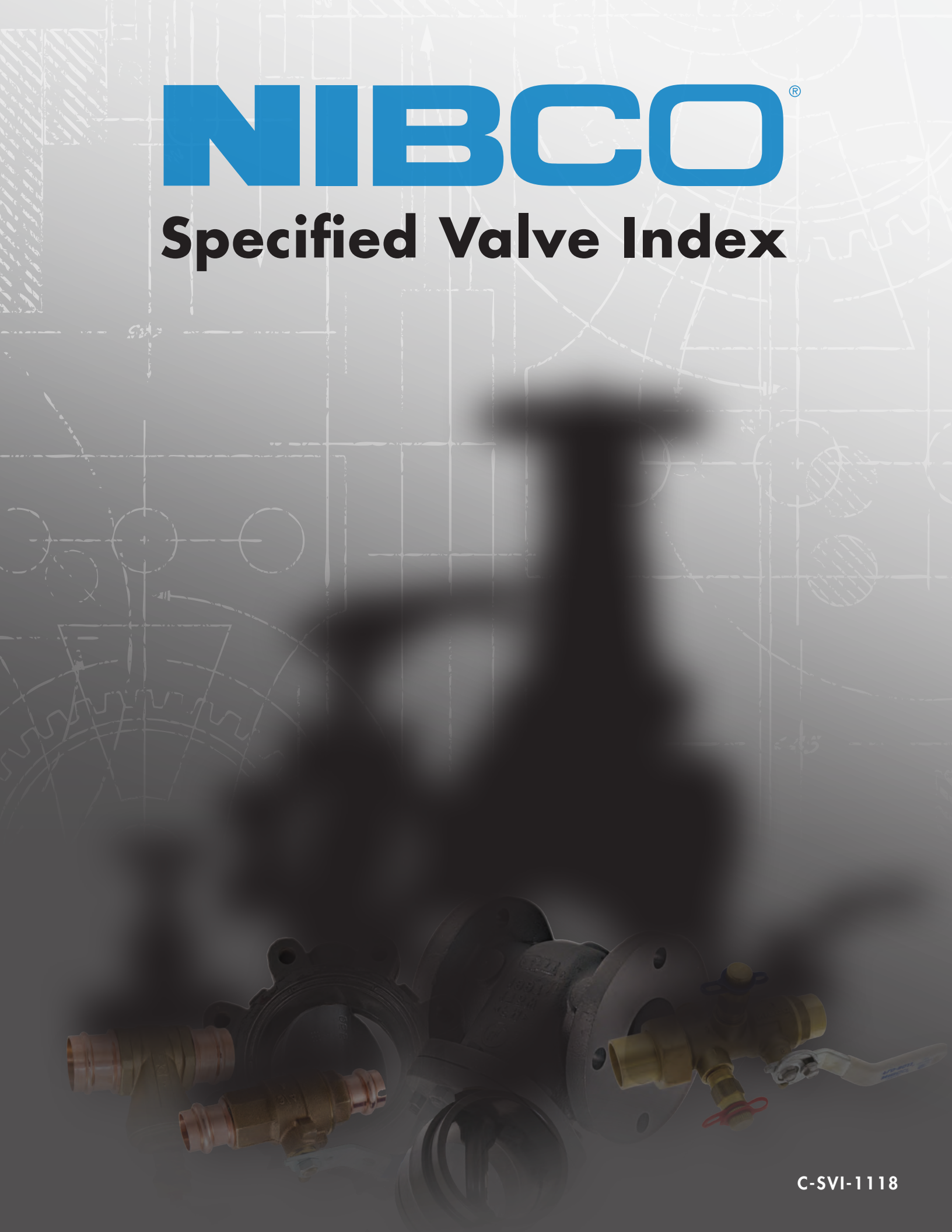
# NIBCO®

# Specified Valve Index



C-SVI-1118

T-DRAIN™

Eliminates assemblies needed for installing drains into a line.

Hi-flow alternative for filling, draining, or venting closed-loop hydronic systems.

