



PRODUCT CATALOG

PLUMBING | HEATING | BALANCING | PROPANE | COMMERCIAL | INDUSTRIAL | RESIDENTIAL





PRODUCT CATALOG

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INNOVATIVE VALVE SOLUTIONS SINCE 1966

Founded by former Navy Commander Joseph Martin in 1966, and headquartered in Warren, MI, Jomar Valve is a recognized leader in the valve industry, offering innovative solutions for plumbing, HVAC, natural gas, industrial, and actuation applications. Our products carry the most certifications of any valve on the market, and we are committed to continuous growth and improvement.

At Jomar, we are proud to say our company culture is built around our customers' needs. Our dedicated team of professionals, with decades of industry experience, hold a wealth of knowledge and provide customized care and technical solutions every day.

Our production capabilities and strategically placed stocking warehouses across North America enable us to provide industry-leading lead times, fill rates, and local delivery for thousands of SKUs.

Investments in technology, software, and resources - including an e-commerce portal, and hundreds of downloadable BIM and CAD files for our engineering specifications community - make partnering with Jomar convenient.

Today, Jomar Valve is under the ownership of Fratelli Pettinaroli, a third-generation, family-operated ISO 9001 Italian manufacturer with a global presence spanning across more than 60 countries.

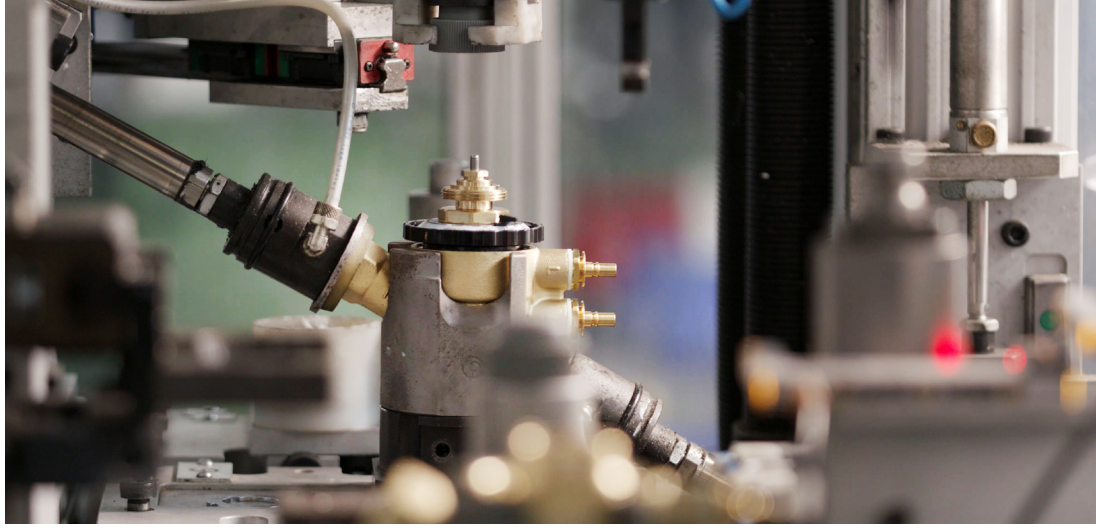
United by a shared passion to develop dynamic, high-quality valve solutions to meet the demands of any project, and an unwavering commitment to innovation and excellence, Pettinaroli and Jomar Valve continue to blaze forward together, redefining and elevating the standards of quality products and superior customer care.



JOMAR VALVE HEADQUARTERS, WARREN, MI



PETTINAROLI HEADQUARTERS, NORTHERN ITALY



VISIT OUR WEBSITE
TO LEARN MORE





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ACCESSORY KEY CODE

JOMAR VALVE PRODUCTS ARE COMPATIBLE WITH A NUMBER OF ACCESSORIES. USE THE KEY BELOW TO CREATE A CUSTOM CONFIGURATION THAT BEST SERVES YOUR PROJECT.

EXAMPLE 1:

ONE ACCESSORY

T-200CSSG, Size 1/2" + Stem Extension

200-403SSG-EH

BASE PART
NUMBER

CODE

NOTE: USE A DASH TO SEPARATE
BASE PART NUMBER FROM
ACCESSORY CODE

EXAMPLE 2:

TWO ACCESSORIES

T-200CSSG, Size 1/2" + Stem Extension + Locking Handle

200-403SSG-EHLH

BASE PART
NUMBER

CODE 1

CODE 2

NOTE: WHEN TWO ACCESSORIES ARE
COMBINED, DO NOT USE A DASH TO
SEPARATE ACCESSORY CODES

CODE	HANDLE TYPE	COMPATIBLE MODEL
LL	LEVER HANDLE	T/S-100CG, T/S-100, JP-100G, JP-100, JF-100T/S, T-100HF, S-100HS, T/S-422G, T-423G
SH	LEVER HANDLE - STAINLESS STEEL	T/S-100CG, T/S-100, JP-100G, JP-100
DH	SPRING RETURN HANDLE	T-SS-2000N
LH	LOCKING HANDLE	T-100NE, T/S-100CG, T-100UEG, JP-100G, JP-100SSG, T-100FMN, T-100SSE, JP-100, JF-100G, T/S-422G, T-423G, T-SS-2002N-DUE, JF-100T/S, T/S-110, T-100HF, S-100HS, C-402
LN	LIFT-N-LOCK, OPEN	T/S-100CG, T/S-100, JP-100G, JP-100
LC	LIFT-N-LOCK, CLOSED	T/S-100CG, T/S-100, JP-100G, JP-100
TH	RED T-HANDLE	T/S-100CG, T/S-100, JP-100G, JP-100, JF-100T/S, T/S-110, T-100HF, S-100HS, T/S-422G, T-423G
LT	LONG NECK T-HANDLE	T/S-100CG, T/S-100, JP-100G, JP-100
WH	WINGTIP HANDLE	JF-100, T-412G, T-422G, JP-150G, T/S-150G
OH	OVAL HANDLE	T/S-100CG, T/S-100, JP-100G, JP-100
IH	INSULATED HANDLE	T/S-200CSSG, T/S-200CSS, T/S-100CG, T/S-100CSSG, JP-100G, JP-100SSG, T-100NE
SB	SLO-BALL HANDLE	T/S-100CG, T/S-100, JP-100G, JP-100
MS	MEMORY STOP	T/S-100CG, T/S-100, JP-100G, JP-100
ST	SQUARE TOP HEAD	T/S-100CG, T/S-100, JP-100G, JP-100
EH	STEM EXTENSION	T/S-100CG, T/S-100, JP-100G, JP-100, JF-100T/S, JP-150G, T/S-110, T/S-422G, T-100HF, S-100HS
MT	METAL TAG	T-100NE

FOR ASSISTANCE, CONTACT CSR@JOMAR.COM



BALL VALVES



T-200CSSG

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, 600 CWP



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
200-401SSG	1/4"	50	10	29
200-402SSG	3/8"	50	10	27
200-403SSG	1/2"	40	10	29
200-404SSG	3/4"	27	3	32
200-405SSG	1"	18	6	33
200-406SSG	1-1/4"	12	2	29
200-407SSG	1-1/2"	8	4	31
200-408SSG	2"	4	1	24
200-409SSG	2-1/2"	2	1	29
200-410SSG	3"	1	1	20

- Dezincification Resistant Lead Free Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



S-200CSSG

2 Piece, Full Port, Solder Connection, Stainless Steel Trim, 600 CWP



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
200-413SSG	1/2"	48	12	33
200-414SSG	3/4"	24	8	28
200-415SSG	1"	16	4	31
200-416SSG	1-1/4"	12	2	29
200-417SSG	1-1/2"	8	1	32
200-418SSG	2"	4	1	26
200-419SSG	2-1/2"	2	1	28
200-420SSG	3"	1	1	20

- Dezincification Resistant Lead Free Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



T-200CSSG-LH

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, Locking Handle, 600 CWP



PART NUMBER	SIZE
200-401SSG-LH	1/4"
200-402SSG-LH	3/8"
200-403SSG-LH	1/2"
200-404SSG-LH	3/4"
200-405SSG-LH	1"
200-406SSG-LH	1-1/4"
200-407SSG-LH	1-1/2"
200-408SSG-LH	2"
200-409SSG-LH	2-1/2"
200-410SSG-LH	3"

- Dezincification Resistant Lead Free Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content





S-200CSSG-LH

2 Piece, Full Port, Solder Connection, Stainless Steel Trim,
Locking Handle, 600 CWP



PART NUMBER	SIZE
200-413SSG-LH	1/2"
200-414SSG-LH	3/4"
200-415SSG-LH	1"
200-416SSG-LH	1-1/4"
200-417SSG-LH	1-1/2"
200-418SSG-LH	2"
200-419SSG-LH	2-1/2"
200-420SSG-LH	3"

- Dezincification Resistant Lead Free Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



T-200CSSG-IH

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim,
Insulated Handle, 600 CWP



PART NUMBER	SIZE
200-403SSG-IH	1/2"
200-404SSG-IH	3/4"
200-405SSG-IH	1"
200-406SSG-IH	1-1/4"
200-407SSG-IH	1-1/2"
200-408SSG-IH	2"

- Dezincification Resistant Lead Free Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- UL 2043 Certified Handle
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



S-200CSSG-IH

2 Piece, Full Port, Solder Connection, Stainless Steel Trim,
Insulated Handle, 600 CWP



PART NUMBER	SIZE
200-413SSG-IH	1/2"
200-414SSG-IH	3/4"
200-415SSG-IH	1"
200-416SSG-IH	1-1/4"
200-417SSG-IH	1-1/2"
200-418SSG-IH	2"

- Dezincification Resistant Lead Free Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- UL 2043 Certified Handle
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content





T-200CSSG-EH

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, Extended Handle, 600 CWP



PART NUMBER	SIZE
200-401SSG-EH	1/4"
200-402SSG-EH	3/8"
200-403SSG-EH	1/2"
200-404SSG-EH	3/4"
200-405SSG-EH	1"
200-406SSG-EH	1-1/4"
200-407SSG-EH	1-1/2"
200-408SSG-EH	2"

- Dezincification Resistant Lead Free Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



S-200CSSG-EH

2 Piece, Full Port, Solder Connection, Stainless Steel Trim, Extended Handle, 600 CWP



PART NUMBER	SIZE
200-413SSG-EH	1/2"
200-414SSG-EH	3/4"
200-415SSG-EH	1"
200-416SSG-EH	1-1/4"
200-417SSG-EH	1-1/2"
200-418SSG-EH	2"

- Dezincification Resistant Lead Free Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available





T-100CG

2 Piece, Full Port, Threaded Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-403G	1/2"	64	16	55
100-404G	3/4"	72	12	56
100-405G	1"	36	6	45
100-406G	1-1/4"	24	4	47
100-407G	1-1/2"	16	2	51
100-408G	2"	12	2	58
100-409G	2-1/2"	2	1	20
100-410G	3"	2	1	28
100-411G	4"	2	1	46

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



S-100CG

2 Piece, Full Port, Solder Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-413G	1/2"	120	12	53
100-414G	3/4"	48	12	57
100-415G	1"	36	6	49
100-416G	1-1/4"	24	4	48
100-417G	1-1/2"	16	2	52
100-418G	2"	12	2	63
100-419G	2-1/2"	2	1	17
100-420G	3"	2	1	25
100-421G	4"	1	1	24

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available

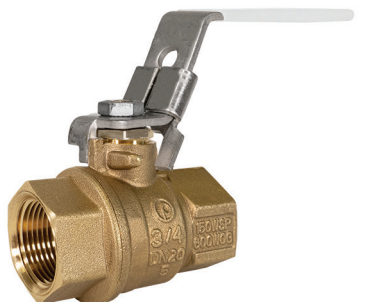


T-100CG-LH

2 Piece, Full Port, Threaded Connection, Locking Handle, 600 WOG

PART NUMBER	SIZE
100-403G-LH	1/2"
100-404G-LH	3/4"
100-405G-LH	1"
100-406G-LH	1-1/4"
100-407G-LH	1-1/2"
100-408G-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content





S-100CG-LH

2 Piece, Full Port, Solder Connection, Locking Handle, 600 WOG

PART NUMBER	SIZE
100-413G-LH	1/2"
100-414G-LH	3/4"
100-415G-LH	1"
100-416G-LH	1-1/4"
100-417G-LH	1-1/2"
100-418G-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



T-100CG-IH

2 Piece, Full Port, Threaded Connection, Insulated Handle, 600 WOG

PART NUMBER	SIZE
100-403G-IH	1/2"
100-404G-IH	3/4"
100-405G-IH	1"
100-406G-IH	1-1/4"
100-407G-IH	1-1/2"
100-408G-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- UL-2043 Certified Handle
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



S-100CG-IH

2 Piece, Full Port, Solder Connection, Insulated Handle, 600 WOG

PART NUMBER	SIZE
100-413G-IH	1/2"
100-414G-IH	3/4"
100-415G-IH	1"
100-416G-IH	1-1/4"
100-417G-IH	1-1/2"
100-418G-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- UL-2043 Certified Handle
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



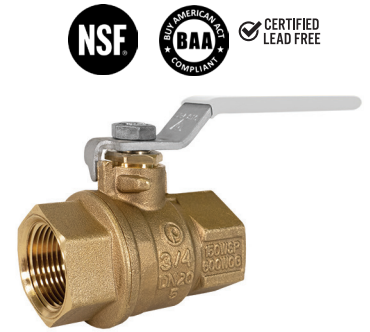


T-100CSSG

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-403SSG	1/2"	64	16	35
100-404SSG	3/4"	72	12	55
100-405SSG	1"	36	6	45
100-406SSG	1-1/4"	24	4	47
100-407SSG	1-1/2"	16	2	51
100-408SSG	2"	12	2	58

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



S-100CSSG

2 Piece, Full Port, Solder Connection, Stainless Steel Trim, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-413SSG	1/2"	120	12	51
100-414SSG	3/4"	48	12	57
100-415SSG	1"	36	6	47
100-416SSG	1-1/4"	24	4	47
100-417SSG	1-1/2"	16	2	53
100-418SSG	2"	12	2	63

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



T-100CSSG-LH

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, Locking Handle, 600 WOG

PART NUMBER	SIZE
100-403SSG-LH	1/2"
100-404SSG-LH	3/4"
100-405SSG-LH	1"
100-406SSG-LH	1-1/4"
100-407SSG-LH	1-1/2"
100-408SSG-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content





S-100CSSG-LH

2 Piece, Full Port, Solder Connection, Stainless Steel Trim,
Locking Handle, 600 WOG

PART NUMBER	SIZE
100-413SSG-LH	1/2"
100-414SSG-LH	3/4"
100-415SSG-LH	1"
100-416SSG-LH	1-1/4"
100-417SSG-LH	1-1/2"
100-418SSG-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED
LEAD FREE



T-100CSSG-IH

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim,
Insulated Handle, 600 WOG

PART NUMBER	SIZE
100-403SSG-IH	1/2"
100-404SSG-IH	3/4"
100-405SSG-IH	1"
100-406SSG-IH	1-1/4"
100-407SSG-IH	1-1/2"
100-408SSG-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- UL-2043 Certified Handle
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED
LEAD FREE



S-100CSSG-IH

2 Piece, Full Port, Solder Connection, Stainless Steel Trim,
Insulated Handle, 600 WOG

PART NUMBER	SIZE
100-413SSG-IH	1/2"
100-414SSG-IH	3/4"
100-415SSG-IH	1"
100-416SSG-IH	1-1/4"
100-417SSG-IH	1-1/2"
100-418SSG-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- UL-2043 Certified Handle
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED
LEAD FREE



