



# ProRack MEDUSA Brass Pipe Manifolds

MEDUSA brass pipe manifolds are designed in many unique configurations and are compatible for most common cylinder cradle systems in the markets. Manifolds are available in standard 6, 12, 15, 16, 18 and 24 cylinder configurations utilizing 1/2" or 3/4" brass pipe, and cylinder pigtails consisting of copper, flexible and armor cased pigtails. All MEDUSA manifolds are certified to ASME 31.3 piping calculations by authorized third party engineering firm.

## Outstanding Brass Pipe Manifold Features

- Engineered With SOLIDWORKS for 100% Precision Manufacturing
- CNC Machined Pipe for Precision Accuracy
- Automated Induction brazing for uniform silver solder application, consistent quality and perfect joints.
- All Manifolds and Pigtail Assemblies are 100% Oxygen Cleaned Exceeding CGA G 4.1
- Certified ASME B31.3 Piping Calculations By Third Party Authority
- 100% leak testing on all manifold assemblies.
- All manifolds are supplied with CRN Number (Canadian Registry Number)
- All manifolds are serial numbered for traceability.

## Brass Pipe Manifold Specifications:

**Working Pressure (WP):** 3000PSI per CGA Code Recommendation

**Maximum Allowable Working Pressure (MAWP):** 3600PSI

### Test Pressures

- Nitrogen Test Pressure: 3600PSI
- Hydrostatic Test Pressure: 5500PSI

### 1/2" or 3/4" Heavy Wall Brass Pipe

- ASTM B135 Alloy 330
- 1/4" Pipe OD 1.050
- 1/2" Pipe OD 0.840
- 3600PSI Operating Pressure

### Machined Brass Elbows

- C36000 Free Machining Brass
- 3/4" Female NPT (National Gas Taper) Valve Ports
- 1.625" Cylindrical Diameter x 2.82" Height

### Copper Pigtails Tubing

- ASTM B75 C12200 Seamless Copper Tube
- XX" Wall Thickness
- 5/16" OD (.3125")

### Silver Solder

- Silver 56%
- AWS A5.8 BAq-7
- Cadmium Free

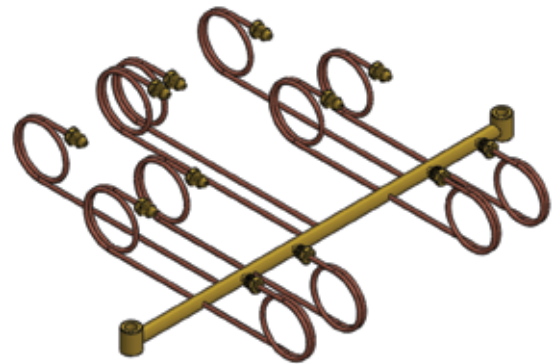
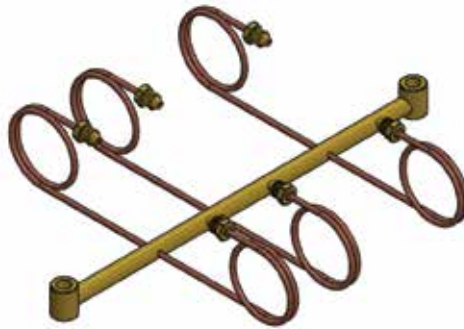
### Flexible Stainless Steel Braided Hose

Standard PTFE Core Single Braid

- 3000PSI Working, 12,000 Burst
- .25 ID, .375 OD

### Post Sintered PTFE Core Double Braid

- 3600PSI Working, 14,400 Burst
- .25 ID, .42 OD



All manifolds are engineered with SOLIDWORKS and Certified to ASME B31.3 Piping Calculations.