Add a garden hose connection to any water source in lines up to 2".

Replaces 2 components, eliminates 1 leak path, saves 9 minutes of labor.

### ⚠ Pro-Pal® T-Drain

Full port forged brass ball valve w/ Hi-Flow hose drain & adjustable packing gland
Pressure rating: varies based on connection type, 600 CWP for the valve body.
Certified to NSF/ANSI 61G
Patented technology
Sizes: ½"-2"
Press
SWT

# AIR SEPARATOR

**KNOCKING** PIPES
ARE **NOT NORMAL**

The Webstone® Air Separator has a unique coalescing medium that captures both micro bubbles and static air from within a hydronic system. Using the Webstone Air Separator to properly vet the system improves efficiency, reduces wear on system components, improves system operation, minimizes customer call backs, reduces noise, and requires no regular maintenance.

## Why Engineers Specify Webstone Air Separator:

- Heavy duty forged brass construction
- Contains corrosion-resistant stainless steel coalescing medium
- Pin guided float ensures smooth operation
- Vent head & coalescing medium can be removed for cleaning
- Flow may be directed into either side of the unit
- Available replacement vent assemblies
- Ideal for use with Webstone® Expansion Tank Pro Service Valve
- Guaranteed for life

### ⚠ Forged Brass Air Separator

w/ Removable vent head & coalescing medium
Pressure rating: 150 psi
Sizes: ¾"-2"
FIP
Press
SWT

⚠ **WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.**



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# The ISOLATOR® E•X•P™ TWH SERVICE VALVES

## THE ONLY WAY TO INSTALL ANY TANKLESS WATER HEATER

The Webstone® patented Isolator® E•X•P™ Service Valve Kits allow for quicker, consistent quality tankless water heater installations with fewer leak paths. Clean, flush, or diagnose any tankless water heater with ease.

## Why Engineers Specify Webstone EXP Kits:

- The original tankless water heater service valves
- Heavy duty forged brass construction
- Replace14 components, eliminates 12 leak paths saves 108 minutes of labor
- Multiple pressure relief options for residential and commercial applications
- Available E2 and E3 kits are compact solutions for tight quarters, pipe covers, and recessed boxes
- Lead-free brass suitable for use with potable water
- Guaranteed for life

The ISOLATOR® E•X•P™ TWH SERVICE VALVES

### PREMIUM DESIGN ⚠ Tankless Water Heater Service Valve Kit

Hot & cold set of full port forged brass ball valves w/ Hi-Flow hose drains, & pressure relief valve outlet, adjustable packing glands
Includes residential pressure relief valve (150 psi/200k BTU)
Pressure rating: 600 CWP
Certified to NSF/ANSI 61 & 372
Patented technology
Size: ¾"
FIP x FIP Union
SWT x FIP Union

The ISOLATOR® E•X•P E2™ TWH SERVICE VALVES

### SPACE SAVING ⚠ Tankless Water Heater Service Valve Kit

Hot & cold set of full port forged brass ball valves w/ Hi-Flow hose drains, & pressure relief valve outlet, adjustable packing glands
Includes your choice of pressure relief valve:
Residential HW (150 psi/200k BTU)
Commercial HW (150 psi/2.7m BTU)
Pressure rating: varies based on connection type, 500 CWP for the valve body.
Certified to NSF/ANSI 61 & 372
Patented technology
Sizes: ¾", 1"
FIP Union x FIP
FIP Union x Press
FIP Union x Push
FIP Union x SWT

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The ISOLATOR E·X·P E2 TWH SERVICE VALVES

## ⚠ Wall Hung & Combi Boiler Service Valve Kit

Hot & cold set of full port forged brass ball valves w/ Hi-Flow hose drains, pressure relief valve outlet & 30 psi/510,000 btu pressure relief valve adjustable packing glands
Pressure rating: varies based on connection type, 500 CWP for the valve body.
Patented technology
Sizes: ¾",1"
- FIP Union x FIP
- FIP Union x Press
- FIP Union x SWT

