam valve construction.

L3185W: Water valve construction.

L3185WTL: Tin-lined water valve construction for pure water.

L4285H

Rod-Type Ball Valve, Horizontal Mounting



Application: Remote control ball valve for water and gases. Valve provides on/off control of service, is certified for natural gas service by CSA International and is recommended for ADA-compliant applications.

Installation: Valve is mounted in horizontal position within side wall or underneath deck of hood. Furnished complete with anodized aluminum extension rod, guide plate and handle.

Valve Body: Forged brass.

Handle: Forged brass lever handle with color-coded index disc.

Inlet/Outlet: 3/8" NPT female inlet and outlet.

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

Models

L4285HLB: For mounting on left hand side of hood.

L4285HRB: For mounting on right hand side of hood.

L4285V

Rod-Type Ball Valve, Vertical Mounting



Application: Remote control ball valve for water and gases. Valve provides on/off control of service, is certified for natural gas service by CSA International and is recommended for ADA-compliant applications.

Installation: Valve is mounted in vertical position within side wall or underneath deck of hood. Furnished complete with anodized aluminum extension rod, guide plate and handle.

Valve Body: Forged brass.

Handle: Forged brass lever handle with color-coded index disc.

Inlet/Outlet: 3/8" NPT female inlet and outlet.

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

Models

L4285VLB: For mounting on left hand side of hood.

L4285VRB: For mounting on right hand side of hood.

Finish

Unless otherwise noted, outlet fittings are brass with a powder coated finish. The finish is color-coded to match the fixture service index color. Standard index colors are as follows:

Service	Color
Air	Orange
Argon	Violet
Carbon Dioxide	Pink
Cold Water	Green
Deionized Water	White
Distilled Water	White
Gas	Blue

Service	Color
Hot Water	Red
Hot/Cold Water	Dark Gray
Hydrogen	Pink
Nitrogen	Brown
Oxygen	Lt. Green
Special Gas	Lt. Blue
Steam	Black
Vacuum	Yellow



L020WSA

Panel mounted flange with straight ten serration hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.



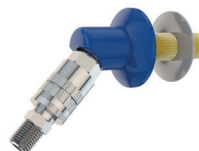
L021WSA

Molded nylon panel mounted 45 degree angle flange with nylon ten serration hose end. Available colors are black, blue, brown, green, orange, white and yellow. Furnished with 3/8" IPS brass mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.



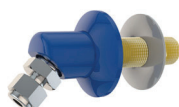
L022WSA

Panel mounted 45 degree angle flange with ten serration hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.



L023WSA

Panel mounted 45 degree angle flange with quick connect fitting. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.



L024WSA

Panel mounted 45 degree angle flange with 1/4" OD compression fitting. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.



L036WSA

Deck mounted turret 30 degree angle ten serration hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.



L050WSA

Deck or panel mounted 90 degree angle body with removable anti-splash serrated hose end. 2-1/8" from panel to hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.



L051WSA

Deck or panel mounted 90 degree angle body with removable anti-splash serrated hose end. 3-1/2" from panel to hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.



L052WSA

Panel mounted 90 degree angle body with removable anti-splash serrated hose end. 6" from panel to hose end. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.



L071WSA

Panel mounted body with 6" rigid gooseneck. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

L074WSA

Same as above except with rigid/swing gooseneck.



L071VB-WSA

Panel mounted body with 6" rigid vacuum breaker gooseneck. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

L074VB-WSA

Same as above except with rigid/swing vacuum breaker gooseneck.



L081WSA

Deck mounted body with 6" rigid vacuum breaker gooseneck. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

L084WSA

Same as above except with rigid/swing gooseneck.



L081VB-WSA

Deck mounted body with 6" rigid vacuum breaker gooseneck. Furnished with 3/8" IPS mounting shank (assembled), locknut and washer. 3/8" NPT male inlet.