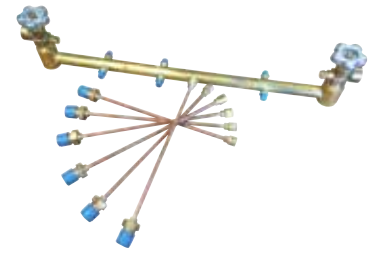
# MEDUSA Brass Pipe 6 Pack Manifold Systems



**Part Number 906-XXXST** | Brass manifold with copper pigtails, Flat design for top mount cradles



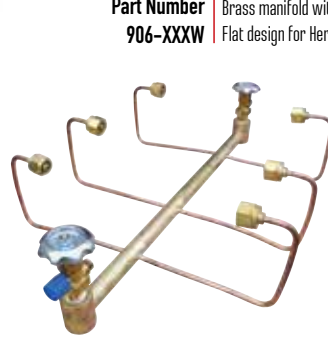
**Part Number 906-XXXW** | Brass manifold with copper pigtails, Flat design for Hercules cradles



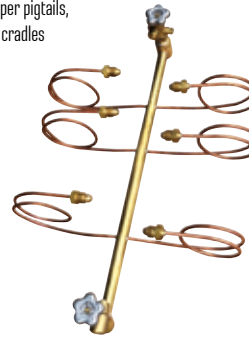
**Part Number 916-XXXST** | Brass manifold with replaceable copper pigtails, Flat design for top mount Brut cradles



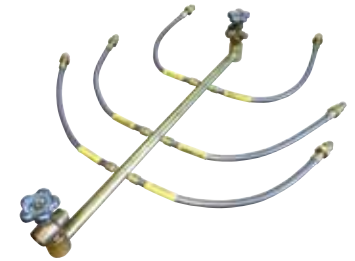
**Part Number 926-XXXINPS** | Brass manifold with post sintered flexible pigtails and RPV valves



**Part Number 906-XXXIN** | Brass manifold with copper pigtails, Overhang design for Zeus & Titan cradles



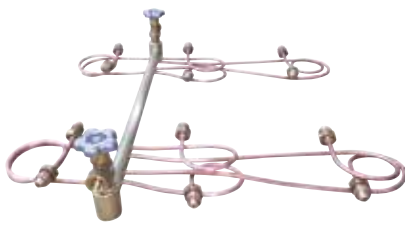
**Part Number 906SL-XXXINRPV** | Brass manifold with single loop copper pigtails and RPV valves, Overhang design for Zeus & Titan cradles



**Part Number 926-XXXINARPV** | Brass manifold with armor cased post sintered flexible pigtails and RPV valves

## ProRack MEDUSA Brass Pipe 6 Pack Manifold Ordering Information

Part Number Series	Cyl.	Design	Description	Pipe	Pipe OD	Machined Brass Elbows	Tubing	Pigtails	CGA	Valves	Armor	Hose
906-XXXST	6	Center	Flat, Brut Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	Std	NA	NA
906-XXXIN	6	Center	Overhang, Titan / Zeus Design, Square Drop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	Std	NA	NA
906SL-XXXIN	6	Center	Overhang, Titan / Zeus Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	Std	NA	NA
906-XXXW	6	Special	Flat, Weldcoa Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	Std	NA	NA
906-XXXSTRPV	6	Center	Flat, Brut Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	RPV	NA	NA
906-XXXINRPV	6	Center	Overhang, Titan / Zeus Design, Square Drop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	RPV	NA	NA
906SL-XXXINRPV	6	Center	Overhang, Titan / Zeus Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	RPV	NA	NA
916-XXXST	6	Center	Flat, Brut Design (Pigtails supplied separate)	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	Std	NA	NA
916-XXXIN	6	Center	Overhang, Titan / Zeus Design, Square Drop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	Std	NA	NA
916-XXXW	6	Special	Flat, Weldcoa Design (Pigtails supplied separate)	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	Std	NA	NA
916-XXXST-RPV	6	Center	Flat, Brut Design (Pigtails supplied separate)	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	RPV	NA	NA
916-XXXINRPV	6	Center	Overhang, Titan / Zeus Design, Square Drop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	RPV	NA	NA
916-XXXWRPV	6	Special	Flat, Weldcoa Design (Pigtails supplied separate)	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	RPV	NA	NA
926-XXXST	6	Center	Flat, Brut Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3000PSI, Single Braid
926-XXXIN	6	Center	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3000PSI, Single Braid
926-XXXW	6	Special	Flat, Weldcoa Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3000PSI, Single Braid
926-XXXSTRPV	6	Center	Flat, Brut Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3000PSI, Single Braid
926-XXXINRPV	6	Center	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3000PSI, Single Braid
926-XXXWRPV	6	Special	Flat, Weldcoa Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3000PSI, Single Braid
926-XXXPSIN	6	Center	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3600PSI, Double Braid Post Sintered
926-XXXWPS	6	Center	Flat, Weldcoa Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3600PSI, Double Braid Post Sintered
926-XXXINPSRPV	6	Center	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3600PSI, Double Braid Post Sintered
926-XXXWPSRPV	6	Center	Flat, Weldcoa Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3600PSI, Double Braid Post Sintered
926-XXXINAR	6	Center	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	Yes	3600PSI, Double Braid Post Sintered
926-XXXINARPV	6	Center	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	Yes	3600PSI, Double Braid Post Sintered