The ISOLATOR E·X·P E3 TWH SERVICE VALVES

## ⚠ Tankless Water Heater Service Valve Kit

Hot & cold set of full port forged brass ball valves w/ Hi-Flow hose drains, & adjustable pressure relief valve outlet, adjustable packing glands
Includes your choice of pressure relief valve
- Residential HW (150 psi/200k BTU)
- Commercial HW (150 psi/200k BTU)

Pressure rating: varies based on connection type, 500 CWP for the valve body.
Certified to NSF/ANSI 61 & 372
Patented Technology
Sizes: ¾"
- FIP Union x FIP
- FIP Union x Push
- FIP Union x SWT

The ISOLATOR E·X·P E3 TWH SERVICE VALVES

## ⚠ The Isolator E-X-P E3 Wall Hung & Combi Boiler Service Valve Kit

Hot & cold set of full port forged brass ball valves w/ Hi-Flow hose drains, adjustable pressure relief valve outlet & 30 psi/510,000 btu pressure relief valve
Adjustable packing glands
Pressure rating: varies based on connection type, 500 CWP for the valve body.
Patented technology
Sizes: ¾",1"
- FIP Union x FIP
- FIP Union x SWT
- FIP Union x Press

The ISOLATOR E·X·P TWH SERVICE VALVES

## ⚠ Complete Tankless Water Heater Installation Kit

Includes your choice of EXP, E2, or E3 service valves w/ residential pressure relief valve (150 psi/200,000 BTU)
¾ CGA gas ball valve (175 psi), & 24" × ¾" gas flex line
Certified to NSF/ANSI 61 & 372
Patented technology
Sizes: ¾"
- FIP Union x FIP
- FIP Union x SWT
- FIP Union x Press
- FIP Union x Push

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# WATER HEATER TEMPERING VALVE

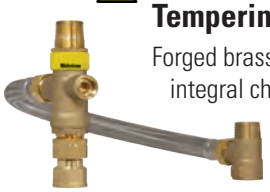
## HOT WATER
MADE **BETTER**

The Webstone® Water Heater Tempering valve mixes cold water from the supply with the hot output from the heater for greater effective hot water storage. This allows water to be stored at 140°F - mitigating the risk of Legionella bacteria in the tank. Adjustable temperature control limits output to 120°F and prevents the risk of scalding. Installation kit options include the Lead-free valve, temperature gauge and (2) ProPush™ flexible connectors for easy integration with the rest of the system.

## Why Engineers Specify Webstone Water Heater Tempering Valves

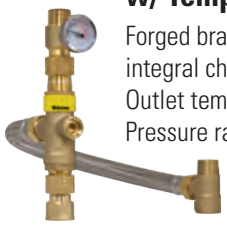
- Heavy duty forged brass construction
- Integrated recirculation port simplifies installation
- Optional temperature gauge available
- Available ProPush™ flexible connectors easily connect to Copper, CPVC or PEX
- Lead-free brass suitable for use with potable water
- Guaranteed for life

### ⚠ Water Heater Tempering Valve



Forged brass valve w/ 18" flex hose connector & integral check valve
Outlet temperature range 86°-120°F
Pressure rating: 150 psi
Certified to NSF/ANSI 61 & 372
Sizes: ¾" MIP x FIP