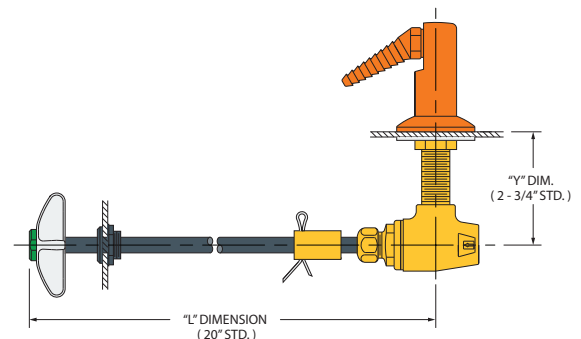
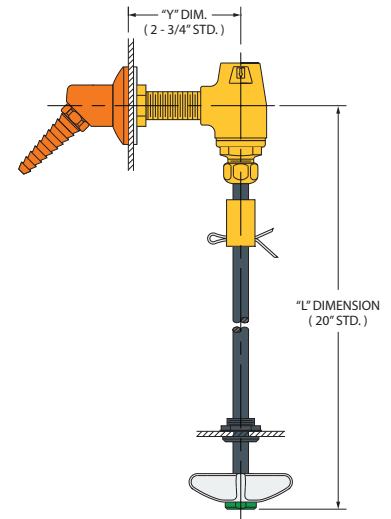
L084VB-WSA

Same as above except with rigid/swing vacuum breaker gooseneck.

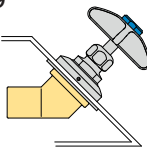
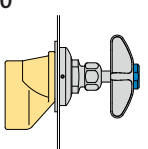
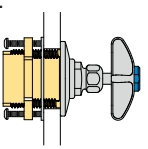
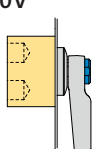
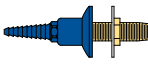
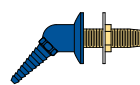
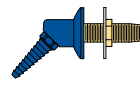
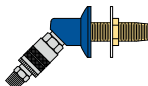
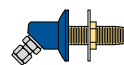
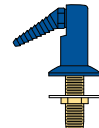
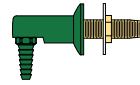


Ordering Instructions for Remote Control Assemblies

To order remote control assemblies, please proceed as follows:

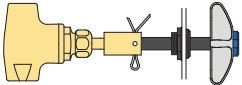
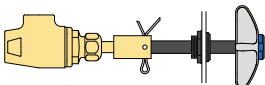
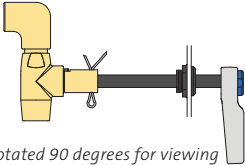
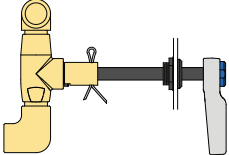
- Select the desired remote control valve from pages 44-45.
Specify:
 - Valve construction (by including the suffix "FCN" for fine control needle valve, "N" for needle valve, "S" for steam valve, "W" for water valve or "WTL" for tin-lined water valve).
 - Valve service (cold water, gas, air, vacuum, etc.).
 - For L739, LPM4200 and L4285 valves, whether valve is for right hand or left hand mounting.
- Select the desired outlet fitting from pages 46-47. Outlet fittings are furnished with a color-coded epoxy finish as standard. Please specify if a different finish is desired.
- From the table on pages 48-51, find the desired valve and outlet fitting. Read across and down to find the correct assembly number.
- For assemblies using rod-type valves, specify:
 - "L" dimension, measured from the top of the index disc to the center line of the valve. If the "L" dimension is not specified, a standard dimension of 20" will be furnished.
 - "Y" dimension, measured from the center line of the valve to the back of the flange or body on the outlet fitting. If the "Y" dimension is not specified, a standard dimension of 2-3/4" will be furnished.
 - Type of guide plate desired, as follows:
 - PA:** Black nylon flat guide plate with screws for straight panel.
 - PB:** Black nylon threaded guide plate with locknut for straight panel.
 - PC:** Black nylon 45 degree angle guide plate.
 - PD:** Black nylon press-in guide bushing for straight panel.