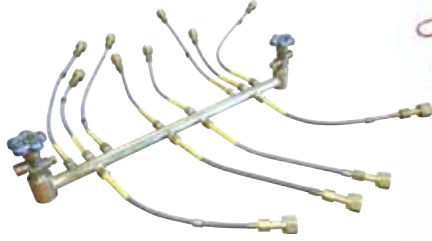
**Part Number** | Brass manifold with copper pigtails,  
**912-XXXW** | Flat design for Hercules cradles



**Part Number** | Brass manifold with replaceable copper pigtails,  
**922-XXXINRPV** | Overhang design for Zeus, Titan & Helios Cradles



**Part Number** | Brass manifold with replaceable copper pigtails,  
**922-XXXST** | Flat design for top mount Brut cradles



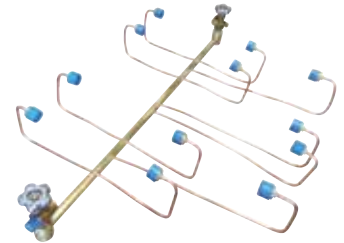
**Part Number** | Brass manifold with post sintered  
**932-XXXINPS** | flexible pigtails and RPV valves



**Part Number** | Brass manifold with copper pigtails,  
**912-XXXST** | Flat design for top mount cradles



**Part Number** | Brass manifold with single loop  
**912SL-XXXINRPV** | copper pigtails and RPV valves, Overhang design for Zeus & Titan cradles

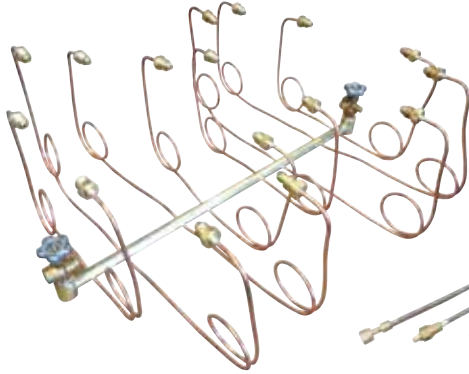


**Part Number** | Brass manifold with copper pigtails,  
**912-XXXIN** | Overhang design for Zeus & Titan cradles

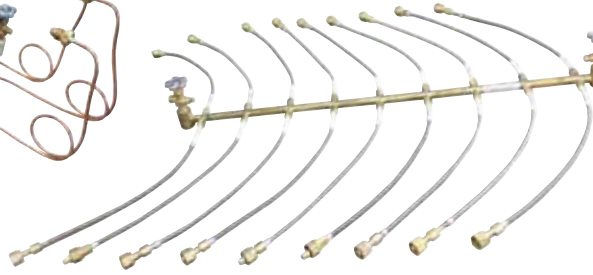
## ProRack MEDUSA Brass Pipe 12 Pack Manifold Ordering Information