LEAK DETECTION O-RINGS



2ND GENERATION PTFE SEATS



BLOW-OUT PROOF STEM & SELF-LOCKING NUT

JP-100G



JP-100G

2 Piece, Full Port, Press Connection with Leak Detection, 250 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-203G	1/2"	60	10	55
100-204G	3/4"	60	10	53
100-205G	1"	24	6	50
100-206G	1-1/4"	24	4	50
100-207G	1-1/2"	10	1	38
100-208G	2"	4	1	24

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available





JP-100G-LH

2 Piece, Full Port, Press Connection with Leak Detection, Locking Handle, 250 WOG

PART NUMBER	SIZE
100-203G-LH	1/2"
100-204G-LH	3/4"
100-205G-LH	1"
100-206G-LH	1-1/4"
100-207G-LH	1-1/2"
100-208G-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 20 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



JP-100G-IH

2 Piece, Full Port, Press Connection with Leak Detection, Insulated Handle, 250 WOG

PART NUMBER	SIZE
100-203G-IH	1/2"
100-204G-IH	3/4"
100-205G-IH	1"
100-206G-IH	1-1/4"
100-207G-IH	1-1/2"
100-208G-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- UL 2043 Certified handle
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content



JP-100G XLC

2 Piece, Full Port, Press XLC Connection, 250 WOG

PART NUMBER	SIZE	CASE	WEIGHT
100-209XLCG	2-1/2"	2	18
100-210XLCG	3"	2	28
100-211XLCG	4"	1	26

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content



**JP-100SSG**

2 Piece, Full Port, Press Connection with Leak Detection, Stainless Steel Trim, 250 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-203SSG	1/2"	60	10	54
100-204SSG	3/4"	60	10	52
100-205SSG	1"	24	6	50
100-206SSG	1-1/4"	24	4	51
100-207SSG	1-1/2"	4	1	39
100-208SSG	2"	4	1	24

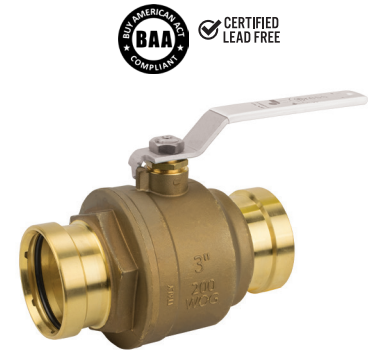
- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available

**JP-100SSG XLC**

2 Piece, Full Port, Press XLC Connection, Stainless Steel Trim, 200 WOG

PART NUMBER	SIZE	CASE	WEIGHT
100-209XLCSSG	2-1/2"	2	18
100-210XLCSSG	3"	2	28
100-211XLCSSG	4"	1	26

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content

**JP-100SSG-LH**

2 Piece, Full Port, Press Connection with Leak Detection, Stainless Steel Trim, Locking Handle, 250 WOG

PART NUMBER	SIZE
100-203SSG-LH	1/2"
100-204SSG-LH	3/4"
100-205SSG-LH	1"
100-206SSG-LH	1-1/4"
100-207SSG-LH	1-1/2"
100-208SSG-LH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content





JP-100SSG-IH

2 Piece, Full Port, Press Connection with Leak Detection, Stainless Steel Trim, Insulated Handle, 250 WOG



PART NUMBER	SIZE
100-203SSG-IH	1/2"
100-204SSG-IH	3/4"
100-205SSG-IH	1"
100-206SSG-IH	1-1/4"
100-207SSG-IH	1-1/2"
100-208SSG-IH	2"

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Press Connection with Leak Detection O-Rings
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- UL-2043 Certified Handle
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content



T-100UEG

2 Piece, Full Port, FIP x Union FIP Connection, Single Union End, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
160-106G	1-1/4"	16	2	56
160-107G	1-1/2"	8	2	40
160-108G	2"	8	2	33

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



T-100HCG

2 Piece, Full Port, Threaded x Hose Connection with Hose Cap, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-753G	1/2" NPT X 3/4" HOSE	100	10	46
100-754G	3/4" NPT X 3/4" HOSE	60	10	60

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Hose Connection with Strapped Cap
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content

**JP-100HCG**

2 Piece, Full Port, Press x Hose Connection with Hose Cap, 250 WOG

CERTIFIED
LEAD FREE

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-773G	1/2" PRESS X 3/4" HOSE	100	10	46
100-774G	3/4" PRESS X 3/4" HOSE	60	10	60

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Hose Connection with Strapped Cap
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content

**T-100FBG**

Filter Ball® | 3-Way, Full Port, Threaded Connection with Integrated Strainer, 400 WOG

CERTIFIED
LEAD FREE

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-833G	1/2"	24	4	25
100-834G	3/4"	24	4	25
100-835G	1"	12	3	32
100-836G	1-1/4"	8	4	36
100-837G	1-1/2"	4	2	26
100-838G	2"	2	2	24

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and Teflon® Seal
- Shipped Standard with 304 SS 28 Mesh Screen
- Available Mesh Screens: 40, 60, 80, 100
- Reversible Handle
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content

**TWV-3W-KIT-G**

Tankless Water Heater Valve Kit, 3-Way Ball, Threaded, Solder, or Press Connection, 600 WOG

CERTIFIED
LEAD FREE

PART NUMBER	SIZE	CASE	WEIGHT
810-504G	3/4" NPT	14	47
810-514G	3/4" SOLDER	14	48
810-524G	3/4" PRESS	12	48

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem With 2 FKM O-Rings and Teflon® Seal
- T.E.A. Coated 3-Way Ball
- 3/4" 200,000 BTU/hr Pressure Relief Valve Included
- Blow-Out Proof Stem
- US Patent No. 7,762,280 B2
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



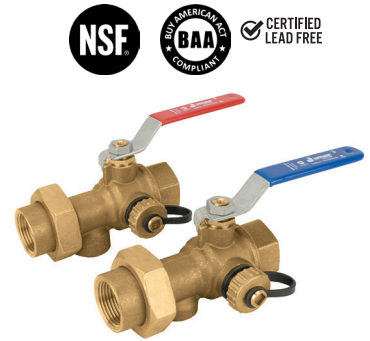


TWV-3W-KIT-G-1

Tankless Water Heater Valve Kit, 3-Way Ball, Threaded Connection, 600 WOG

PART NUMBER	SIZE	CASE	WEIGHT
810-505G	1" NPT	12	48

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and Teflon® Seal
- T.E.A. Coated 3-Way Ball
- Blow-Out Proof Stem
- US Patent No. 7,762,280 B2
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



TWV-3W-KIT-G



Tankless Water Heater Valve Kit, 3-Way Ball, SharkBite™ Connection, 600 WOG

PART NUMBER	SIZE	CASE	WEIGHT
810-594G	3/4" NPT	14	47

- Dezincification Resistant Brass Alloy
- 3/4" 200,000 BTU/hr Pressure Relief Valve Included
- T.E.A. Coated 3-Way Ball
- Triple Sealing Stem with 2 FKM O-Rings and Teflon Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-HG Vacuum Rating
- Wetted Surfaces Contain Less Than .25% Lead Content



CERTIFIED LEAD FREE



TWV-3W-KIT-G W/O RV PORT

Tankless Water Heater Valve Kit, 3-Way Ball, Threaded or Solder Connection, Without Pressure Relief Valve Port, 600 WOG

PART NUMBER	SIZE	CASE	WEIGHT
810-604G	3/4" NPT	40	66
810-614G	3/4" SOLDER	40	66

- Dezincification Resistant Brass Alloy
- Triple Sealing Stem with 2 FKM O-Rings and Teflon® Seal
- T.E.A. Coated 3-Way Ball
- Blow-Out Proof Stem
- US Patent No. 7,762,280 B2
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



JF-100TG

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-101SSG	1/4"	120	10	40
100-102SSG	3/8"	120	10	40
100-103SSG	1/2"	100	10	49
100-104SSG	3/4"	80	10	65
100-105SSG	1"	48	8	57
100-106SSG	1-1/4"	36	4	69
100-107SSG	1-1/2"	24	2	61
100-108SSG	2"	12	3	46
100-109SSG	2-1/2"	6	1	49
100-110SSG	3"	6	1	69
100-111SSG	4"	2	1	40

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



JF-100SG

2 Piece, Full Port, Solder Connection, Stainless Steel Trim, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-113SSG	1/2"	100	10	43
100-114SSG	3/4"	80	10	58
100-115SSG	1"	48	8	53
100-116SSG	1-1/4"	36	4	69
100-117SSG	1-1/2"	24	2	57
100-118SSG	2"	12	3	46
100-119SSG	2-1/2"	6	1	44
100-120SSG	3"	6	1	55
100-121SSG	4"	2	1	35

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



JF-100TG-LH

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, Locking Handle, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-101SSG-LH	1/4"	120	10	40
100-102SSG-LH	3/8"	120	10	40
100-103SSG-LH	1/2"	100	10	49
100-104SSG-LH	3/4"	80	10	65
100-105SSG-LH	1"	48	8	57
100-106SSG-LH	1-1/4"	36	4	69
100-107SSG-LH	1-1/2"	24	2	61
100-108SSG-LH	2"	12	3	46
100-109SSG-LH	2-1/2"	6	1	49
100-110SSG-LH	3"	6	1	69
100-111SSG-LH	4"	2	1	40

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372
- FM Approval (1/4" - 2")
- Wetted Surfaces Contain Less than .25% Lead Content





JF-100SG-LH

2 Piece, Full Port, Solder Connection, Stainless Steel Trim, Locking Handle, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-113SSG-LH	1/2"	100	10	45
100-114SSG-LH	3/4"	80	10	67
100-115SSG-LH	1"	48	8	53
100-116SSG-LH	1-1/4"	36	4	68
100-117SSG-LH	1-1/2"	24	2	62
100-118SSG-LH	2"	12	3	47
100-119SSG-LH	2-1/2"	6	1	44
100-120SSG-LH	3"	6	1	55
100-121SSG-LH	4"	2	1	35

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372
- FM Approval (1/4" - 2")
- Wetted Surfaces Contain Less than .25% Lead Content



JP-150G

2 Piece, Full Port, Press Connection, 250 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
150-203G	1/2"	100	10	54
150-204G	3/4"	60	10	52
150-205G	1"	36	6	49
150-206G	1-1/4"	24	4	50
150-207G	1-1/2"	10	1	38
150-208G	2"	4	1	24

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



JP-150G XLC

2 Piece, Full Port, Press XLC Connection, 250 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
150-209XLCG	2-1/2"	4	1	24
150-210XLCG	3"	4	1	24
150-211XLCG	4"	4	1	24

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content





JP-150G Press x FIP

2 Piece, Full Port, Press x FIP Connection, 250 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
150-563G	1/2"	100	10	46
150-564G	3/4"	60	10	47
150-565G	1"	40	8	34

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



JP-150G Press x MIP

2 Piece, Full Port, Press x MIP Connection, 250 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
150-573G	1/2"	100	10	30
150-574G	3/4"	60	10	34
150-575G	1"	40	6	49

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



T-150G

2 Piece, Full Port, Threaded Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
150-103G	1/2"	100	10	48
150-104G	3/4"	64	8	46
150-105G	1"	48	6	52
150-106G	1-1/4"	20	2	38
150-107G	1-1/2"	16	2	40
150-108G	2"	8	2	30
150-109G	2-1/2"	6	1	41
150-110G	3"	6	1	55
150-111G	4"	2	1	33

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE





S-150G

2 Piece, Full Port, Solder Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
150-113G	1/2"	100	10	43
150-114G	3/4"	64	8	46
150-115G	1"	48	6	58
150-116G	1-1/4"	20	2	36
150-117G	1-1/2"	16	2	39
150-118G	2"	8	2	30
150-119G	2-1/2"	6	1	38
150-120G	3"	6	1	50
150-121G	4"	2	1	32

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



T-110G

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim with Drain, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-633G	1/2"	120	10	51
100-634G	3/4"	80	10	47
100-635G	1"	36	6	43

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- 1/8" Drain Port
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



S-110G

2 Piece, Full Port, Solder Connection, Stainless Steel Trim with Drain, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-643G	1/2"	120	10	51
100-644G	3/4"	80	10	61
100-645G	1"	48	8	43

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content





JP-110G

2 Piece, Full Port, Press Connection, Stainless Steel Trim with Drain, 400 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-643G	1/2"	100	10	51
100-644G	3/4"	60	10	51
100-645G	1"	40	8	50

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



C-402G

2 Piece, Full Port, Compression Connection, Stainless Steel Trim with Drain, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
102-653G	1/2"	100	10	60
102-654G	3/4"	80	10	61
102-655G	1"	48	6	71
WITHOUT DRAIN				
102-663G	1/2"	100	10	60
102-664G	3/4"	80	10	61
102-665G	1"	48	8	71

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- Drain Prevents Freeze-Up
- Eliminates Seat Damage During Soldering
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content





JF-100TLBG

2 Piece, Full Port, Threaded Connection, Long Bonnet Neck, T-Handle, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-123G	1/2"	60	10	44
100-124G	3/4"	60	10	54

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- Long Bonnet Neck for Easier Access in Hard to Reach Applications
- 100% Leak Tested



JF-100SLBG

2 Piece, Full Port, Solder Connection, Long Bonnet Neck, T-Handle, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-153G	1/2"	60	10	41
100-154G	3/4"	60	10	50

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- Long Bonnet Neck for Easier Access in Hard to Reach Applications
- 100% Leak Tested



JP-150LBG

2 Piece, Full Port, Press Connection, Long Bonnet Neck, T-Handle, 250 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
150-213G	1/2"	60	10	43
150-214G	3/4"	60	10	56

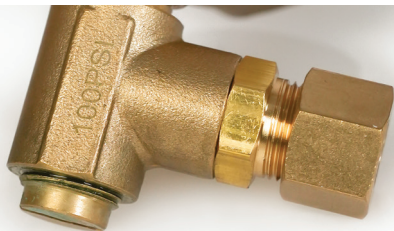
- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- Long Bonnet Neck for Easier Access in Hard to Reach Applications
- 100% Leak Tested



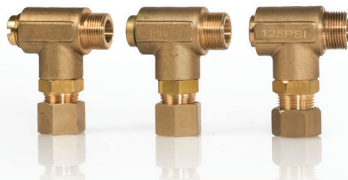
THERMAL EXPANSION RELIEF



MULTIPLE END CONNECTIONS



CUSTOMIZABLE FITTING



80, 100, 125 PSI FACTORY SET RELIEF POINTS



JF-100RVG NPT

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim,
Thermal Expansion Relief, 600 WOG



CERTIFIED
LEAD FREE

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-080RVSSG	3/4"	12	1	16
100-100RVSSG	3/4"	12	1	16
100-125RVSSG	3/4"	12	1	16

- Dezincification Resistant Brass Alloy
- Side Discharge
- Includes Connections: 3/8" Barb, 1/2" Pex, 3/8" Compression Fittings
- Available in 80, 100, 125 PSI
- IAPMO Certified - NSF 61 & NSF 372
- IAPMO Certified - CSA B125.3 & IGC128
- ASTM F1960
- Wetted Surfaces Contain Less than .25% Lead Content





JF-100RVG SWT

2 Piece, Full Port, Solder Connection, Stainless Steel Trim,
Thermal Expansion Relief, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
101-080RVSSG	3/4"	12	1	16
101-100RVSSG	3/4"	12	1	16
101-125RVSSG	3/4"	12	1	16

- Dezincification Resistant Brass Alloy
- Side Discharge
- Includes Connections: 3/8" Barb, 1/2" Pex, 3/8" Compression Fittings
- Available in 80, 100, 125 PSI
- IAPMO Certified - NSF 61 & NSF 372
- IAPMO Certified - CSA B125.3 & IGC128
- Wetted Surfaces Contain Less than .25% Lead Content