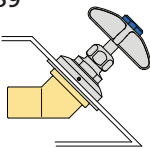
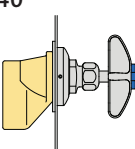
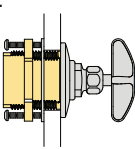
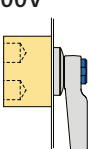
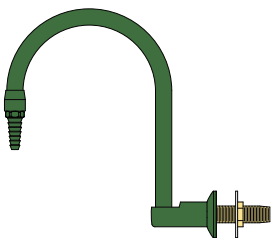
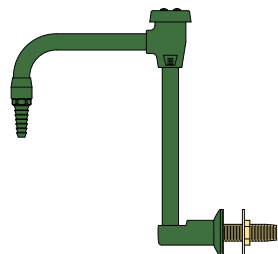
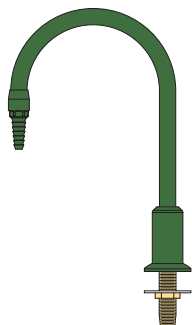
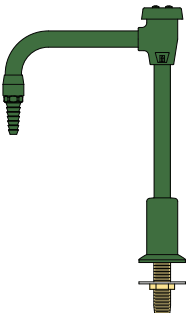
Ordering Table for Remote Control Assemblies

Outlet Fittings	Remote Control Valves			
	L739 	L740 	L751 	LPM4200V 
L020WSA 	L739_-KR	L740_-KR	L751_-KR	LPM4200VLB-KR LPM4200VRB-KR
L021WSA 	L739_-LRP	L740_-LRP	L751_-LRP	LPM4200VLB-LRP LPM4200VRB-LRP
L022WSA 	L739_-LR	L740_-LR	L751_-LR	LPM4200VLB-LR LPM4200VRB-LR
L023WSA 	L739_-QR	L740_-QR	L751_-QR	LPM4200VLB-QR LPM4200VRB-QR
L024WSA 	L739_-MR	L740_-MR	L751_-MR	LPM4200VLB-MR LPM4200VRB-MR
L036WSA 	L739_-8	L740_-8	L751_-8	LPM4200VLB-8 LPM4200VRB-8
L050WSA 	L739_-7	L740_-7	L751_-7	LPM4200VLB-7 LPM4200VRB-7
L051WSA 	L739_-5	L740_-5	L751_-5	LPM4200VLB-5 LPM4200VRB-5
L052WSA 	L739_-4	L740_-4	L751_-4	LPM4200VLB-4 LPM4200VRB-4

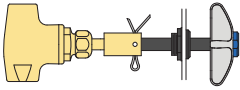
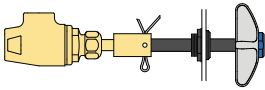
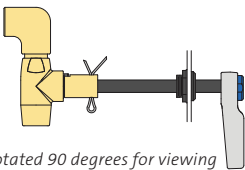
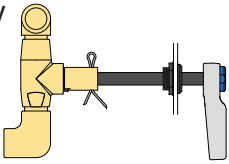
Ordering Table for Remote Control Assemblies

L2885 	L3185 	L4285H  <i>Note: Valve rotated 90 degrees for viewing</i>	L4285V 
L2885_-KR	L3185_-KR	L4285HLB-KR L4285HRB-KR	L4285VLB-KR L4285VRB-KR
L2885_-LRP	L3185_-LRP	L4285HLB-LRP L4285HRB-LRP	L4285VLB-LRP L4285VRB-LRP
L2885_-LR	L3185_-LR	L4285HLB-LR L4285HRB-LR	L4285VLB-LR L4285VRB-LR
L2885_-QR	L3185_-QR	L4285HLB-QR L4285HRB-QR	L4285VLB-QR L4285VRB-QR
L2885_-MR	L3185_-MR	L4285HLB-MR L4285HRB-MR	L4285VLB-MR L4285VRB-MR
L2885_-8	L3185_-8	L4285HLB-8 L4285HRB-8	L4285VLB-8 L4285VRB-8
L2885_-7	L3185_-7	L4285HLB-7 L4285HRB-7	L4285VLB-7 L4285VRB-7
L2885_-5	L3185_-5	L4285HLB-5 L4285HRB-5	L4285VLB-5 L4285VRB-5
L2885_-4	L3185_-4	L4285HLB-4 L4285HRB-4	L4285VLB-4 L4285VRB-4