Part Number Series	Cyl.	Design	Description	Pipe	Pipe OD	Machined Brass Elbows	Tubing	Pigtails	CGA	Valves	Armor	Hose
912-XXXST	12	4/8 Offset	Flat, Brut Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	Std	NA	NA
912-XXX-IN	12	4/8 Offset	Overhang, Titan / Zeus / Helios Design, Square Drop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	Std	NA	NA
912SL-XXX-IN	12	4/8 Offset	Overhang, Titan / Zeus / Helios Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	Std	NA	NA
912-XXXW	12	Special	Flat, Hercules/Weldcoa Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	Std	NA	NA
912-XXXST-RPV	12	4/8 Offset	Flat, Brut Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	RPV	NA	NA
912-XXX-INRPV	12	4/8 Offset	Overhang, Titan / Zeus / Helios Design, Square Drop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	RPV	NA	NA
912SL-XXX-INRPV	12	4/8 Offset	Overhang, Titan / Zeus / Helios Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	RPV	NA	NA
912-XXXW-RPV	12	Special	Flat, Hercules/Weldcoa Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	RPV	NA	NA
922-XXXST	12	4/8 Offset	Flat, Brut Design (Pigtails supplied separate)	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	Std	NA	NA
922-XXXIN	12	4/8 Offset	Overhang, Titan / Zeus Design, Square Drop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	Std	NA	NA
922-XXXW	12	Special	Flat, Hercules/Weldcoa Design (Pigtails supplied separate)	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	Std	NA	NA
922-XXXST-RPV	12	4/8 Offset	Flat, Brut Design (Pigtails supplied separate)	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	RPV	NA	NA
922-XXXINRPV	12	4/8 Offset	Overhang, Titan / Zeus Design, Square Drop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	RPV	NA	NA
922-XXXW-RPV	12	Special	Flat, Hercules/Weldcoa Design (Pigtails supplied separate)	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	RPV	NA	NA
932-XXXST	12	4/8 Offset	Flat, Brut Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3000PSI, Single Braid
932-XXX-IN	12	4/8 Offset	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3000PSI, Single Braid
932-XXXW	12	Special	Flat, Hercules/Weldcoa Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3000PSI, Single Braid
932-XXXST-RPV	12	4/8 Offset	Flat, Brut Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3000PSI, Single Braid
932-XXX-INRPV	12	4/8 Offset	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3000PSI, Single Braid
932-XXXW-RPV	12	Special	Flat, Hercules/Weldcoa Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3000PSI, Single Braid
932-XXXINPS	12	4/8 Offset	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3600PSI, Double Braid Post Sintered
932-XXXPSW	12	Center	Flat, Hercules/Weldcoa Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3600PSI, Double Braid Post Sintered
932-XXXINPSRPV	12	4/8 Offset	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3600PSI, Double Braid Post Sintered
932-XXXWPSRPV	12	Center	Flat, Hercules/Weldcoa Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3600PSI, Double Braid Post Sintered
932-XXX-INAR	12	4/8 Offset	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	Yes	3600PSI, Double Braid Post Sintered
932-XXX-INARPV	12	4/8 Offset	Overhang, Titan / Zeus Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	Yes	3600PSI, Double Braid Post Sintered

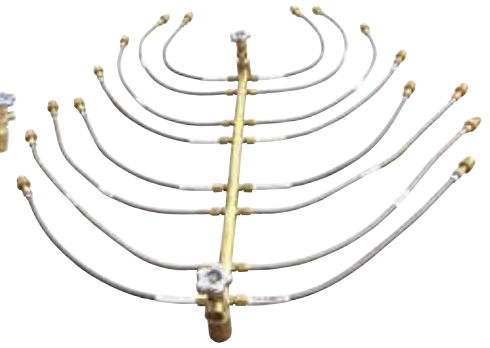
# MEDUSA Brass Pipe 16 & 18 Pack Manifold Systems



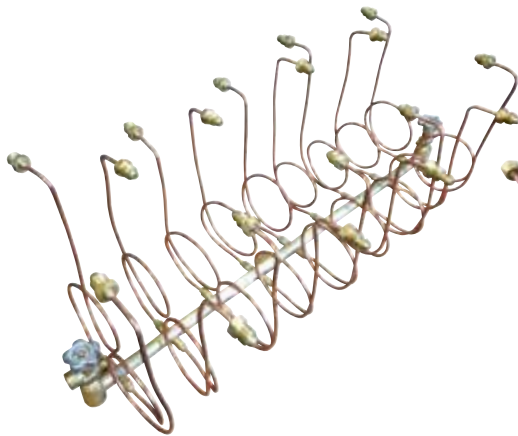
**Part Number**  
**9016-XXXRPV** | Brass manifold with copper pigtails, shown with RPV Valves