### ⚠ Water Heater Tempering Valve w/ Temperature Gauge

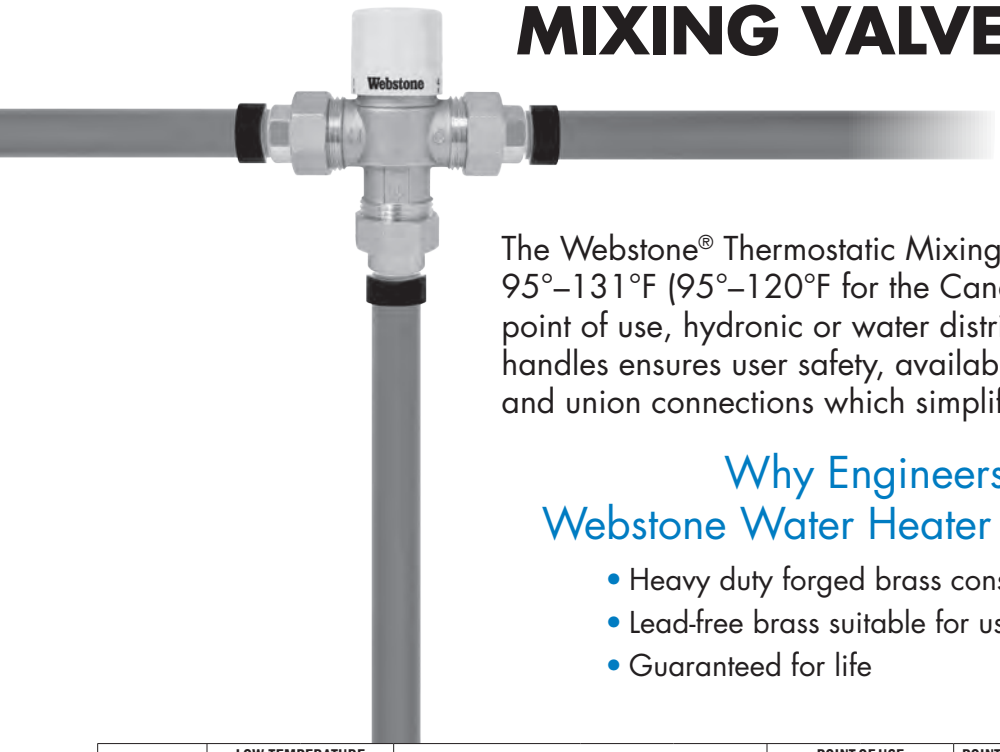


Forged brass valve w/ 18" flex hose connector & integral check valve
Outlet temperature range 86°-120°F
Pressure rating: 150 psi
Certified to NSF/ANSI 61 & 372
Sizes: ¾" MIP x FIP

⚠ **WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.**

LEAD-FREE: Weighted average lead content ≤ 0.25%

# THERMOSTATIC MIXING VALVE



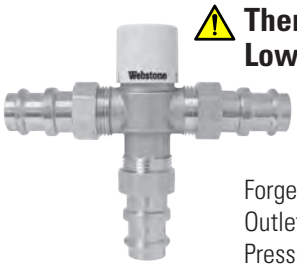

BECAUSE
**NO ONE LIKES**
TO **GET BURNED**

The Webstone® Thermostatic Mixing Valve provides output ranges from 95°–131°F (95°–120°F for the Canadian market) making them ideal for point of use, hydronic or water distribution systems. Temperature locking handles ensures user safety, available with integral check valves on inlets and union connections which simplify installation and maintenance.

## Why Engineers Specify Webstone Water Heater Tempering Valves:

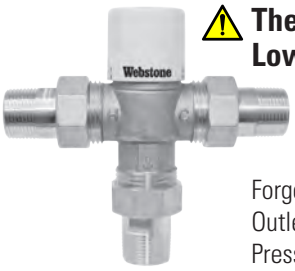
- Heavy duty forged brass construction
- Lead-free brass suitable for use with potable water
- Guaranteed for life

| APPLICATION: | LOW-TEMPERATURE HYDRONIC | | WATER DISTRIBUTION SYSTEMS | | | | POINT OF USE SINGLE OR MULTI FIXTURE | | POINT OF USE SINGLE ONLY |
|---|---|---|---|---|---|---|---|---|---|
| TEMP RANGE: | 95–131°F (35–55°C) | | 95–131°F (35–55°C) | | 95–120°F (35–49°C) | | 95–131°F (35–55°C) | 95–120°F (35–49°C) | 95–131°F (35–55°C) |
| | NO CHECK | W/ CHECK | NO CHECK | W/ CHECK | NO CHECK | W/ CHECK | W/ CHECK | W/ CHECK | W/ CHECK |
| Compression | - | - | - | - | - | - | - | - | 7440W |
| MIP | 7410W | 7420W | 7410W | 7420W | 7410W-CAN | 7420W-CAN | 7420W | 7420W-CAN | - |
| SWT | 7510W | 7520W | 7510W | 7520W | 7510W-CAN | 7520W-CAN | 7520W | 7520W-CAN | - |
| PEX | 7310W | 7320W | 7310W | 7320W | 7310W-CAN | 7320W-CAN | - | - | - |
| Press | 7810W | 7820W | 7810W | 7820W | 7810W-CAN | 7820W-CAN | - | - | - |