JF-100RVG Crimp Pex

2 Piece, Full Port, Crimp Pex Connection, Stainless Steel Trim,
Thermal Expansion Relief, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-080RVSSG	3/4"	12	1	16
103-100RVSSG	3/4"	12	1	16
103-125RVSSG	3/4"	12	1	16

- Dezincification Resistant Brass Alloy
- Side Discharge
- Includes Connections: 3/8" Barb, 1/2" Pex, 3/8" Compression Fittings
- Available in 80, 100, 125 PSI
- IAPMO Certified - NSF 61 & NSF 372
- IAPMO Certified - CSA B125.3 & IGC128
- ASTM F1807
- Wetted Surfaces Contain Less than .25% Lead Content



JF-100RVG Expansion Pex

2 Piece, Full Port, Expansion Pex Connection, Stainless Steel
Trim, Thermal Expansion Relief, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
104-080RVSSG	3/4"	12	1	16
104-100RVSSG	3/4"	12	1	16
104-125RVSSG	3/4"	12	1	16

- Dezincification Resistant Brass Alloy
- Side Discharge
- Includes Connections: 3/8" Barb, 1/2" Pex, 3/8" Compression Fittings
- Available in 80, 100, 125 PSI
- IAPMO Certified - NSF 61 & NSF 372
- IAPMO Certified - CSA B125.3 & IGC128
- Wetted Surfaces Contain Less than .25% Lead Content





JF-100RVG CPVC

2 Piece, Full Port, CPVC Connection, Stainless Steel Trim,
Thermal Expansion Relief, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-080RVSSG	3/4"	12	1	16
105-100RVSSG	3/4"	12	1	16
105-125RVSSG	3/4"	12	1	16

- Dezincification Resistant Brass Alloy
- Side Discharge
- Available in 80, 100, 125 PSI
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED
LEAD FREE



T-422G

2 Piece, Standard Port, Expansion Pex Connection, Stainless Steel
Trim, 400 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
104-523PG	1/2"	120	10	41
104-524PG	3/4"	100	10	51
104-525PG	1"	54	6	48
104-526PG	1-1/4"	36	6	49
104-527PG	1-1/2"	24	4	48
104-528PG	2"	12	2	40
104-529PG	2-1/2"	6	1	34
104-530PG	3"	6	1	61
T-HANDLE				
104-523PG-TH	1/2"	120	10	35
104-524PG-TH	3/4"	100	10	40
104-525PG-TH	1"	54	6	40

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1960
- Wetted Surfaces Contain Less than .25% Lead Content



LOW-LEAD
UPC
C
NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
NSF/ANSI 14

CERTIFIED
LEAD FREE



S-422G

2 Piece, Standard Port, Solder x Expansion Pex Connection,
Stainless Steel Trim, 400 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
104-533PG	1/2"	120	10	38
104-534PG	3/4"	100	10	47
104-535PG	1"	54	6	40
T-HANDLE				
104-533PG-TH	1/2"	120	10	32
104-534PG-TH	3/4"	100	10	43

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1960
- Wetted Surfaces Contain Less than .25% Lead Content



LOW-LEAD
UPC
C
NSF/ANSI/CAN 61
NSF/ANSI/CAN 372
NSF/ANSI 14

CERTIFIED
LEAD FREE



T-422G MIP x Expansion

2 Piece, Standard Port, Threaded MIP x Expansion Pex Connection, Stainless Steel Trim, 400 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
104-534MPG	3/4"	100	10	50
T-HANDLE				
104-534MPG-TH	3/4"	100	10	45

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1960
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



T-422G FIP x Expansion

2 Piece, Standard Port, Threaded FIP x Expansion Pex Connection, Stainless Steel Trim, 400 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
104-554PG	3/4"	120	10	51
104-555PG	1"	54	6	48
T-HANDLE				
104-554PG-TH	3/4"	120	10	49
104-555PG-TH	1"	54	6	43

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1960
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



T-422G Press x Expansion

2 Piece, Standard Port, Press x Expansion Pex Connection, 250 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
104-563PG	1/2"	120	10	47
104-564PG	3/4"	100	10	47
104-565PG	1"	100	10	47

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1960
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE





T-423G

2 Piece, Standard Port, Expansion Pex Connection, Stainless Steel Trim with Drain, 400 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
104-543PG	1/2"	120	10	51
104-544PG	3/4"	100	10	63
104-545PG	1"	54	6	49
T-HANDLE				
104-543PG-TH	1/2"	120	10	40
104-544PG-TH	3/4"	100	10	40

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Drop Ears for Easy Installation
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1960
- Wetted Surfaces Contain Less than .25% Lead Content



T-412G

2 Piece, Standard Port, Crimp Pex Connection, 400 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
103-523PG	1/2"	120	10	35
103-524PG	3/4"	120	10	54
103-525PG	1"	54	6	35
103-526PG	1-1/4"	60	10	57
103-527PG	1-1/2"	24	4	34
103-528PG	2"	12	2	29
T-HANDLE				
103-523PG-TH	1/2"	120	10	28
103-524PG-TH	3/4"	120	10	49
103-525PG-TH	1"	54	6	33

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1807
- Wetted Surfaces Contain Less than .25% Lead Content



S-412G

2 Piece, Standard Port, Solder x Crimp Pex Connection, 400 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
103-533PG	1/2"	120	10	31
103-534PG	3/4"	120	10	54
103-535PG	1"	54	6	40
T-HANDLE				
103-533PG-TH	1/2"	120	10	25
103-534PG-TH	3/4"	120	10	49
103-535PG-TH	1"	54	6	33

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1807
- Wetted Surfaces Contain Less than .25% Lead Content





T-412G MIP x Crimp

2 Piece, Standard Port, Threaded MIP x Crimp Pex Connection, 400 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
103-534MPG	3/4"	120	10	59
T-HANDLE				
103-534MPG-TH	3/4"	120	10	54

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1807
- Wetted Surfaces Contain Less than .25% Lead Content



LEVER HANDLE



T-HANDLE



T-412G FIP x Crimp

2 Piece, Standard Port, Threaded FIP x Crimp Pex Connection, 400 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
103-554PG	3/4"	120	10	53
103-555PG	1"	54	6	43
T-HANDLE				
103-554PG-TH	3/4"	120	10	53
103-555PG-TH	1"	54	6	53

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1807
- Wetted Surfaces Contain Less than .25% Lead Content



LEVER HANDLE



T-HANDLE



T-412G Press x Crimp

2 Piece, Standard Port, Press x Crimp Pex Connection, 250 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-563PG	1/2"	100	10	43
103-564PG	3/4"	60	10	41
103-565PG	1"	40	8	46

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1807
- Wetted Surfaces Contain Less than .25% Lead Content





T-413G

2 Piece, Standard Port, Crimp Pex Connection with Drain,
Stainless Steel Trim, 600 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
103-543PG	1/2"	120	10	36
103-544PG	3/4"	120	10	53
T-HANDLE				
103-543PG-TH	1/2"	120	10	36
103-544PG-TH	3/4"	120	10	36

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- ASTM F1807
- Wetted Surfaces Contain Less than .25% Lead Content



LEVER HANDLE



T-HANDLE



S-155G

CPVC, 2 Piece, Full Port, Solvent Connection, 150 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
150-603G	1/2"	54	6	29
150-604G	3/4"	48	4	40
150-605G	1"	18	2	26

- Dezincification Resistant Brass Alloy
- CTS Connection
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- For Hot/Cold Water Systems
- Quarter-Turn Operation
- CPVC End Connection Inserts



S-165G

CPVC, 2 Piece, Full Port, Solvent Connection with Drain, 150 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
150-663G	1/2"	54	6	31
150-664G	3/4"	48	4	41
150-665G	1"	18	2	26

- Dezincification Resistant Brass Alloy
- CTS Connection
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- For Hot/Cold Water Systems
- Drain Tap 1/8" Orifice
- Quarter-Turn Operation
- CPVC End Connection Inserts





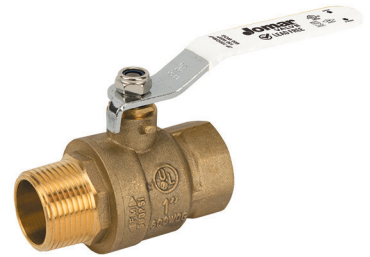
JF-100GMxF

2 Piece, Full Port, MIP x FIP Connection, Stainless Steel Trim, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-131G	1/4"	120	10	60
100-132G	3/8"	120	10	60
100-133G	1/2"	100	10	50
100-134G	3/4"	80	10	60
100-135G	1"	48	8	58

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



JF-100GMxC

2 Piece, Full Port, MIP x Solder Connection, Stainless Steel Trim, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-143G	1/2"	100	10	43
100-144G	3/4"	80	10	60

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



T-82MG

Mini Valve, 2 Piece, Full Port, Threaded Connection with Screwdriver Slot, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-296G	1/4" FIP X 1/8" MIP	350	35	58

- Dezincification Resistant Brass Alloy
- 2 FKM O-Rings
- Greater Flow Rate
- Large Raised Wrench Flats
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Leakproof Stem - Lifetime Warranty
- Wetted Surfaces Contain Less than .25% Lead Content





T-83CG

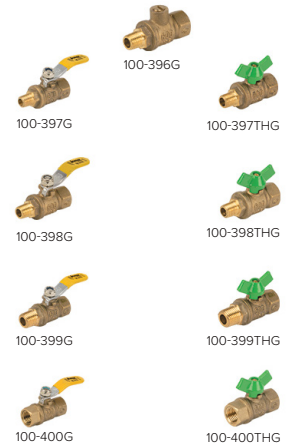
Mini Valve, 2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
SCREWDRIVER SLOT				
100-396G	1/8" FIP X 1/4" MIP	250	25	40
LEVER HANDLE				
100-397G	1/8" FIP X 1/8" MIP	250	25	40
100-398G	1/4" FIP X 1/8" MIP	200	20	49
100-399G	1/4" FIP X 1/4" MIP	250	25	43
100-400G	1/4" FIP X 1/4" FIP	200	20	49
T-HANDLE				
100-397G-TH	1/8" FIP X 1/8" MIP	250	25	40
100-398G-TH	1/4" FIP X 1/8" MIP	200	20	49
100-399G-TH	1/4" FIP X 1/4" MIP	250	25	40
100-400G-TH	1/4" FIP X 1/4" FIP	200	20	49

- Dezincification Resistant Brass Alloy
- Large Raised Wrench Flats
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



JFPG-100

2 Piece, Full Port, Push Fit Connection, 200 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-103JFPG	1/2"	80	10	41
100-104JFPG	3/4"	45	5	33
100-105JFPG	1"	30	2	40

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Easy to Connect and Fit in Seconds
- Connects with Copper, CPVC, PVC, and Pex
- Includes Two Pipe Reinforcers
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



T-100HFG

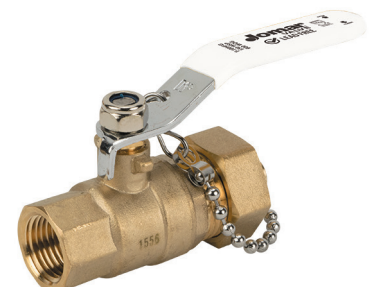
2 Piece, Full Port, Threaded x Hose Connection with Cap and Chain, Stainless Steel Trim, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-653G	1/2" x 3/4" Hose	100	10	60
100-654G	3/4" x 3/4" Hose	60	10	57

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- Cap and Chain for Easy Drain and Hose Connection
- Heavy Steel Chain
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE





S-100HSG

2 Piece, Full Port, Solder x Hose Connection with Cap and Chain, Stainless Steel Trim, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-663G	1/2" x 3/4" Hose	100	10	46
100-664G	3/4" x 3/4" Hose	60	10	75

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- Cap and Chain for Easy Drain and Hose Connection
- Heavy Steel Chain
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



P-100HPG

2 Piece, Full Port, Press x Hose Connection with Cap and Chain, Stainless Steel Trim, 250 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-673G	1/2" x 3/4" Hose	100	10	60
100-674G	3/4" x 3/4" Hose	100	10	60

- Dezincification Resistant Brass Alloy
- Gland Follower and Single O-Ring Stem Design
- Cap and Chain for Easy Drain and Hose Connection
- Heavy Steel Chain
- Blow-Out Proof Stem
- 100% Leak Tested
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content



Lead Free Add-a-Valve

Emergency Shut Off Device



PART NUMBER	SIZE	WEIGHT
800-103ADDG	1/2"	3
800-104ADDG	3/4"	5
800-105ADDG	1"	7
800-106ADDG	1-1/4"	12
800-107ADDG	1-1/2"	16
800-108ADDG	2"	23

- Dezincification Resistant Brass Alloy
- Eliminates Facility Shutdowns
- Cuts Through Copper Tubing with a Hardened Steel Stem Cutter
- Expands a Viton® Seal Across Cut to Stop Flow
- No Pipe Freezing, No Bulky Nitrogen Tanks, No Complete Shutdown
- Bottom Cleanout Cap Serves as Line Tap
- Lead Free Sweat Ball Valve Included in Package
- Loc-Tite® Gasket Sealant Included
- U.S. and Canadian Patent No. 5,316,037
- Can be Installed on Potable Hot/Cold Water and Water/Glycol Systems
- IAPMO Certified - NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content





T-200CSS

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, 600 CWP



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
200-701	1/4"	50	10	29
200-702	3/8"	50	10	27
200-703	1/2"	40	10	29
200-704	3/4"	27	3	32
200-705	1"	18	6	33
200-706	1-1/4"	12	2	29
200-707	1-1/2"	8	4	31
200-708	2"	4	1	24

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



S-200CSS

2 Piece, Full Port, Solder Connection, Stainless Steel Trim, 600 CWP



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
200-803	1/2"	48	12	33
200-804	3/4"	24	8	28
200-805	1"	16	4	31
200-806	1-1/4"	12	2	29
200-807	1-1/2"	8	1	32
200-808	2"	4	1	26

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



T-200CSS-LH

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, Locking Handle, 600 CWP



PART NUMBER	SIZE
200-701-LH	1/4"
200-702-LH	3/8"
200-703-LH	1/2"
200-704-LH	3/4"
200-705-LH	1"
200-706-LH	1-1/4"
200-707-LH	1-1/2"
200-708-LH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



S-200CSS-LH

2 Piece, Full Port, Solder Connection, Stainless Steel Trim, Locking Handle, 600 CWP

PART NUMBER	SIZE
200-803-LH	1/2"
200-804-LH	3/4"
200-805-LH	1"
200-806-LH	1-1/4"
200-807-LH	1-1/2"
200-808-LH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



T-200CSS-IH

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, Insulated Handle, 600 CWP

PART NUMBER	SIZE
200-703-IH	1/2"
200-704-IH	3/4"
200-705-IH	1"
200-706-IH	1-1/4"
200-707-IH	1-1/2"
200-708-IH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- UL-2043 Certified Handle
- 29 in-Hg Vacuum Rating



S-200CSS-IH

2 Piece, Full Port, Solder Connection, Stainless Steel Trim, Insulated Handle, 600 CWP

PART NUMBER	SIZE
200-803-IH	1/2"
200-804-IH	3/4"
200-805-IH	1"
200-806-IH	1-1/4"
200-807-IH	1-1/2"
200-808-IH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- UL-2043 Certified Handle
- 29 in-Hg Vacuum Rating