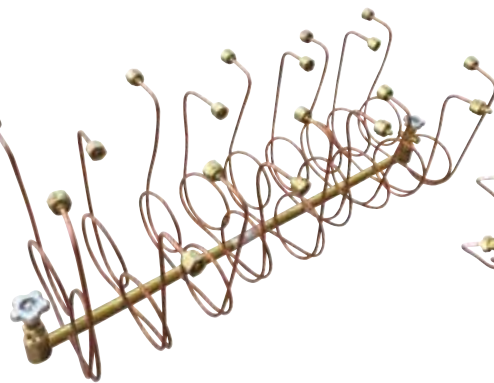
**Part Number**  
**9218-XXX** | Brass manifold with flexible pigtails



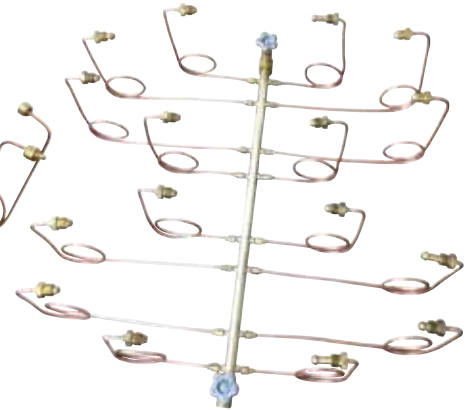
**Part Number**  
**9216-XXX** | Brass manifold with flexible pigtails



**Part Number**  
**9118-XXX** | Brass manifold with replaceable copper pigtails



**Part Number**  
**9018-XXX** | Brass manifold with copper pigtails



**Part Number**  
**9116-XXX** | Brass manifold with replaceable copper pigtails

## ProRack MEDUSA Brass Pipe 16 and 18 Packs Manifold Ordering Information

Part Number Series	Cyl.	Design	Description	Pipe	Pipe OD	Machined Brass Elbows	Tubing	Pigtails	CGA	Valves	Armor	Hose
9016-XXX	16	Center	Overhang, Goliath Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	Std	NA	NA
9016-XXXRPV	16	Center	Overhang, Goliath Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	RPV	NA	NA
9018-XXX	18	Center	Overhang, Goliath Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	Std	NA	NA
9018-XXX-R	18	Center	Overhang, Goliath Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Brazed, Copper	Brass	RPV	NA	NA
9116-XXX	16	Center	Overhang, Goliath Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	Std	NA	NA
9116-XXX-RPV	16	Center	Overhang, Goliath Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	RPV	NA	NA
9118-XXX-C	18	Center	Overhang, Goliath Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	Std	NA	NA
9118-XXX-R	18	Center	Overhang, Goliath Design, Single Loop	Brass	3/4"	3/4" Pipe x 3/4" FNPT	5/16"	Replaceable Copper	Brass	RPV	NA	NA
RP15-XXX	15	7/8 Center	Overhand, Pallet Manifold	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3000PSI, Single Braid
RP15-XXXSRPV	15	7/8 Center	Overhand, Pallet Manifold	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3600PSI, Double Braid Post Sintered
9216-XXX	16	Center	Overhang, Goliath Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3000PSI, Single Braid
9216-XXXPS	16	Center	Overhang, Goliath Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3600PSI, Double Braid Post Sintered
9216-XXXRPV	16	Center	Overhang, Goliath Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	Yes	3600PSI, Double Braid Post Sintered
9218-XXX	18	Center	Overhang, Goliath Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3000PSI, Single Braid
9218-XXX-C	18	Center	Overhang, Goliath Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	Std	No	3600PSI, Double Braid Post Sintered
9218-XXX-R	18	Center	Overhang, Goliath Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	No	3600PSI, Double Braid Post Sintered
9218-XXXRPV	18	Center	Overhang, Goliath Design	Brass	3/4"	3/4" Pipe x 3/4" FNPT	NA	Replaceable	Brass	RPV	Yes	3600PSI, Double Braid Post Sintered