### ⚠ Thermostatic Mixing Valve For Low Temperature Hydronic Applications & Water Distribution - Max 131°F

Forged brass valve
Outlet temperature range 95-131°F
Pressure rating: 150 psi
Certified to NSF/ANSI 61 & 372,
ASSE 1017, CSA B125.3
Sizes: ½"-1"
Optional Check Valve
ASTM F1807 PEX
MIP
Press
SWT




### ⚠ Thermostatic Mixing Valve For Low Temperature Hydronic Applications & Water Distribution - Max 120°F

Forged brass valve
Outlet temperature range 95-120°F
Pressure rating: 150 psi
Certified to NSF/ANSI 61 & 372,
ASSE 1017, CSA B125.3
Sizes: ½"-1"
Optional Check Valve
ASTM F1807 PEX
MIP
Press
SWT

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LEAD-FREE: Weighted average lead content ≤ 0.25%



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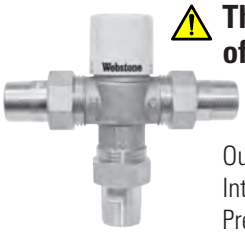
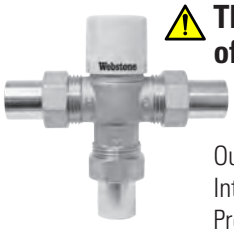


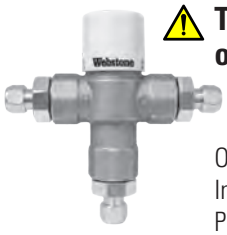
## ⚠ Thermostatic Mixing Valve for Point of Use Applications - Max 131°F

Forged brass balve
Suitable for single or multiple fixtures
Outlet temperature range 95-131°F
Integral check valve
Pressure rating: 150 psi
Certified to NSF/ANSI 61 & 372,
ASSE 1017, ASSE 1070, CSA B125.3
Sizes: ½"-1"
MIP
SWT



## ⚠ Thermostatic Mixing Valve for Point of Use Applications - Max 120°F

Forged brass valve
Suitable for single or multiple fixtures
Outlet temperature range 95-120°F
Integral check valve
Pressure rating: 150 psi
Certified to NSF/ANSI 61 & 372,
ASSE 1017, ASSE 1070, CSA B125.3
Sizes: ½"-1"
MIP
SWT



## ⚠ Thermostatic Mixing Valve for Point of Use Application - Max 131°F

Forged brass valve
Suitable for single fixtures only
Outlet temperature range 95-131°F
Integral check valve
Pressure rating: 150 psi
Certified to NSF/ANSI 61 & 372,
ASSE 1017, ASSE 1070, CSA B125.3
Sizes: 3/8"
Compression

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# Notes



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# Notes

# NIBCO Pressure-Rated Valves Warranty

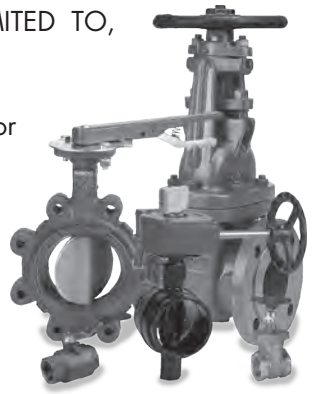
5 year 125% warranty

**NIBCO INC. 125% LIMITED WARRANTY**
Applicable to NIBCO INC. Pressure Rated Metal Valves

NIBCO INC. warrants each NIBCO® pressure rated metal valve to be free from defects in materials and workmanship under normal use and service for a period of five (5) years from date put into service.