T-200CSS-EH

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, Extended Handle, 600 CWP

PART NUMBER	SIZE
200-701-EH	1/4"
200-702-EH	3/8"
200-703-EH	1/2"
200-704-EH	3/4"
200-705-EH	1"
200-706-EH	1-1/4"
200-707-EH	1-1/2"
200-708-EH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



S-200CSS-EH

2 Piece, Full Port, Solder Connection, Stainless Steel Trim, Extended Handle, 600 CWP

PART NUMBER	SIZE
200-803-EH	1/2"
200-804-EH	3/4"
200-805-EH	1"
200-806-EH	1-1/4"
200-807-EH	1-1/2"
200-808-EH	2"

- Dezincification Resistant Bronze
- Blow-Out Proof Stem
- Heavy Commercial Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



T-100NE

VIBRATION PROOF SELF-LOCKING NUT

DOUBLE FKM O-RINGS

T.E.A. COATED BRASS BALL



T-100NE

2 Piece, Full Port, Threaded Connection, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-701	1/4"	120	12	43
100-702	3/8"	120	12	41
100-703	1/2"	60	10	35
100-704	3/4"	60	10	53
100-704RAT*	3/4"	60	10	52
100-705	1"	36	6	56
100-706	1-1/4"	24	4	56
100-707	1-1/2"	16	2	52
100-708	2"	12	2	61
100-709	2-1/2"	6	2	59
100-710	3"	4	2	57
100-711	4"	2	1	46

*RED ALUMINUM HANDLE

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available



**S-100NE**

2 Piece, Full Port, Solder Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-803	1/2"	120	12	52
100-804	3/4"	72	12	55
100-805	1"	36	6	47
100-806	1-1/4"	24	4	46
100-807	1-1/2"	16	2	46
100-808	2"	12	2	52
100-809	2-1/2"	6	2	51
100-810	3"	4	2	51

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available

**T-100NE-LH**

2 Piece, Full Port, Threaded Connection, Locking Handle, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-701-LH	1/4"	120	12	44
100-702-LH	3/8"	120	12	42
100-703-LH	1/2"	100	10	56
100-704-LH	3/4"	60	10	54
100-705-LH	1"	36	6	57
100-706-LH	1-1/4"	24	4	57
100-707-LH	1-1/2"	16	2	53
100-708-LH	2"	12	2	62

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating

**T-100NE-IH**

2 Piece, Full Port, Threaded Connection, Insulated Handle, 600 WOG

PART NUMBER	SIZE
100-703-IH	1/2"
100-704-IH	3/4"
100-705-IH	1"
100-706-IH	1-1/4"
100-707-IH	1-1/2"
100-708-IH	2"

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- UL 2043 Certified Handle
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating

**T-100NE-OH**

2 Piece, Full Port, Threaded Connection, Oval Handle, 600 WOG

PART NUMBER	SIZE
100-703-OH	1/2"
100-704-OH	3/4"
100-705-OH	1"
100-706-OH	1-1/4"
100-707-OH	1-1/2"
100-708-OH	2"

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating



**T-100SSE**

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-501	1/4"	120	12	42
100-502	3/8"	120	12	40
100-503	1/2"	60	10	35
100-504	3/4"	60	10	52
100-505	1"	36	6	57
100-506	1-1/4"	24	4	58
100-507	1-1/2"	16	2	59
100-508	2"	12	2	70
100-509	2-1/2"	6	2	69
100-510	3"	4	2	70

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- T.E.A. Ternary Eco Alloy® Coated Body to Prevent Dezincification and Galvanic Corrosion
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available

**T-100SSS**

2 Piece, Full Port, Threaded Connection with Steam Trim, Stainless Steel Trim, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-533	1/2"	60	10	55
100-534	3/4"	60	6	52
100-535	1"	36	6	57
100-536	1-1/4"	24	4	58
100-537	1-1/2"	16	2	59
100-538	2"	12	2	71

- Triple Sealing Stem with 2 FKM O-Rings and Graphite Seal
- 250 WSP
- Special High Temperature Resistant Handle
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available

**T-100FMN**

2 Piece, Full Port, MIP x FIP Connection, 600 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-601	1/4"	100	10	36
100-602	3/8"	100	10	36
100-603	1/2"	100	10	54
100-604	3/4"	60	10	53
100-605	1"	36	6	55

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available



**T-100UE**

2 Piece, Full Port, Threaded Connection with Side Tap, Single Union End, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
160-103	1/2"	60	10	54
160-104	3/4"	36	6	48
160-105	1"	24	4	53
160-106	1-1/4"	16	2	59
160-107	1-1/2"	8	2	39
160-108	2"	8	2	59

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- 3/8"-1/2": 1/8" FIP Side Tap
- 3/4"-2": 1/4" FIP Side Tap
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available

**T-100STN**

2 Piece, Full Port, Threaded Connection with Side Tap, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
170-103	1/2"	80	8	52
170-104	3/4"	60	10	58
170-105	1"	36	6	59
170-106	1-1/4"	24	4	63
170-107	1-1/2"	16	2	56
170-108	2"	12	2	64

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- FIP x Union FIP
- 3/8"-1/2": 1/8" FIP Side Tap
- 3/4"-2": 1/4" FIP Side Tap
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available

**JP-100**

2 Piece, Full Port, Press Connection, 250 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-203	1/2"	60	10	33
100-204	3/4"	40	10	35
100-205	1"	32	8	44
100-206	1-1/4"	24	4	49
100-207	1-1/2"	4	1	14
100-208	2"	4	1	20

- Corrosion Resistant Brass
- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating
- Accessories Available





JP-100 XLC

2 Piece, Full Port, Press XLC Connection, 200 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-209XLC	2-1/2"	2	1	18
100-210XLC	3"	2	1	28
100-211XLC	4"	1	1	25

- Triple Sealing Stem with 2 FKM O-Rings and 2nd Generation PTFE Seal
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty



S-100-DUE

2 Piece, Full Port, Solder Connection, Double Union End, 400 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
160-503	1/2"	48	12	35
160-504	3/4"	48	8	57
160-505	1"	21	4	52
160-506	1-1/4"	16	4	50
160-507	1-1/2"	12	2	49
160-508	2"	4	2	25

- Corrosion Resistant Brass
- Triple Sealing Stem with 2 FKM O-Rings and Teflon Seal
- Blow-Out Proof Stem
- Unions on Inlet and Outlet
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- Accessories Available

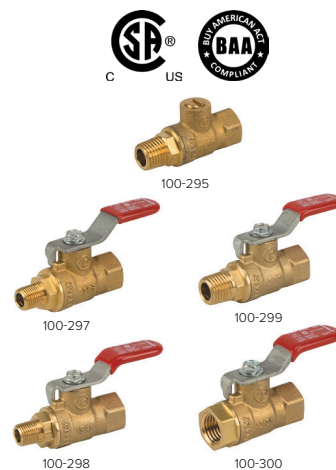


T-82-M

Mini Valve, 2 Piece, Full Port, Threaded Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
SCREWDRIVER SLOT				
100-295	1/4" FIP X 1/4" MIP	350	35	58
LEVER HANDLE				
100-297	1/8" FIP X 1/8" MIP	200	50	39
100-298	1/4" FIP X 1/8" MIP	250	25	47
100-299	1/4" FIP X 1/4" MIP	200	50	39
100-300	1/4" FIP X 1/4" FIP	200	50	45

- 2 FKM O-Rings
- Blow-Out Proof Stem
- Greater Flow Rate
- Large Raised Wrench Flats
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- 29 in-Hg Vacuum Rating



**T-84-M**

Mini Valve, 1 Piece, Standard Port, Threaded Connection, 450 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
FIP X FIP				
100-430	1/8"	100	25	19
100-431	1/4"	100	25	19
100-432	3/8"	100	25	19
100-433	1/2"	100	25	31
MIP X FIP				
100-440	1/8"	100	25	15
100-441	1/4"	100	25	15
100-442	3/8"	100	25	18
100-443	1/2"	100	25	29

- Chrome Plated Brass
- Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested
- 100% Made in Italy



FIP X FIP



MIP X FIP

**T-83C**

Mini Valve, 2 Piece, Full Port, Threaded Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
100-397	1/8" FIP x 1/8" MIP	250	25	40
100-398	1/4" FIP x 1/8" MIP	200	20	40
100-399	1/4" FIP x 1/4" MIP	250	25	44
100-400	1/4" FIP x 1/4" FIP	200	20	33
T-HANDLE				
100-397-TH	1/8" FIP x 1/8" MIP	250	25	40
100-398-TH	1/4" FIP x 1/8" MIP	200	20	40
100-399-TH	1/4" FIP x 1/4" MIP	250	25	40
100-400-TH	1/4" FIP x 1/4" FIP	200	20	49

- 2 Buna-N O-Rings
- Large Raised Wrench Flats
- 100% Made in Italy



100-397



100-397TH



100-398



100-398TH



100-399



100-399TH



100-400



100-400TH

**PF-86-PF**

2 Piece, Push Fit x Push Fit Connection, 145 PSI

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
186-530	1/8"	150	25	16
186-531	1/4"	150	25	18
186-533	3/8"	150	25	27

- FKM O-Rings
- Corrosion Resistant
- Applicable in Limited Spaces
- Chrome Plated
- 100% Made in Italy

**PF-86-M**

2 Piece, MNPT x Push Fit Connection, 145 PSI

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
186-730	1/8" MNPT x 5/32" PF	150	25	16
186-731	1/8" MNPT x 1/4" PF	150	25	17
186-741	1/4" MNPT x 1/4" PF	150	25	18
186-743	3/8" MNPT x 3/8" PF	150	25	23

- FKM O-Rings
- Corrosion Resistant
- Applicable in Limited Spaces
- Chrome Plated
- 100% Made in Italy

**JF-100T**

2 Piece, Full Port, Threaded Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-101	1/4"	120	10	39
100-102	3/8"	120	10	40
100-103	1/2"	100	10	48
100-104	3/4"	80	10	63
100-105	1"	48	8	56
100-106	1-1/4"	36	4	67
100-107	1-1/2"	24	2	61
100-108	2"	12	3	44
100-109	2-1/2"	6	1	49
100-110	3"	6	1	66
100-111	4"	2	1	40
T-HANDLE				
100-101-TH	1/4"	120	10	40
100-102-TH	3/8"	120	10	40
100-103-TH	1/2"	100	10	50
100-104-TH	3/4"	120	10	40
100-105-TH	1"	48	8	58

- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested



**JF-100S**

2 Piece, Full Port, Solder Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-113	1/2"	100	10	45
100-114	3/4"	80	10	61
100-115	1"	48	8	53
100-116	1-1/4"	36	4	68
100-117	1-1/2"	24	2	62
100-118	2"	12	3	47
100-119	2-1/2"	6	1	44
100-120	3"	6	1	55
100-121	4"	2	1	35

- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested

**JF-100T-LH**

2 Piece, Full Port, Threaded Connection, Locking Handle, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-101-LH	1/4"	120	10	40
100-102-LH	3/8"	120	10	40
100-103-LH	1/2"	100	10	52
100-104-LH	3/4"	80	10	70
100-105-LH	1"	48	8	61
100-106-LH	1-1/4"	36	4	68
100-107-LH	1-1/2"	24	2	61
100-108-LH	2"	12	3	45
100-109-LH	2-1/2"	6	1	49
100-110-LH	3"	6	1	69
100-111-LH	4"	2	1	40

- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- Latch Lock Handle
- 100% Leak Tested

**JF-100S-LH**

2 Piece, Full Port, Solder Connection, Locking Handle, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-113-LH	1/2"	100	10	45
100-114-LH	3/4"	80	10	61
100-115-LH	1"	48	8	53
100-116-LH	1-1/4"	36	4	68
100-117-LH	1-1/2"	24	2	62
100-118-LH	2"	12	3	47
100-119-LH	2-1/2"	6	1	44
100-120-LH	3"	6	1	55
100-121-LH	4"	2	1	35

- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- Latch Lock Handle
- 100% Leak Tested



**JF-100TFM**

2 Piece, Full Port, MIP x FIP Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
100-131	1/4"	120	10	60
100-132	3/8"	120	10	60
100-133	1/2"	100	10	50
100-134	3/4"	80	10	60
100-135	1"	48	8	58
T-HANDLE				
100-131-TH	1/4"	120	10	60
100-132-TH	3/8"	120	10	60
100-133-TH	1/2"	100	10	50
100-134-TH	3/4"	80	10	60
100-135-TH	1"	48	8	58

- Gland Follower and Single O-Ring Stem Design
- Blow-Out Proof Stem
- 100% Leak Tested



LEVER HANDLE



T-HANDLE

**JF-100TS**

2 Piece, Full Port, SAE Threaded Connection, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-106-20	1-1/4"	36	4	67
100-107-24	1-1/2"	24	2	61

- Forged Brass Body
- Adjustable Packing Gland
- Blow-Out Proof Stem
- SAE J1926-1 Threads
- 100% Leak Tested
- 29 in-HG Vacuum Rating





S-650-CE-4B

3 Piece 4 Bolt, Copper Stub Connection, Oxygen Cleaned,
600 WOG

PART NUMBER	SIZE	WEIGHT
500-803	1/2"	2
500-804	3/4"	3
500-805	1"	4
500-806	1-1/4"	5
500-807	1-1/2"	7
500-808	2"	17

- NFPA-99C Standard
- "K" Copper Tubing Extensions Silver Brazed
- Latch Lock Handle is Standard
- Oxygen Cleaned
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



S-675-DGP-4B

3 Piece 4 Bolt, Copper Stub Connection, Double Gauge Port,
Oxygen Cleaned, 600 WOG

PART NUMBER	SIZE	WEIGHT
500-833	1/2"	2
500-834	3/4"	3
500-835	1"	4
500-836	1-1/4"	5
500-837	1-1/2"	7
500-838	2"	13

- NFPA-99C Standard
- Two 1/8" Gauge Purge Ports
- "K" Copper Tubing Extensions Silver Brazed
- Latch Lock Handle is Standard
- Oxygen Cleaned
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



S-675-DGP-4B-SS

3 Piece 4 Bolt, Copper Stub Connection, Double Gauge Port,
Oxygen Cleaned, Stainless Steel Trim, 600 WOG

PART NUMBER	SIZE	WEIGHT
500-833SS	1/2"	2
500-834SS	3/4"	3
500-835SS	1"	4
500-836SS	1-1/4"	5
500-837SS	1-1/2"	7
500-838SS	2"	13

- NFPA-99C Standard
- Two 1/8" Gauge Purge Ports
- "K" Copper Tubing Extensions Silver Brazed
- Latch Lock Handle is Standard
- Oxygen Cleaned
- 100% Leak Tested
- 29 in-Hg Vacuum Rating



Repair Kits

Medical Gas Ball Valves

PART NUMBER	SIZE
899-563	1/2"
899-564	3/4"
899-565	1"
899-566	1-1/4"
899-567	1-1/2"
899-568	2"





T-204

2 Piece, 600 WOG

T-HANDLE	TEARDROP	SIZE	CASE	CARTON	WEIGHT
FIP X FIP					
101-401	101-411	1/4"	120	12	44
101-402	101-412	3/8"	120	12	40
101-403	101-413	1/2"	48	12	40
101-404	101-414	3/4"	48	12	56
101-404BRT*	-	3/4"	60	6	52
*Brass T-Handle					
FLARE X FIP					
101-502	101-512	3/8" X 1/2"	140	14	56
101-503	101-513	1/2" X 1/2"	140	14	61
101-504	-	5/8" X 3/4"	80	8	51
FLARE X FLARE					
101-601	-	1/2" X 3/8"	80	20	34
101-602	101-612	3/8" X 3/8"	120	12	48
101-603	101-613	1/2" X 1/2"	48	12	34
101-604	101-614	5/8" X 5/8"	80	8	51
MIP X FLARE					
101-702	101-712	1/2" X 3/8"	120	12	51
101-703	101-713	1/2" X 1/2"	32	6	52