Ordering Table for Remote Control Assemblies

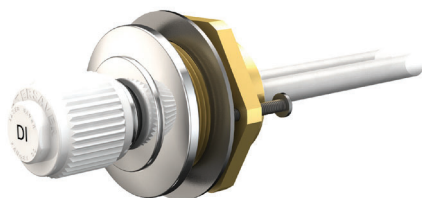
	Remote Control Valves			
	L739 	L740 	L751 	LPM4200V 
Outlet Fittings L071WSA Rigid L074WSA Rigid/Swing 	L739_W-9 L739_W-9RS	L740W-9 L740W-9RS	L751W-9 L751W-9RS	LPM4200VLB-9 LPM4200VLB-9RS LPM4200VRB-9 LPM4200VRB-9RS
L071VB-WSA Rigid L074VB-WSA Rigid/Swing 	L739_W-9VB L739_W-9RSVB	L740W-9VB L740W-9RSVB	L751W-9VB L751W-9RSVB	LPM4200VLB-9VB LPM4200VLB-9RSVB LPM4200VRB-9VB LPM4200VRB-9RSVB
L081WSA Rigid L084WSA Rigid/Swing 	L739_W-6 L739_W-6RS	L740W-6 L740W-6RS	L751W-6 L751W-6RS	LPM4200VLB-6 LPM4200VLB-6RS LPM4200VRB-6 LPM4200VRB-6RS
L081VB-WSA Rigid L084VB-WSA Rigid/Swing 	L739_W-6VB L739_W-6RSVB	L740W-6VB L740W-6RSVB	L751W-6VB L751W-6RSVB	LPM4200VLB-6VB LPM4200VLB-6RSVB LPM4200VRB-6VB LPM4200VRB-6RSVB

Ordering Table for Remote Control Assemblies

L2885 	L3185 	L4285H  <i>Note: Valve rotated 90 degrees for viewing</i>	L4285V 
L2885W-9 L2885W-9RS	L3185W-9 L3185W-9RS	L4285HLB-9 L4285HLB-9RS L4285HRB-9 L4285HRB-9RS	L4285VLB-9 L4285VLB-9RS L4285VRB-9 L4285VRB-9RS
L2885W-9VB L2885W-9RSVB	L3185W-9VB L3185W-9RSVB	L4285HLB-9VB L4285HLB-9RSVB L4285HRB-9VB L4285HRB-9RSVB	L4285VLB-9VB L4285VLB-9RSVB L4285VRB-9VB L4285VRB-9RSVB
L2885W-6 L2885W-6RS	L3185W-6 L3185W-6RS	L4285HLB-6 L4285HLB-6RS L4285HRB-6 L4285HRB-6RS	L4285VLB-6 L4285VLB-6RS L4285VRB-6 L4285VRB-6RS
L2885W-6VB L2885W-6RSVB	L3185W-6VB L3185W-6RSVB	L4285HLB-6VB L4285HLB-6RSVB L4285HRB-6VB L4285HRB-6RSVB	L4285VLB-6VB L4285VLB-6RSVB L4285VRB-6VB L4285VRB-6RSVB

L7750W-PPL

Panel Mounted Pure Water Valve, Straight Face Fume Hood, Polypropylene-Lined



Application: Panel mounted fume hood valve for distilled, deionized or reverse osmosis water. Valve is designed for straight face hood. Valve has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Installation: Valve is installed from front exterior face of hood and is secured from behind panel with locknut and set screws.

Valve Body: Brass bar stock.