In the event any defect occurs which the owner believes is covered by this warranty, the owner should immediately contact NIBCO Technical Services, either in writing or by telephone at 1.888.446.4226 or 1.574.295.3000. The owner will be instructed to return said product, at the owner's expense, to NIBCO INC., or an authorized representative for inspection. In the event said inspection discloses to the satisfaction of NIBCO INC. that said valve is defective, it will be replaced at the expense of NIBCO INC. Replacements shall be shipped free of charge to the owner. In the event of the replacement of any valve, NIBCO INC. shall further pay the owner the greater of twenty-five (25%) percent of the price of the valve according to the published suggested list price schedule of NIBCO INC. in effect at the time of purchase, or ten ($10.00) dollars, to apply on the cost of the installation of said replacement valve.

TO THE EXTENT PERMITTED BY LAW, THIS WARRANTY SPECIFICALLY EXCLUDES INCIDENTAL AND CONSEQUENTIAL DAMAGES OF EVERY TYPE AND DESCRIPTION RESULTING FROM ANY CLAIMED DEFECT IN MATERIAL OR WORKMANSHIP, INCLUDING BUT NOT LIMITED TO, PERSONAL INJURIES AND PROPERTY DAMAGES.



Some states or countries do not allow the exclusion or limitation of incidental or consequential damages so these limitations may not apply to you.

TO THE EXTENT PERMITTED BY LAW, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED IN DURATION.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.

# How to Order

State quantity, figure number and size for each valve or fitting you wish to order. See individual catalog pages for specific or special product designations.

### HOW MANY TO ORDER

NIBCO valves and fittings are decimal packed for your convenience in handling, shipping and stock-keeping. Number in master carton varies with item.

### POLICY ON RETURNS TO FACTORY

No NIBCO valves and fittings are to be returned without prior written agreement. Transportation must be prepaid. A 20% charge will be made to cover cost of rehandling and reinspection.

### TECHNICAL ASSISTANCE

Engineers, contractors, wholesalers or manufacturers may obtain special or technical assistance from any factory representative of NIBCO. Write, fax or phone.