- T-Handle or Teardrop Handle Available on Most Configurations
- Valve Can be Locked in Closed Position by Reversing Handle
- 2 NBR O-Rings
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- Use Model T-100NE for Sizes Above 3/4"

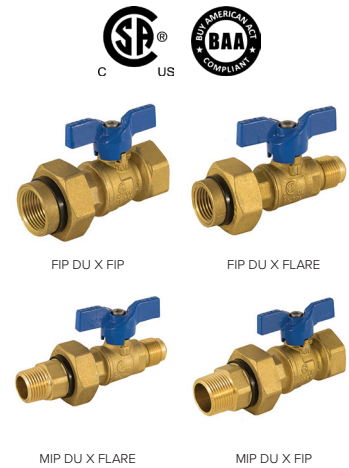


T-204DU

2 Piece, Integrated Dielectric Union End, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
FIP DU X FIP				
101-403DU	1/2" X 1/2"	80	8	54
101-404DU	3/4" X 3/4"	40	4	43
FIP DU X FLARE				
101-513DU	1/2" X 1/2"	80	8	58
MIP DU X FLARE				
101-703DU	1/2" X 1/2"	60	6	46
101-704DU	3/4" X 5/8"	40	8	44
MIP DU X FIP				
101-803DU	1/2" X 1/2"	60	6	46
101-804DU	3/4" X 3/4"	40	8	47

- Meets NFPA 58 Dielectric Union Requirement
- Valve Can be Locked in Closed Position by Reversing Handle
- 2 NBR O-Rings
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty



**T-203**

2 Piece, Side Tap, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
FIP X FIP				
102-301	1/4"	100	10	44
102-302	3/8"	100	10	40
102-303	1/2"	60	10	47
102-304	3/4"	48	12	37
FLARE X FLARE				
102-402	3/8"	80	20	51
102-403	1/2"	48	12	57
102-404	5/8"	80	8	54
FLARE X FIP				
102-405	1/2"	100	10	50

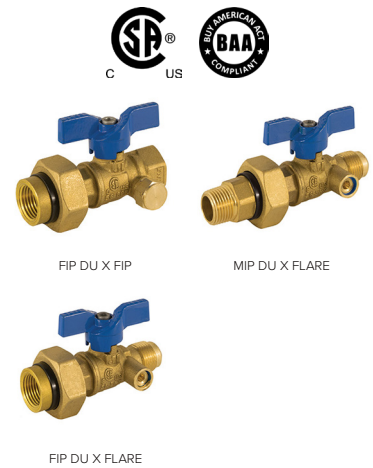
- Eliminates Need for Test Tee and Labor to Install
- Ideal for Outside Use in Extremely Cold Climates
- Removable Plug Enables Port for Pressure Gauge
- 1/8" Side Tap
- Valve Can be Locked in Closed Position by Reversing Handle
- 2 NBR O-Rings
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty
- Use Model T-100STN for Sizes Above 3/4"

**T-203DU**

2 Piece, Integrated Dielectric Union End, Side Tap, 600 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
FIP DU X FIP				
102-313DU	1/2"	60	6	43
102-314DU	3/4"	40	4	44
MIP DU X FLARE				
102-403DU	1/2"	60	6	48
FIP DU X FLARE				
102-413DU	1/2"	60	6	42

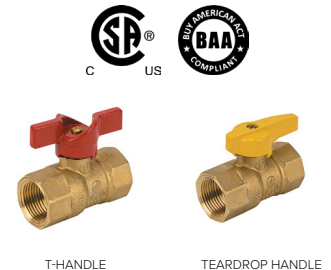
- Meets NFPA 58 Dielectric Union Requirement
- Eliminates Need for Test Tee and Labor to Install
- Removable Plug Enables Port for Pressure Gauge
- Valve Can be Locked in Closed Position by Reversing Handle
- 2 NBR O-Rings
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty

**T-205**

2 Piece, Threaded Connection, 400 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
RED T-HANDLE				
102-503	1/2"	140	14	60
102-504	3/4"	60	10	59
102-505	1"	60	10	57
YELLOW TEARDROP HANDLE				
102-513	1/2"	120	12	49
102-514	3/4"	100	10	58

- Valve Can be Locked in Closed Position by Reversing Handle
- Triple Sealing Stem with 2 FKM O-Rings and Teflon® Seal
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty





T-2005C

2 Piece, Threaded Connection, 175 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
YELLOW TEARDROP HANDLE				
102-603	1/2"	100	10	35
102-604	3/4"	100	10	52
102-605	1"	60	6	51
RED TEARDROP HANDLE				
102-623	1/2"	100	10	34
102-624	3/4"	100	10	48
102-625	1"	60	6	52

- Valve Can be Locked in Open or Closed Position by Reversing Handle
- Gland Follower and Single O-Ring Stem Design
- 100% Leak Tested



YELLOW TEARDROP HANDLE RED TEARDROP HANDLE



T-2004C

2 Piece, Flare Connection, 175 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
FLARE X FLARE				
102-612	3/8"	100	10	31
102-613	1/2"	100	10	38
102-614	5/8"	60	10	51
FLARE X FIP				
102-633	1/2"	100	10	38

- Valve Can be Locked in Open or Closed Position by Reversing Handle
- Gland Follower and Single O-Ring Stem Design
- Plastic Caps to Protect Flare Connection and Threads
- 100% Leak Tested



FLARE X FLARE

FLARE X FIP

**T-CS-1001N-SS**

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, 1000 WOG



LEAD FREE

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-971	1/4"	80	10	51
100-972	3/8"	80	10	50
100-973	1/2"	60	10	47
100-974	3/4"	30	10	47
100-975	1"	20	10	47
100-976	1-1/4"	16	4	58
100-977	1-1/2"	8	4	46
100-978	2"	6	2	52

- Solid Ball Construction
- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content

**T-CS-2000N-SS**

2 Piece, Standard Port, Threaded Connection, Stainless Steel Trim, 2000 WOG



LEAD FREE

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-951	1/4"	80	10	44
100-952	3/8"	80	10	45
100-953	1/2"	80	10	56
100-954	3/4"	30	10	43
100-955	1"	30	10	57
100-956	1-1/4"	20	5	53
100-957	1-1/2"	15	5	58
100-958	2"	10	5	58

- Solid Ball Construction
- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content

**T-CS-1000N-SS-4B**

3 Piece 4 Bolt, Swing Out Body, Full Port, Threaded Connection, Stainless Steel Trim, 1000 WOG



LEAD FREE

PART NUMBER	SIZE	CARTON	WEIGHT
500-403	1/2"	10	14
500-404	3/4"	10	21
500-405	1"	8	25
500-406	1-1/4"	5	24
500-407	1-1/2"	5	34
500-408	2"	2	21

- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available





S-CS-1000N-SS-4B

3 Piece 4 Bolt, Swing Out Body, Full Port, Socket Weld Connection, Stainless Steel Trim, 1000 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
500-503	1/2"	10	14
500-504	3/4"	10	21
500-505	1"	8	25
500-506	1-1/4"	5	24
500-507	1-1/2"	5	34
500-508	2"	2	21

- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available



T-CS-2001N-SS-4B

3 Piece 4 Bolt Enclosed, Standard Port, Threaded Connection, Stainless Steel Trim, 2000 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
601-613	1/2"	10	19
601-614	3/4"	10	23
601-615	1"	8	31
601-616	1-1/4"	5	31
601-617	1-1/2"	5	39
601-618	2"	2	22

- Solid Ball Construction
- Latch Lock Handle May be Locked in Open or Closed Position
- Blow-Out Proof Stem
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available



S-CS-2001N-SS-4B

3 Piece 4 Bolt Enclosed, Standard Port, Socket Weld Connection, Stainless Steel Trim, 2000 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
601-633	1/2"	10	19
601-634	3/4"	10	23
601-635	1"	8	31
601-636	1-1/4"	6	31
601-637	1-1/2"	5	39
601-638	2"	2	22

- Solid Ball Construction
- Latch Lock Handle May be Locked in Open or Closed Position
- Blow-Out Proof Stem
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available



**T-CS-2002N-SS-DUE**

5 Piece, Full Port, Threaded Connection, Double Union End,
Stainless Steel Trim, 3000 WOG



PART NUMBER	SIZE	CARTON	WEIGHT
100-992	3/8"	10	19
100-993	1/2"	10	18
100-994	3/4"	8	21
100-995	1"	8	31
100-996	1-1/4"	6	35
100-997	1-1/2"	4	36
100-998	2"	2	26

- Solid Ball Construction
- Mounting Pad
- Reversible Handle
- Locking Handle Available
- Adjustable Stem Packing with Blow-Out Proof Stem
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available

**S-CS-2002N-SS-DUE**

5 Piece, Full Port, Socket Weld Connection, Double Union End,
Stainless Steel Trim, 3000 WOG



PART NUMBER	SIZE	CARTON	WEIGHT
101-992	3/8"	10	19
101-993	1/2"	10	18
101-994	3/4"	8	21
101-995	1"	8	31
101-996	1-1/4"	6	35
101-997	1-1/2"	4	36
101-998	2"	2	26

- Solid Ball Construction
- Mounting Pad
- Reversible Handle
- Locking Handle Available
- Adjustable Stem Packing with Blow-Out Proof Stem
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available





FL-CS-100-150

2 Piece, Full Port, Flanged Connection, Stainless Steel Trim, Class 150



PART NUMBER	SIZE	CARTON	WEIGHT
600-203	1/2"	2	7
600-204	3/4"	2	9
600-205	1"	2	14
600-207	1-1/2"	2	28
600-208	2"	2	20
600-209	2-1/2"	1	28
600-210	3"	1	46
600-211	4"	1	74
600-212	6"	1	176
600-213	8"	1	342
600-214	10"	1	551
600-215	12"	1	817

- Raised Face Flange
- Wrench Operator
- Locking Device Comes Standard
- Fire Safe Stem and Body Graphite Seals
- Air Tested Seat Leakage: 85 PSI
- Hydraulic Tested Body: 427 PSI
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available



FL-CS-100-300

2 Piece, Full Port, Flanged Connection, Stainless Steel Trim, Class 300



PART NUMBER	SIZE	CARTON	WEIGHT
600-228	2"	1	28
600-230	3"	1	62
600-231	4"	1	106
600-232	6"	1	225
600-233	8"	1	404

- Raised Face Flange
- Wrench Operator
- Locking Device Comes Standard
- Fire Safe Stem and Body Graphite Seals
- Air Tested Seat Leakage: 85 PSI
- Hydraulic Tested Body: 1124 PSI
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available





T-SS-1001N

2 Piece, Full Port, Threaded Connection, 1000 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-961	1/4"	80	10	53
100-962	3/8"	80	10	50
100-963	1/2"	60	10	49
100-964	3/4"	30	10	47
100-965	1"	20	10	46
100-966	1-1/4"	16	4	58
100-967	1-1/2"	8	4	44
100-968	2"	6	2	49

- Solid Ball Construction
- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



T-SS-2000N

2 Piece, Standard Port, Threaded Connection, 2000 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-931	1/4"	80	10	45
100-932	3/8"	80	10	42
100-933	1/2"	80	10	56
100-934	3/4"	30	10	43
100-935	1"	30	10	58
100-936	1-1/4"	20	5	53
100-937	1-1/2"	15	5	58
100-938	2"	10	5	58

- Solid Ball Construction
- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



T-SS-2000N-FP

2 Piece, Full Port, Threaded Connection, 2000 WOG



PART NUMBER	SIZE	CASE	WEIGHT
101-941	1/4"	36	25
101-942	3/8"	36	23
101-943	1/2"	70	55
101-944	3/4"	40	51
101-945	1"	25	49
101-946	1-1/4"	18	53
101-947	1-1/2"	10	47
101-948	2"	7	51
101-949	2-1/2"	3	41
101-950	3"	1	23
101-951	4"	1	47

- Solid Ball Construction
- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



T-SS-2000N-MF

2 Piece, Standard Port, MIP x FIP Connection, 2000 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-931	1/4"	80	10	42
100-933	1/2"	80	10	56
100-934	3/4"	30	10	43
100-935	1"	30	10	58

- Solid Ball Construction
- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



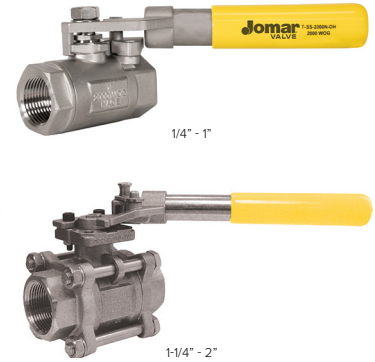
T-SS-2000N-DH

2 Piece, Standard Port, Threaded Connection, Spring Return Handle, 2000 WOG



PART NUMBER	SIZE	CARTON	WEIGHT
100-931-DH	1/4"	10	13
100-932-DH	3/8"	10	13
100-933-DH	1/2"	10	14
100-934-DH	3/4"	8	17
100-935-DH	1"	8	22
100-936-DH	1-1/4"	1	3
100-937-DH	1-1/2"	1	4
100-938-DH	2"	1	5

- Solid Ball Construction
- Fail Safe Position
- 1-1/4"-2": 3 Piece, 4 Bolt Pattern
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



T-SS-1050N-3L

2 Piece, Reduced Port, 3-Way Dispenser, Threaded Connection, 1000 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
500-203	1/2"	10	50	64
500-204	3/4"	10	50	82
500-205	1"	6	30	73

- Locking Handle
- Blow-Out Proof Stem
- Antistatic Device
- 180° Handle Prevents Cross-Contamination
- ISO 5211 Mounting Pad





T-SS-900N

2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, 1000 WOG

✓ LEAD FREE

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
100-903	1/2"	50	5	21
100-904	3/4"	40	4	24
100-905	1"	24	2	22
100-906	1-1/4"	24	2	31
100-907	1-1/2"	12	2	24
100-908	2"	12	2	38

- Solid Ball Construction
- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content





3 PIECE 4 BOLT SWING OUT BODY DESIGN



HANDLE MAY BE LOCKED IN OPEN OR CLOSED POSITION



MULTIPLE CONFIGURATIONS

T-SS-1000N-4B



T-SS-1000N-4B

3 Piece 4 Bolt, Swing Out Body, Full Port, Threaded Connection, Stainless Steel Trim, 1000 WOG



PART NUMBER	SIZE NPT	CARTON	WEIGHT
500-301	1/4"	10	10
500-302	3/8"	10	10
500-303	1/2"	10	14
500-304	3/4"	10	21
500-305	1"	8	25
500-306	1-1/4"	5	23
500-307	1-1/2"	5	34
500-308	2"	2	21
500-310	3"	2	58
500-311	4"	1	45
NPT X SQUARE FLANGE			
500-358	2"	2	26
SQUARE FLANGE X SQUARE FLANGE			
500-368	2"	2	32
NPT WITH PORT TAP			
501-308	2"	2	23
NPT X SQUARE FLANGE WITH PORT TAP			
501-358	2"	2	28

- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available





S-SS-1000N-4B

3 Piece 4 Bolt, Swing Out Body, Full Port, Socket Weld Connection, Stainless Steel Trim, 1000 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
SWT			
500-343	1/2"	10	14
500-344	3/4"	10	21
500-345	1"	8	25
500-346	1-1/4"	5	24
500-347	1-1/2"	5	34
500-348	2"	2	21
500-350	3"	2	56
500-351	4"	1	45
SWT WITH PORT TAP			
511-308	2"	2	21

- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available



SWT



SWT W/PORT TAP



TS-SS-1000N-4B

3 Piece 4 Bolt, Swing Out Body, Full Port, Threaded x Socket Weld Connection, Stainless Steel Trim, 1000 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
500-376	1-1/4"	5	24
500-378	2"	2	21

- Latch Lock Handle May be Locked in Open or Closed Position
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available



T-SS-2001N-4B

3 Piece 4 Bolt Enclosed, Standard Port, Threaded Connection, Stainless Steel Trim, 2000 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
601-603	1/2"	10	19
601-604	3/4"	10	23
601-605	1"	8	31
601-606	1-1/4"	6	31
601-607	1-1/2"	5	29
601-608	2"	2	22

- Solid Ball Construction
- Latch Lock Handle May be Locked in Open or Closed Position
- Blow-Out Proof Stem
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available





S-SS-2001N-4B

3 Piece 4 Bolt Enclosed, Standard Port, Socket Weld Connection, Stainless Steel Trim, 2000 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
601-623	1/2"	10	19
601-624	3/4"	10	23
601-625	1"	8	31
601-626	1-1/4"	6	31
601-627	1-1/2"	5	39
601-628	2"	2	22

- Solid Ball Construction
- Latch Lock Handle May be Locked in Open or Closed Position
- Blow-Out Proof Stem
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available



LEAD FREE



T-SS-2002N-DUE

5 Piece, Full Port, Threaded Connection, Double Union End, Stainless Steel Trim, 3000 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
100-983	1/2"	10	17
100-984	3/4"	8	20
100-985	1"	8	30
100-986	1-1/4"	6	34
100-987	1-1/2"	4	35
100-988	2"	2	26

- Solid Ball Construction
- Mounting Pad
- Reversible Handle
- Locking Handle Available
- Adjustable Stem Packing with Blow-Out Proof Stem
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available



LEAD FREE



S-SS-2002N-DUE

5 Piece, Full Port, Socket Weld Connection, Double Union End, Stainless Steel Trim, 3000 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
101-983	1/2"	10	17
101-984	3/4"	8	20
101-985	1"	8	30
101-986	1-1/4"	6	34
101-987	1-1/2"	4	35
101-988	2"	2	26

- Solid Ball Construction
- Mounting Pad
- Reversible Handle
- Locking Handle Available
- Adjustable Stem Packing with Blow-Out Proof Stem
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available



LEAD FREE



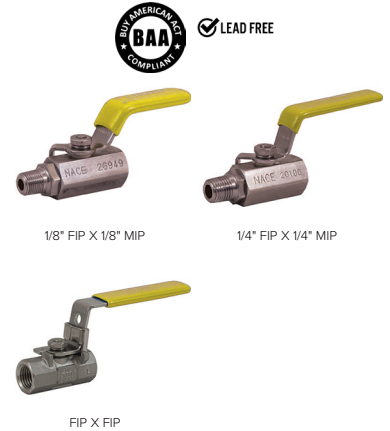


T-SS-1000

Mini Valve, 1 Piece/2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, 1000 WOG

PART NUMBER	SIZE	CARTON
500-098	1/8" FIP X 1/8" MIP	10
500-099	1/4" FIP X 1/4" MIP	10
500-101	1/4" FIP X 1/4" FIP	10

- Solid Ball Construction
- Corrosion Resistant
- 100% Leak Tested
- 29 in-Hg Vacuum Rating
- Wetted Surfaces Contain Less than .25% Lead Content



FL-SS-100-150

2 Piece, Full Port, Flanged Connection, Class 150

PART NUMBER	SIZE	CARTON	WEIGHT
600-103	1/2"	2	7
600-104	3/4"	2	9
600-105	1"	2	14
600-107	1-1/2"	2	28
600-108	2"	2	20
600-109	2-1/2"	1	28
600-110	3"	1	46
600-111	4"	1	74
600-112	6"	1	176
600-113	8"	1	342
600-114	10"	1	551
600-115	12"	1	817

- Raised Face Flange
- Wrench Operator
- Locking Device Comes Standard
- Fire Safe Stem and Body Graphite Seals
- Air Tested Seat Leakage: 85 PSI
- Hydraulic Tested Body: 427 PSI
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available



FL-SS-100-300

2 Piece, Full Port, Flanged Connection, Class 300

PART NUMBER	SIZE	CARTON	WEIGHT
600-128	2"	1	28
600-130	3"	1	62
600-131	4"	1	106
600-132	6"	1	225
600-133	8"	1	404

- Raised Face Flange
- Wrench Operator
- Locking Device Comes Standard
- Fire Safe Stem and Body Graphite Seals
- Air Tested Seat Leakage: 85 PSI
- Hydraulic Tested Body: 1124 PSI
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content
- Repair Kits Available





Repair Kit

Carbon Steel & Stainless Steel Ball Valves

PART NUMBER	SIZE	PART NUMBER	SIZE	PART NUMBER	SIZE
1000N SERIES		2001N SERIES		2002N-DUE SERIES	
899-911	1/4"	899-943	1/2"	899-981	1/4"
899-912	3/8"	899-944	3/4"	899-982	3/8"
899-913	1/2"	899-945	1"	899-983	1/2"
899-914	3/4"	899-946	1-1/4"	899-984	3/4"
899-915	1"	899-947	1-1/2"	899-985	1"
899-916	1-1/4"	899-948	2"	899-986	1-1/4"
899-917	1-1/2"			899-987	1-1/2"
899-918	2"			899-988	2"
899-919	2-1/2"				
899-920	3"				
899-921	4"				



Repair Kit

Flanged Carbon Steel & Stainless Steel Ball Valves

PART NUMBER	SIZE	PART NUMBER	SIZE
FLANGED CLASS 150 SERIES		FLANGED CLASS 300 SERIES	
600-116	2"	600-136	2"
600-117	2-1/2"	600-137	2-1/2"
600-118	3"	600-138	3"
600-119	4"	600-139	4"
600-120	6"	600-141	6"
600-121	8"	600-143	8"
600-122	10"		
600-123	12"		





BALANCING VALVES



TB-120G

RecircSetter™ | Thermostatic Balancing, Variable Set Point,
Optional Check Valve, 150 CWP

PART NUMBER	SIZE
180-103G-B	1/2"
180-104G-B	3/4"
WITH CHECK VALVE	
180-103G-B-C	1/2"
180-104G-B-C	3/4"

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Optional Check Valve
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



OPTIONAL CHECK VALVE



TB-130G

RecircSetter™ | Thermostatic Balancing, Variable Set Point,
Optional Check Valve, Thermal Disinfection, 150 CWP

PART NUMBER	SIZE
180-103G-D	1/2"
180-104G-D	3/4"
WITH CHECK VALVE	
180-103G-D-C	1/2"
180-104G-D-C	3/4"

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Optional Check Valve
- Thermal Disinfection Bypass (160°F)
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



OPTIONAL CHECK VALVE

**TB-150G**

RecircSetter™ | Thermostatic Balancing, Variable Set Point,
Optional Check Valve, Actuated Thermal Disinfection, 150 CWP

PART NUMBER	SIZE
180-103G-A	1/2"
180-104G-A	3/4"
WITH CHECK VALVE	
180-103G-A-C	1/2"
180-104G-A-C	3/4"

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Optional Check Valve
- Actuated Thermal Disinfection for use with BMS
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



OPTIONAL CHECK VALVE



TB-120MG

RecircSetter™ | Thermostatic Balancing, Variable Set Point, Dual Isolation, 150 CWP



PART NUMBER	SIZE
180-103MG-B-I	1/2"
180-104MG-B-I	3/4"

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valves
- Union Connection on Ball Valves
- Integrated Check Valve in Downstream Isolation Valve
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available



TB-130MG

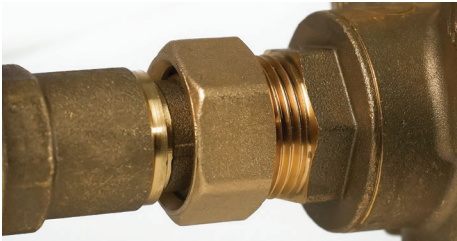
RecircSetter™ | Thermostatic Balancing, Variable Set Point, Dual Isolation, Thermal Disinfection, 150 CWP



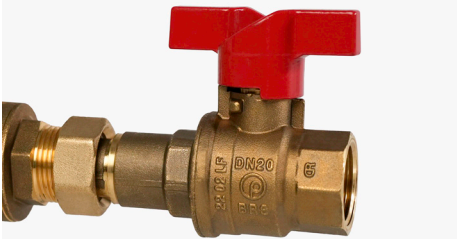
PART NUMBER	SIZE
180-103MG-D-I	1/2"
180-104MG-D-I	3/4"

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valves
- Union Connection on Ball Valves
- Integrated Check Valve in Downstream Isolation Valve
- Thermal Disinfection Bypass (160°F)
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available





INTEGRATED CHECK VALVE



DUAL ISOLATION ASSEMBLY



HANDWHEEL WITH PRESET TEMPERATURE

TB-150MG



TB-150MG

RecircSetter™ | Thermostatic Balancing, Variable Set Point, Dual Isolation, Actuated Thermal Disinfection, 150 CWP

PART NUMBER	SIZE
180-103MG-A-I	1/2"
180-104MG-A-I	3/4"

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valves
- Union Connection on Ball Valves
- Integrated Check Valve in Downstream Isolation Valve
- Actuated Thermal Disinfection for use with BMS
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Accessories Available





TB-120MFG

RecircSetter™ | Thermostatic Balancing Valve, Variable Set Point, Dual Isolation, Integrated Filter Ball® Strainer, 150 CWP



PART NUMBER	SIZE
180-103MFG-B-I	1/2"
180-104MFG-B-I	3/4"

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valve and Filter Ball® Strainer
- Union Connection on Ball Valve
- Integrated Check Valve in Downstream Isolation Valve
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less Than .25% Lead Content
- Accessories Available



TB-130MFG

RecircSetter™ | Thermostatic Balancing Valve, Variable Set Point, Dual Isolation, Integrated Filter Ball® Strainer, Thermal Disinfection, 150 CWP



PART NUMBER	SIZE
180-103MFG-D-I	1/2"
180-104MFG-D-I	3/4"

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valve and Filter Ball® Strainer
- Union Connection on Ball Valve
- Integrated Check Valve in Downstream Isolation Valve
- Thermal Disinfection Bypass (160°F)
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less Than .25% Lead Content
- Accessories Available



**TB-150MFG**

RecircSetter™ | Thermostatic Balancing Valve, Variable Set Point, Dual Isolation,
Integrated Filter Ball® Strainer, Actuated Thermal Disinfection, 150 CWP



PART NUMBER	SIZE
180-103MFG-A-I	1/2"
180-104MFG-A-I	3/4"

- Dezincification Resistant Brass Alloy
- Variable Temperature Set Point with Protective Cap
- Modulates Flow to Maintain Constant Temperature in Recirculation Loop
- No Balancing Equipment Required
- Drywell with Temperature Gauge Included
- 1/2" NPT Temperature Port (Factory Plugged)
- Equipped with Dual Isolation Ball Valve and Filter Ball® Strainer
- Union Connection on Ball Valve
- Integrated Check Valve in Downstream Isolation Valve
- Actuated Thermal Disinfection for use with BMS
- 100% Made in Italy
- NSF 61 & NSF 372 Certified
- Wetted Surfaces Contain Less Than .25% Lead Content
- Accessories Available





Tail Piece Check Valve

RecircSetter™ | Fits any Model, Installed on Downstream

PART NUMBER	SIZE
180-503G	1/2"
180-504G	3/4"



CERTIFIED LEAD FREE



Union Ball Valve

RecircSetter™ | Fits any MG/MFG Model, For Dual Isolation

PART NUMBER	SIZE
180-703G	1/2"
180-704G	3/4"
WITH INTEGRATED CHECK VALVE	
180-713G	1/2"
180-714G	3/4"



CERTIFIED LEAD FREE



Filter Ball® Strainer

RecircSetter™ | Fits any MFG Model, Integrated 3-Way Strainer

PART NUMBER	SIZE
180-723G	1/2"
180-724G	3/4"



CERTIFIED LEAD FREE



N.C. Thermoelectric Actuator 24V

RecircSetter™ | Fits any TB-150G/MG/MFG Model, Equipped with Limit Micro Switch and VA64 Ring Nut

PART NUMBER
180-893



Thermowell and Probe

RecircSetter™ | Fits any TB-150G/MG/MFG Model

PART NUMBER
180-TPW



Double Scale Thermometer

RecircSetter™ | Fits any Model, 32°F - 176°F

PART NUMBER
899-180



**TBG - FNPT**

Terminator B | Manual Balancing Valve, Quarter-Turn, Fixed Orifice, Threaded Connection, Union End, Integrated Ball Valve, Memory Stop, PT Ports, 600 WOG

PART NUMBER	SIZE
TBG-AFF	1/2"
TBG-BFF	3/4"

- Dezincification Resistant Brass Alloy
- +/- 2% Accuracy
- Positive Shut-Off
- Triple Sealing Stem with 2 FKM O-Rings and Teflon Seal
- Blow-Out Proof Stem
- Patented Removable Venturi
- Two Pressure Test Ports
- Additional Accessory Tap
- 100% Leak Tested
- 100% Made in Italy
- NSF 61-8 & NSF 372 Certified
- Wetted Surfaces Contain Less than .25% Lead Content
- Leakproof Stem - Lifetime Warranty



CERTIFIED LEAD FREE

**TGG - FNPT**

Terminator G | Manual Balancing Valve, Multi-Turn Globe Valve, Y-Pattern, Variable Orifice, Threaded Connection, Memory Stop, PT Ports, 300 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
TGG-AFF	1/2"	15	24
TGG-BFF	3/4"	15	24
TGG-CFF	1"	16	31
TGG-DFE	1-1/4"	15	24
TGG-EFF	1-1/2"	15	24
TGG-FFF	2"	15	24

- Dezincification Resistant Brass Alloy
- +/- 5% Accuracy
- Positive Shut-Off
- Two Pressure Test Ports
- Multi-Turn, 360° Handwheel with Vernier Scale and Digital Readouts
- Precise Flow Measurement and Flow Balancing
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content
- Lead Free Compliant to NSF 372



LEAD FREE

**TGG - SWT**

Terminator G | Manual Balancing Valve, Multi-Turn Globe Valve, Y-Pattern, Variable Orifice, Solder Connection, Memory Stop, PT Ports, 300 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
TGG-ACC	1/2"	15	24
TGG-BCC	3/4"	15	24
TGG-CCC	1"	15	24
TGG-DCC	1-1/4"	12	26
TGG-ECC	1-1/2"	15	24
TGG-FCC	2"	15	24

- Dezincification Resistant Brass Alloy
- +/- 5% Accuracy
- Positive Shut-Off
- Two Pressure Test Ports
- Multi-Turn, 360° Handwheel with Vernier Scale and Digital Readouts
- Precise Flow Measurement and Flow Balancing
- 100% Leak Tested
- Lead Free Compliant to NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



LEAD FREE



TAF

Automatic Balancing Valve, Threaded Connection, Union End, Flow Limiter, PT Ports, 600 WOG

PART NUMBER	SIZE
TAF-AFF	1/2"
TAF-BFF	3/4"
TAF-CFF	1"

- Dezincification Resistant Brass Alloy
- +/-5% Accuracy
- Two Pressure Test Ports
- Stainless Steel Cartridge
- Design Flow Rate of 0.5 GPM; Other Flow Rates Available Upon Request
- Single Reduction Available Upon Request
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content