Valve Unit: Diaphragm-type valve with brass valve stem and bonnet and inert PTFE diaphragm. Valve has manual on/off control.

Handle: White nylon knurled handle with color-coded index disc.

Inlet/Outlet: 3/8" OD polypropylene tubes.

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

L7759W-PPL

Panel Mounted Pure Water Valve, Angle Face Fume Hood, Polypropylene-Lined



Application: Panel mounted fume hood valve for distilled, deionized or reverse osmosis water. Valve is designed for angle face hood. Valve has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Installation: Valve is installed from front exterior face of hood and is secured from behind panel with locknut and set screws. Specify left hand or right hand mounting when ordering.

Valve Body: Brass bar stock.

Valve Unit: Diaphragm-type valve with brass valve stem and bonnet and inert PTFE diaphragm. Valve has manual on/off control.

Handle: White nylon knurled handle with color-coded index disc.

Inlet/Outlet: 3/8" OD polypropylene tubes.

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

L7051WSA-PPL

Fume Hood Outlet Fitting, Panel Mounted, Polypropylene-Lined



Application: Panel mounted polypropylene-lined outlet fitting for distilled, deionized and reverse osmosis water. Fitting has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Body: Brass bar stock body and flange. 3-1/2" from panel to serrated hose end.

Inlet: Furnished with 3/8" IPS brass mounting shank (assembled), locknut and washer. Pure water inlet is 3/8" OD

polypropylene tube.

Outlet: Polypropylene serrated hose end.

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

Additional Model

L7051-7110WSA-PPL: Same as above except with polypropylene vacuum breaker.

Note: If 1/4" NPT male outlet is required in place of hose end, add suffix "-1/4".

L7052WSA-PPL

Fume Hood Outlet Fitting, Panel Mounted, Polypropylene-Lined



Application: Panel mounted polypropylene-lined outlet fitting for distilled, deionized and reverse osmosis water. Fitting has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Body: Brass bar stock body and flange. 6" from panel to serrated hose end.

Inlet: Furnished with 3/8" IPS brass mounting shank (assembled), locknut and washer. Pure water inlet is 3/8" OD

polypropylene tube.

Outlet: Polypropylene serrated hose end.

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

Additional Model

L7052-7110WSA-PPL: Same as above except with polypropylene vacuum breaker.

Note: If 1/4" NPT male outlet is required in place of hose end, add suffix "-1/4".

L7071WSA-PPL

Fume Hood Gooseneck Fitting, Panel Mounted, Polypropylene-Lined



Application: Panel mounted polypropylene-lined gooseneck for distilled, deionized and reverse osmosis water. Fitting has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Body: Brass bar stock body and flange.

Gooseneck: 8" rigid brass gooseneck with interior polypropylene lining.

Inlet: Furnished with 3/8" IPS brass mounting shank (assembled), locknut

and washer. Pure water inlet is 3/8" OD polypropylene tube.

Outlet: Polypropylene serrated hose end.

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

Additional Model

L7071-7110WSA-PPL: Same as above except with polypropylene vacuum breaker.

Note: If 1/4" NPT male outlet is required in place of hose end, add suffix "-1/4".

L7081WSA-PPL

Fume Hood Gooseneck Fitting, Deck Mounted, Polypropylene-Lined



Application: Deck mounted polypropylene-lined gooseneck for distilled, deionized and reverse osmosis water. Fitting has exterior brass casing and interior lining of inert polypropylene. Pure water comes in contact only with inert plastic.

Body: Brass bar stock body and flange.

Gooseneck: 6" rigid brass gooseneck with interior polypropylene lining.

Inlet: Furnished with 3/8" IPS brass mounting shank (assembled), locknut

and washer. Pure water inlet is 3/8" OD polypropylene tube.

Outlet: Polypropylene serrated hose end.

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

Additional Model

L7081-7110WSA-PPL: Same as above except with polypropylene vacuum breaker.

Note: If 1/4" NPT male outlet is required in place of hose end, add suffix "-1/4".