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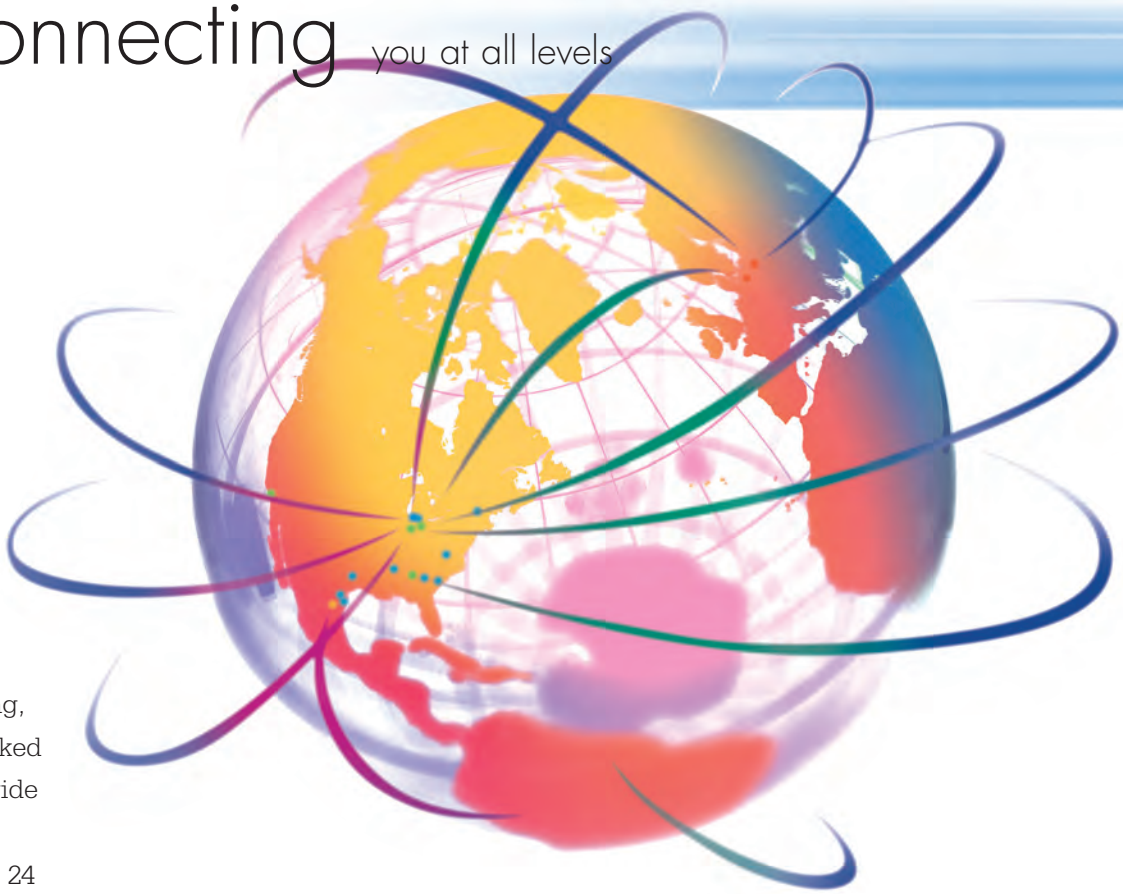
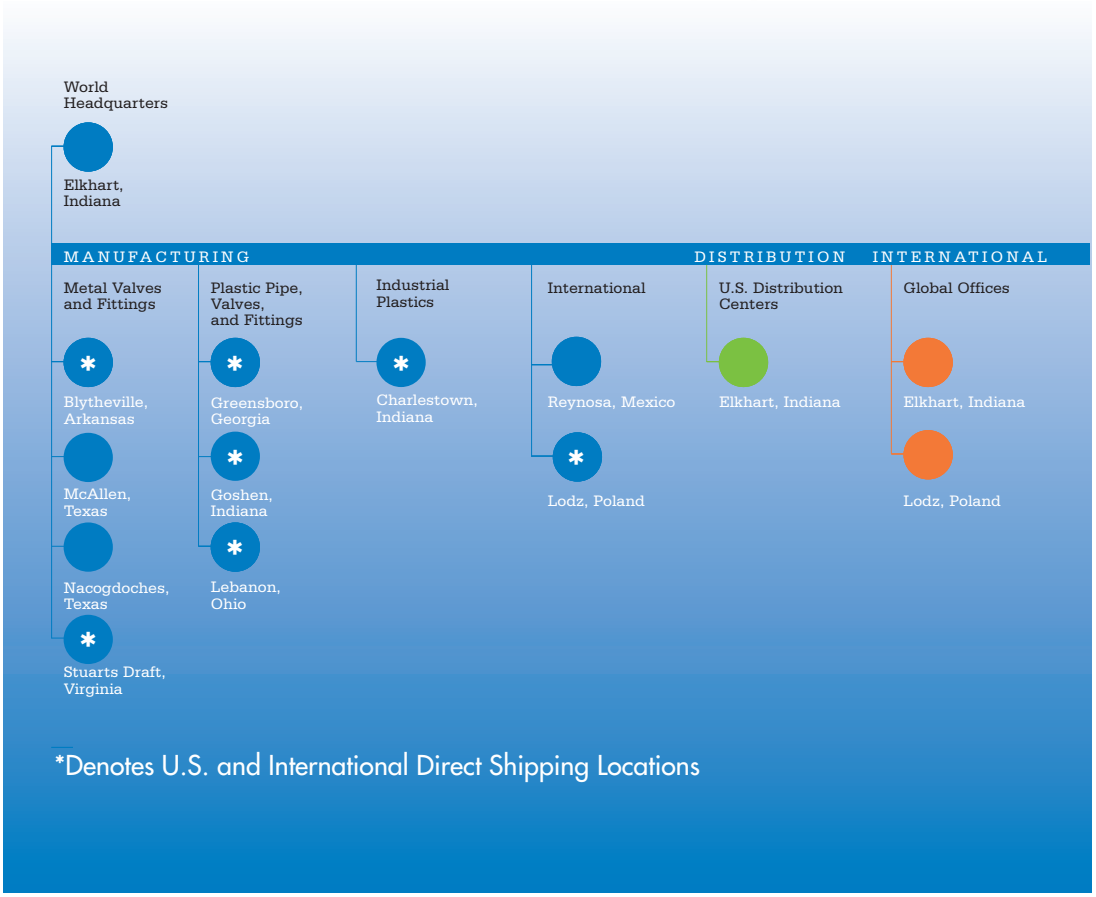
# globally connecting you at all levels