LEAD FREE



TRAA-BFF-Q

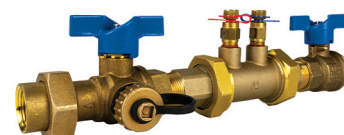
Automatic Balancing Valve, Fixed Venturi, Threaded Connection with Drain, Memory Stop, 400 WOG

PART NUMBER	SIZE
TRAA-BFF-Q	3/4"

- Dezincification Resistant Brass Alloy
- Cartridge Type Balancing Valve
- Equipped with Isolation Valve with Integrated Drain, and Inline Check Valve
- Patented Ball in Drain for Quarter-Turn Draining
- Design Flow Rate is 0.5 GPM; Other Flow Rates Available Upon Request
- 100% Pressure Tested
- 100% Made in Italy
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



TRAB-BFF-Q

Manual Balancing Valve, Fixed Venturi, Threaded Connection with Drain, 600 WOG

PART NUMBER	SIZE
TRAB-BFF-Q	3/4"

- Dezincification Resistant Brass Alloy
- Venturi Type Balancing Valve
- Equipped with Isolation Valve with Integrated Drain, and Inline Check Valve
- Patented Ball in Drain Quarter-Turn Draining
- Design Flow Rate is 0.4 – 2 GPM; Other Flow Rates Available Upon Request
- 100% Pressure Tested
- 100% Made in Italy
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE

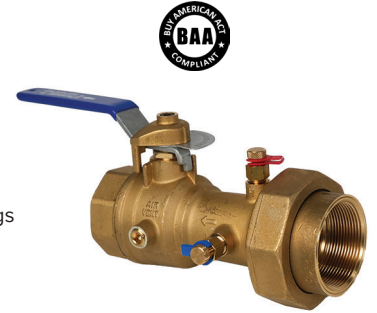


**TB - FNPT**

Terminator B | Manual Balancing Valve, Quarter-Turn, Fixed Orifice, Threaded Connection, Union End, Integrated Ball Valve, Memory Stop, PT Ports, 600 WOG

PART NUMBER	SIZE
TB-AFF	1/2"
TB-BFF	3/4"
TB-CFF	1"
TB-DFF	1-1/4"
TB-EFF	1-1/2"
TB-FFF	2"

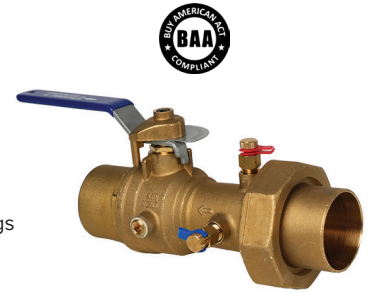
- +/- 2% Accuracy
- Positive Shut-Off
- Triple Sealing Stem with 2 Viton® O-Rings and Teflon Seal
- Blow-Out Proof Stem
- Patented Removable Venturi
- Two Pressure Test Ports
- Additional Accessory Tap
- Location Tag Available Upon Request
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty

**TB - SWT**

Terminator B | Manual Balancing Valve, Quarter-Turn, Fixed Orifice, Solder Connection, Union End, Integrated Ball Valve, Memory Stop, PT Ports, 600 WOG

PART NUMBER	SIZE
TB-ACC	1/2"
TB-BCC	3/4"
TB-CCC	1"
TB-DCC	1-1/4"
TB-ECC	1-1/2"
TB-FCC	2"

- +/- 2% Accuracy
- Positive Shut-Off
- Triple Sealing Stem with 2 Viton® O-Rings and Teflon Seal
- Blow-Out Proof Stem
- Patented Removable Venturi
- Two Pressure Test Ports
- Additional Accessory Tap
- Location Tag Available Upon Request
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty

**TG - FNPT**

Terminator G | Manual Balancing Valve, Multi-Turn Globe Valve, Y-Pattern, Variable Orifice, Threaded Connection, Memory Stop, PT Ports, 300 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
TG-AFF	1/2"	15	24
TG-BFF	3/4"	15	24
TG-CFF	1"	16	31
TG-DFF	1-1/4"	15	24
TG-EFF	1-1/2"	15	24
TG-FFF	2"	15	24

- +/- 5% Accuracy
- Positive Shut-Off
- Integral Metering Orifice Plate
- Two Pressure Test Ports
- Multi-Turn, 360° Handwheel with Vernier Scale and Digital Readouts
- Precise Flow Measurement and Flow Balancing
- 100% Leak Tested
- Conforms to BS 7350





TG - SWT

Terminator G | Manual Balancing Valve, Multi-Turn Globe Valve, Y-Pattern, Variable Orifice, Solder Connection, Memory Stop, PT Ports, 300 WOG

PART NUMBER	SIZE	CARTON	WEIGHT
TG-ACC	1/2"	15	24
TG-BCC	3/4"	15	24
TG-CCC	1"	15	24
TG-DCC	1-1/4"	12	26
TG-ECC	1-1/2"	15	24
TG-FCC	2"	15	24

- +/- 5% Accuracy
- Positive Shut-Off
- Integral Metering Orifice Plate
- Two Pressure Test Ports
- Multi-Turn, 360° Handwheel with Vernier Scale and Digital Readouts
- Precise Flow Measurement and Flow Balancing
- 100% Leak Tested
- Conforms to BS 7350



TG - Flanged

Terminator G | Manual Balancing Valve, Multi-Turn Globe Valve, Y-Pattern, Variable Orifice, Flanged Connection, Memory Stop, PT Ports, 230 WOG

PART NUMBER	SIZE
TG-GFF	2-1/2"
TG-HFF	3"
TG-IFF	4"
TG-KFF	6"
TG-LFF	8"
TG-MFF	10"
TG-NFF	12"

- +/- 5% Accuracy
- Positive Shut-Off
- Two Pressure Test Ports
- Precise Flow Management and Flow Balancing
- ANSI Class 150
- EN-558-1 Series 1
- Flange: ANSI B16.5
- Face-to-Face: DIN 3202-1/F1
- Conforms to BS 7350



TG - Grooved

Terminator G | Manual Balancing Valve, Multi-Turn Globe Valve, Y-Pattern, Variable Orifice, Grooved Connection, Memory Stop, PT Ports, 230 WOG

PART NUMBER	SIZE
TG-GGG	2-1/2"
TG-HGG	3"
TG-IGG	4"
TG-KGG	6"
TG-LGG	8"
TG-MGG	10"
TG-NGG	12"

- +/- 5% Accuracy
- Positive Shut-Off
- Two Pressure Test Ports
- Multi-Turn, 360° Handwheel with Vernier Scale and Digital Readouts
- Precise Flow Measurement and Flow Balancing





BUTTERFLY VALVES



BFV-Lug

Lug Style, Epoxy-Coated Ductile Iron Body, Stainless Steel Disc

PART NUMBER	SIZE	WEIGHT
600-02DS_L	2"	9.7
600-212DS_L	2-1/2"	11.02
600-03DS_L	3"	12.13
600-04DS_L	4"	18.3
600-05DS_L	5"	24.14
600-06DS_L	6"	26.14
600-08DS_B	8"	41.6
600-10DS_G	10"	77.16
600-12DS_G	12"	111.55
600-14DS_G	14"	154.32
600-16DS_G	16"	264.55
600-18DS_G	18"	326.28
600-20DS_G	20"	473.99
600-24DS_G	24"	650.36
600-30DS_G	30"	939.17
600-36DS_G	36"	1604.96

SEAT MATERIAL MUST BE INDICATED IN PART NUMBER WHEN ORDERING: (E) NSF EPDM, (B) BUNA-N, (P) PTFE, (V) VITON®, (C) NON-NSF EPDM

2" - 6" INCLUDE (L) LEVER HANDLE; 8" INCLUDES (B) BARE STEM WITH OPERATOR SOLD SEPARATELY; 10" - 36" INCLUDE (G) GEAR OPERATOR.

- Epoxy-Coated Finish
- NSF EPDM, PTFE, Buna-N, Viton®, or non-NSF EPDM Seats Available
- Square Stem for Direct Mount
- Ideal for Mounting Pneumatic and Electrical Actuators
- Easily Accepts Actuator with ISO 5211 Mounting Flange
- Seat-to-Flange Seal Eliminates Need for Flange Gaskets
- Designed for Commercial, Industrial and Potable Water Applications up to 225 PSI
- Bidirectional for Dead End Service
- NSF 61 & NSF 372 Certified: 2" - 24" (NSF EPDM Seat Only)
- Meets API 609 & MSS SP-67
- Wetted Surfaces Contain Less than .25% Lead Content



BFV-Wafer

Wafer Style, Epoxy-Coated Ductile Iron Body, Stainless Steel Disc

PART NUMBER	SIZE	WEIGHT
900-02DS_L	2"	7.71
900-212DS_L	2-1/2"	9.7
900-03DS_L	3"	10.36
900-04DS_L	4"	12.78
900-05DS_L	5"	17.2
900-06DS_L	6"	19.4
900-08DS_B	8"	33.22
900-10DS_G	10"	64.48
900-12DS_GV	12"	88.18
900-14DS_G	14"	116.84
900-16DS_G	16"	200.62
900-18DS_G	18"	220.46
900-20DS_G	20"	326.28
900-24DS_G	24"	518.09

SEAT MATERIAL MUST BE INDICATED IN PART NUMBER WHEN ORDERING: (E) EPDM, (B) BUNA-N, (P) PTFE, (V) VITON®.

2" - 6" INCLUDE (L) LEVER HANDLE; 8" INCLUDES (B) BARE STEM WITH OPERATOR SOLD SEPARATELY; 10" - 24" INCLUDE (G) GEAR OPERATOR.

- Epoxy-Coated Finish
- EPDM, PTFE, Buna-N, or Viton® Seats Available
- Square Stem for Direct Mount
- Ideal for Mounting Pneumatic and Electrical Actuators
- Easily Accepts Actuator with ISO 5211 Mounting Flange
- Seat-to-Flange Seal Eliminates Need for Flange Gaskets
- Designed for Commercial, Industrial and Potable Water Applications up to 225 PSI
- NSF 61 & NSF 372 Certified: 2" - 24" (EPDM Seat Only)
- Meets API 609 & MSS SP-67
- Wetted Surfaces Contain Less than .25% Lead Content





Lever Handle

Fits Resilient Seated Butterfly Valves, Ten Position, Lockable

PART NUMBER	SIZE
BLH2-3	2" - 3"
BLH4	4"
BLH5-6	5", 6"
BLH8	8"

- Ships Standard with BFV Sizes 2" - 6"
- Can be Equipped to any BFV



Gear Operator

Fits Resilient Seated Butterfly Valves

PART NUMBER	SIZE
BGO2-3	2" - 3"
BGO4	4"
BGO5-6	5" - 6"
BGO8	8"
BGO10	10"
BGO12-14	12" - 14"
BGO16-18	16" - 18"
BGO20	20"
BGO24	24"
BGO30	30"
BGO36	36"

- Ships Standard with BFV Sizes 10" - 36"
- Can be Equipped to any BFV





HPBFV Carbon Steel Class 150

Lug Style, Carbon Steel Body, Stainless Steel Disc and Stem,
Lever Handle or Gear Operator, ANSI Class 150

PART NUMBER	SIZE	WEIGHT
600-02H1CS_L	2"	10.80
600-212H1CS_L	2-1/2"	12.80
600-03H1CS_L	3"	14.10
600-04H1CS_L	4"	21.80
600-05H1CS_L	5"	27.10
600-06H1CS_L	6"	34.80
600-02H1CS_G	2"	17.00
600-212H1CS_G	2-1/2"	19.00
600-03H1CS_G	3"	20.40
600-04H1CS_G	4"	28.00
600-05H1CS_G	5"	33.30
600-06H1CS_G	6"	51.10
600-08H1CS_G	8"	62.70
600-10H1CS_G	10"	90.30
600-12H1CS_G	12"	135.50
600-14H1CSRG	14"	-
600-16H1CSRG	16"	-
600-18H1CSRG	18"	-
600-20H1CSRG	20"	-
600-24H1CSRG	24"	-

SEAT MATERIAL MUST BE INDICATED IN PART NUMBER WHEN ORDERING: (R) RPTFE; (F) FIRE SAFE; (M) METAL.

2" - 6" INCLUDE (L) LEVER HANDLE; 8" - 24" INCLUDE (G) GEAR OPERATOR.

- Corrosion Resistant One-Piece Body
- RPTFE, Fire-Safe, or Metal Seats Available
- Bubble-Tight Shut-Off Design
- Durable One-Piece Stem
 - A564 Gr.630/17-4 PH® Materials
- ISO 5211 Mounting Pad
 - 2" - 12" = *Square Design*
 - 14" - 24" = *Keyed Design*
- Dual Offset Disc Design
- Internal Stop to Prevent Disc Over-Travel
- Tight Gland Packing Flange to Prevent Uneven Load Distribution
- Bidirectional for Dead End Service
- 29 in-Hg Vacuum Rating



HPBFV Stainless Steel Class 150

Lug Style, Stainless Steel Body, Stainless Steel Disc and Stem,
Lever Handle or Gear Operator, ANSI Class 150

PART NUMBER	SIZE	WEIGHT
600-02H1SS_L	2"	10.80
600-212H1SS_L	2-1/2"	12.80
600-03H1SS_L	3"	14.10
600-04H1SS_L	4"	21.80
600-05H1SS_L	5"	27.10
600-06H1SS_L	6"	34.80
600-02H1SS_G	2"	17.00
600-212H1SS_G	2-1/2"	19.00
600-03H1SS_G	3"	20.40
600-04H1SS_G	4"	28.00
600-05H1SS_G	5"	33.30
600-06H1SS_G	6"	51.10
600-08H1SS_G	8"	62.70
600-10H1SS_G	10"	90.30
600-12H1SS_G	12"	135.50
600-14H1SSRG	14"	-
600-16H1SSRG	16"	-
600-18H1SSRG	18"	-
600-20H1SSRG	20"	-
600-24H1SSRG	24"	-

SEAT MATERIAL MUST BE INDICATED IN PART NUMBER WHEN ORDERING: (R) RPTFE; (F) FIRE SAFE; (M) METAL.

2" - 6" INCLUDE (L) LEVER HANDLE; 8" - 24" INCLUDE (G) GEAR OPERATOR.

- Corrosion Resistant One-Piece Body
- RPTFE, Fire-Safe, or Metal Seats Available
- Bubble-Tight Shut-Off Design
- Durable One-Piece Stem
 - A564 Gr.630/17-4 PH® Materials
- ISO 5211 Mounting Pad
 - 2" - 12" = *Square Design*
 - 14" - 24" = *Keyed Design*
- Dual Offset Disc Design
- Internal Stop to Prevent Disc Over-Travel
- Tight Gland Packing Flange to Prevent Uneven Load Distribution
- NSF 61 & NSF 372 Certified
- Bidirectional for Dead End Service
- 29 in-Hg Vacuum Rating



HPBFV CARBON STEEL CLASS 300



ISO 5211 MOUNTING PIECE



DURABLE ONE PIECE STEM



DOUBLE OFFSET DISC DESIGN



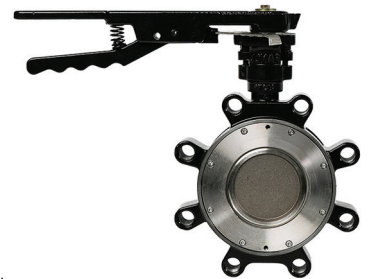
HPBFV Carbon Steel Class 300

Lug Style, Carbon Steel Body, Stainless Steel Disc and Stem, Lever Handle or Gear Operator, ANSI Class 300

PART NUMBER	SIZE	WEIGHT
600-02H3CSRL	2"	10.6
600-212H3CSRL	2-1/2"	15.7
600-03H3CSRL	3"	16.1
600-04H3CSRL	4"	21.8
600-02H3CSRG	2"	15.2
600-0212H3CSRG	2-1/2"	19.8
600-03H3CSRG	3"	22.5
600-04H3CSRG	4"	28.0
600-05H3CSRG	5"	36.2
600-06H3CSRG	6"	57.5
600-08H3CSRG	8"	80.0
600-10H3CSRG	10"	109.6
600-12H3CSRG	12"	182.1

2" - 4" INCLUDE (L) LEVER HANDLE; 8" - 12" INCLUDE (G) GEAR OPERATOR.