It's a new age of business, and a new way at NIBCO. From Elkhart, Indiana to Lodz, Poland, and points beyond, our company has integrated manufacturing, distribution, and networked communications to provide a seamless source of information and service, 24 hours a day, 7 days a week. But this integration hasn't happened overnight. It's been part of a long-term strategic process that has pushed us to reconsider every aspect of our business. The result? We're a vertically integrated manufacturer with the products and systems in place to deliver low cost and high quality. NIBCO products are manufactured under a Quality Management System conforming to the current revision of ISO-9001 International Standards. We know the flow control industry is only going to get more demanding, and we are more than ready. We will continue to lead. That's what NIBCO is all about.

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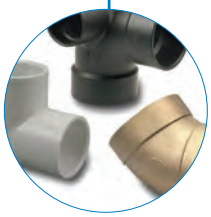
# VALVES

Pressure-rated bronze, iron and alloy-iron gate, globe and check valves • Pressure-rated bronze ball valves • Boiler specialty valves • Commercial and industrial butterfly valves • Lined butterfly valves • Circuit balancing valves • Carbon and stainless steel ball valves • ANSI flanged steel ball valves • Lined ball valves • Pneumatic and electric actuators and controls • Grooved ball and butterfly valves • High performance butterfly valves • UL/FM fire protection valves • MSS specification valves • Bronze specialty valves • Low pressure gate, globe, check and ball valves • Frostproof sillcocks • Quarter-turn supply stops • Quarter-turn low pressure valves • PVC and CPVC plumbing and industrial ball valves • Bronze & Iron Y-strainers • Sample valves • Sanitary valves • Lead-Free valves • Coil-Connect® Kits

LEAD-FREE: Weighted average lead content ≤0.25%

# FITTINGS

Wrot and cast copper pressure and drainage fittings • Cast copper alloy flanges • Wrot and cast press fittings • ABS and PVC DWV fittings • Schedule 40 PVC pressure fittings • CPVC CTS fittings • CPVC CTS-to-metal transition fittings • Schedule 80 PVC and CPVC systems • CPVC BlazeMaster® fire protection fittings • Lead-Free fittings



BlazeMaster® is a registered trademark of The Lubrizol Corporation.
LEAD-FREE: Weighted average lead content ≤0.25%

# FLEXIBLE PIPING SYSTEMS

PE-RT and PEX tubing for potable and radiant applications • Insulated tubing • Risers • Ice maker tubing • Silicon Performance Bronze® fittings • Poly alloy fittings • Home Run Manifold® • Radiant heat manifolds • Ball valves and supply stops • Connections, tools and accessories • Radiant heat controls and panels

# INDUSTRIAL PLASTICS

Thermoplastic pipe, valves, and fittings in PVC, Corzan® CPVC, polypropylene and PVDF Kynar® • Pneumatic and electric actuation systems • BlazeMaster® CPVC fire protection fittings

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Kynar® is a registered trademark of Arkema Inc.

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AHEAD OF THE FLOW®


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