- Corrosion Resistant One-Piece Body
- RPTFE Seat
- Bubble-Tight Shut-Off Design
- Durable One-Piece Stem
 - A564 Gr.630/17-4 PH® Materials
- ISO 5211 Mounting Pad
 - 2" - 12" = Square Design
- Dual Offset Disc Design
- Internal Stop to Prevent Disc Over-Travel
- Tight Gland Packing Flange to Prevent Uneven Load Distribution
- Bidirectional for Dead End Service
- 29 in-Hg Vacuum Rating





HPBFV Stainless Steel Class 300

Lug Style, Stainless Steel Body, Stainless Steel Disc and Stem, Lever Handle or Gear Operator, ANSI Class 300

PART NUMBER	SIZE	WEIGHT
600-02H3SSRL	2"	10.6
600-212H3SSRL	2-1/2"	15.7
600-03H3SSRL	3"	16.1
600-04H3SSRL	4"	21.8
600-02H3SSRG	2"	10.6
600-212H3SSRG	2-1/2"	15.7
600-03H3SSRG	3"	16.1
600-04H3SSRG	4"	21.8
600-05H3SSRG	5"	36.2
600-06H3SSRG	6"	57.5
600-08H3SSRG	8"	80.0
600-10H3SSRG	10"	109.6
600-12H3SSRG	12"	182.1

2" - 4" INCLUDE (L) LEVER HANDLE; 8" - 12" INCLUDE (G) GEAR OPERATOR.

- Corrosion Resistant One-Piece Body
- RPTFE Seat
- Bubble-Tight Shut-Off Design
- Durable One-Piece Stem
 - A564 Gr.630/17-4 PH® Materials
- ISO 5211 Mounting Pad
 - 2" - 12" = Square Design
- Dual Offset Disc Design
- Internal Stop to Prevent Disc Over-Travel
- Tight Gland Packing Flange to Prevent Uneven Load Distribution
- NSF 61 & NSF 372 Certified
- Bidirectional for Dead End Service
- 29 in-Hg Vacuum Rating

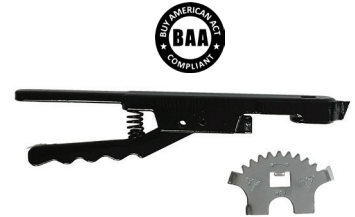


HPBFV Lever Handle

Fits High Performance Butterfly Valves, Ten Position, Lockable

PART NUMBER	SIZE
HPBFV CLASS 150	
HPLH2	2"
HPLH2.5-5	2-1/2", 3", 4", 5"
HPLH6	6"
HPBFV CLASS 300	
HPLH2	2"
HPLH2.5-5	2-1/2", 3", 4"

- Ships Standard with HPBFV Sizes 2"-4"
- Can be Equipped to any HPBFV
- Ergonomic Grip Design

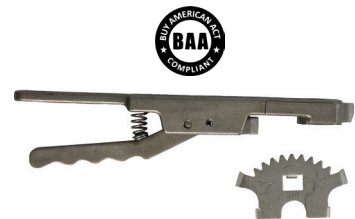


HPBFV Lever Handle

Fits High Performance Butterfly Valves, Stainless Steel, Ten Position, Lockable

PART NUMBER	SIZE
HPBFV CLASS 150	
HPLH2SS	2"
HPLH2.5-5SS	2-1/2", 3", 4", 5"
HPLH6SS	6"
HPBFV CLASS 300	
HPLH2SS	2"
HPLH2.5-5SS	2-1/2", 3", 4"

- Can be Equipped to any HPBFV
- Ergonomic Grip Design





HPBFV Gear Operator
Fits High Performance Butterfly Valves

PART NUMBER	SIZE
HPBFV CLASS 150	
HPBGO2	2"
HPLH2.5-5	2.5" - 5"
HPBGO6-8	6" - 8"
HPBGO10	10"
HPBGO12	12"
HPBGO14	14"
HPBGO16	16"
HPBFV CLASS 300	
HPBGO2	2"
HPBGO2.5-5	2.5" - 5"
HPBGO6-8	6"
HPBGO10	8" - 10"
HPBGO12	12"

- Ships Standard with HPBFV Sizes 8" - 12"
- Can be Equipped to any HPBFV





T-351G

Rising Stem, Solid Wedge, Threaded Connection, 300 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-353G	1/2"	6	84	30
103-354G	3/4"	5	50	26
103-355G	1"	5	40	32
103-356G	1-1/4"	4	32	35
103-357G	1-1/2"	4	16	24
103-358G	2"	3	12	29

- Dezincification Resistant Bronze
- Solid Wedge Gate with Rising Stem
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED
LEAD FREE

NSF/ANSI/CAN 61 & 372



S-351G

Rising Stem, Solid Wedge, Solder Connection, 300 CWP

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-453G	1/2"	6	84	27
103-454G	3/4"	5	50	24
103-455G	1"	5	40	30
103-456G	1-1/4"	4	32	33
103-457G	1-1/2"	4	16	23
103-458G	2"	3	12	28

- Dezincification Resistant Bronze
- Solid Wedge Gate with Rising Stem
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED
LEAD FREE

NSF/ANSI/CAN 61 & 372





T-301G

Non-Rising Stem, Solid Wedge, Threaded Connection, 200 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-303G	1/2"	120	10	72
103-304G	3/4"	90	10	77
103-305G	1"	40	5	48
103-306G	1-1/4"	40	5	74
103-307G	1-1/2"	32	4	72
103-308G	2"	20	2	57

- Dezincification Resistant Brass Alloy
- Solid Wedge Gate with Non-Rising Stem
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



S-301G

Non-Rising Stem, Solid Wedge, Solder Connection, 200 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-403G	1/2"	120	10	72
103-404G	3/4"	90	10	77
103-405G	1"	40	5	48
103-406G	1-1/4"	40	5	74
103-407G	1-1/2"	32	4	72
103-408G	2"	20	2	68

- Dezincification Resistant Brass Alloy
- Solid Wedge Gate with Non-Rising Stem
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



**T-301**

Non-Rising Stem, Solid Wedge, Threaded Connection, 200 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-301	1/4"	120	10	58
103-302	3/8"	120	10	68
103-303	1/2"	120	10	48
103-304	3/4"	90	10	77
103-305	1"	60	5	48
103-306	1-1/4"	40	5	74
103-307	1-1/2"	32	4	54
103-308	2"	20	2	54
103-309	2-1/2"	12	2	88
103-310	3"	8	1	81
103-311	4"	2	1	27

- Solid Wedge Gate with Non-Rising Stem
- Residential and Commercial Applications

**S-301**

Non-Rising Stem, Solid Wedge, Solder Connection, 200 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-403	1/2"	120	10	72
103-404	3/4"	90	10	77
103-405	1"	60	5	72
103-406	1-1/4"	40	5	74
103-407	1-1/2"	32	4	72
103-408	2"	20	2	68
103-409	2-1/2"	12	2	88
103-410	3"	8	1	81

- Solid Wedge Gate with Non-Rising Stem
- Residential and Commercial Applications



**F-351**

Non-Rising Stem, Solid Wedge, Bolted Bonnet, Class 125

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-525	2-1/2"	1	1	44
103-503	3"	1	1	55
103-504	4"	1	1	99
103-506	6"	1	1	183
103-508	8"	1	1	249

- Solid Wedge with Non-Rising Stem
- Handwheel Operated
- Bonnet & Disc
- Lead Free Bronze Seat Ring
- Pressure Rating: Class 125
- Conforms to MSS SP-70
- Flange: ASME B16.1
- Face-to-Face: ANSI/ASME B16.10
- Lead Free Compliant

LEAD FREE

**F-361**

Rising Stem, Solid Wedge, Bolted Bonnet, OS&Y, Class 125

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
103-625	2-1/2"	1	1	48
103-603	3"	1	1	59
103-604	4"	1	1	105
103-606	6"	1	1	194
103-608	8"	1	1	272
103-610	10"	1	1	438
103-612	12"	1	1	608

- Solid Wedge with Rising Stem
- Handwheel Operated
- Bonnet & Disc
- Lead Free Bronze Seat Ring
- Pressure Rating: Class 125
- Conforms to MSS SP-70
- Flange: ASME B16.1
- Face-to-Face: ANSI/ASME B16.10
- Lead Free Compliant

LEAD FREE





T-511G

Swing, Y-Pattern, Threaded Connection, 300 WOG, Class 150



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-303G	1/2"	60	10	34
105-304G	3/4"	40	10	36
105-305G	1"	30	10	40
105-306G	1-1/4"	20	5	39
105-307G	1-1/2"	16	4	41
105-308G	2"	8	2	32

- Dezincification Resistant Bronze
- Can be Installed in Vertical or Horizontal Positions
- Residential and Commercial Applications
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



S-511G

Swing, Y-Pattern, Solder Connection, 300 WOG, Class 150



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-403G	1/2"	60	10	31
105-404G	3/4"	40	10	36
105-405G	1"	30	10	41
105-406G	1-1/4"	20	5	41
105-407G	1-1/2"	16	4	41
105-408G	2"	8	2	34

- Dezincification Resistant Bronze
- Can be Installed in Vertical or Horizontal Positions
- Residential and Commercial Applications
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content





T-521G

Inline, Threaded Connection, 300 WOG, Class 150

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-603G	1/2"	100	25	33
105-604G	3/4"	128	16	52
105-605G	1"	96	12	62
105-606G	1-1/4"	36	9	39
105-607G	1-1/2"	32	8	38
105-608G	2"	16	4	36

- Dezincification Resistant Brass Alloy
- Forged Lead Free Brass Body
- Can be Installed in Vertical or Horizontal Positions
- Bubble-Tight Teflon Seal
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



S-521G

Inline, Solder Connection, 300 WOG, Class 150

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-613G	1/2"	100	25	33
105-614G	3/4"	128	16	54
105-615G	1"	96	12	60
105-616G	1-1/4"	48	6	52
105-617G	1-1/2"	32	4	40
105-618G	2"	16	2	42

- Dezincification Resistant Brass Alloy
- Forged Lead Free Brass Body
- Can be Installed in Vertical or Horizontal Positions
- Bubble-Tight Teflon Seal
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



P-521G

Inline, Press Connection, 300 WOG, Class 150

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-623G	1/2"	120	20	35
105-624G	3/4"	96	8	42
105-625G	1"	68	17	36
105-626G	1-1/4"	32	4	31
105-627G	1-1/2"	24	3	38
105-628G	2"	18	3	40

- Dezincification Resistant Brass Alloy
- Forged Lead Free Brass Body
- Can be Installed in Vertical or Horizontal Positions
- Bubble-Tight Teflon Seal
- IAPMO Certified - NSF 61 & NSF 372
- ASME B16.51
- Wetted Surfaces Contain Less than .25% Lead Content



E-521G

Inline, Expansion Pex Connection, 300 WOG, Class 150

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-633G	1/2"	80	20	33
105-634G	3/4"	80	20	33
105-635G	1"	72	18	33

- Dezincification Resistant Brass Alloy
- Forged Lead Free Brass Body
- Can be Installed in Vertical or Horizontal Positions
- Bubble-Tight Teflon Seal
- IAPMO Certified - NSF 61 & NSF 372
- ASTM F1960
- Wetted Surfaces Contain Less than .25% Lead Content





T-501G

Horizontal Swing, Threaded Connection, 200 WOG, Class 125



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-103G	1/2"	120	10	54
105-104G	3/4"	100	10	47
105-105G	1"	72	6	60
105-106G	1-1/4"	60	5	59
105-107G	1-1/2"	32	4	54
105-108G	2"	20	2	55
105-109G	2-1/2"	12	2	58
105-110G	3"	6	1	43
105-111G	4"	4	1	43

- Dezincification Resistant Brass Alloy
- Residential and Commercial Applications
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



S-501G

Horizontal Swing, Solder Connection, 200 WOG, Class 125



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-203G	1/2"	120	10	48
105-204G	3/4"	100	10	60
105-205G	1"	72	6	63
105-206G	1-1/4"	40	5	59
105-207G	1-1/2"	32	4	57
105-208G	2"	24	2	70
105-209G	2-1/2"	10	1	48
105-210G	3"	8	1	54

- Dezincification Resistant Brass Alloy
- Residential and Commercial Applications
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



P-501G

Horizontal Swing, Press Connection, 200 WOG, Class 125



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-003G	1/2"	160	10	68
105-004G	3/4"	120	10	77
105-005G	1"	60	5	51
105-006G	1-1/4"	40	5	45
105-007G	1-1/2"	30	5	53
105-008G	2"	24	2	62

- Dezincification Resistant Brass Alloy
- Residential and Commercial Applications
- One-Piece Body Design
- Heavy Pattern Cast Brass Construction
- EPDM O-Ring Seal
- Metal-to-Metal Disc Seal
- Truesdail Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content





T-511

Swing, Y-Pattern, Threaded Connection, 300 WOG, Class 150

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-303	1/2"	60	10	62
105-304	3/4"	40	10	37
105-305	1"	30	10	40
105-306	1-1/4"	20	5	39
105-307	1-1/2"	16	4	43
105-308	2"	8	2	33
105-309	2-1/2"	6	1	55
105-310	3"	4	1	49

- Can be Installed in Vertical or Horizontal Positions
- Residential and Commercial Applications
- Buy American Act Compliant: 2-1/2" - 3"



S-511

Swing, Y-Pattern, Solder Connection, 300 WOG, Class 150

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-403	1/2"	60	10	36
105-404	3/4"	40	10	35
105-405	1"	30	10	38
105-406	1-1/4"	20	5	44
105-407	1-1/2"	16	4	43
105-408	2"	8	2	34
105-409	2-1/2"	6	1	49
105-410	3"	4	1	47

- Can be Installed in Vertical or Horizontal Positions
- Residential and Commercial Applications
- Buy American Act Compliant: 2-1/2" - 3"



**T-501**

Horizontal Swing, Threaded Connection, 200 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-103	1/2"	120	10	53
105-104	3/4"	100	10	59
105-105	1"	72	6	60
105-106	1-1/4"	40	5	59
105-107	1-1/2"	32	4	54
105-108	2"	24	2	56
105-109	2-1/2"	12	2	57
105-110	3"	6	1	42
105-111	4"	4	1	44

- Residential and Commercial Applications

**S-501**

Horizontal Swing, Solder Connection, 200 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-203	1/2"	120	15	47
105-204	3/4"	100	10	57
105-205	1"	72	6	59
105-206	1-1/4"	32	5	52
105-207	1-1/2"	32	4	54
105-208	2"	20	2	58

- Residential and Commercial Applications

**T-550**

Stainless Steel, Swing, Threaded Connection, 200 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-803	1/2"	66	1	71
105-804	3/4"	48	1	1
105-805	1"	30	1	1
105-806	1-1/4"	24	1	2
105-807	1-1/2"	14	1	3
105-808	2"	4	1	5

- One-Piece Body Design
- Heavy Pattern Body
- PTFE O-Ring Seal
- Metal-to-Metal Disc Seal





F-571

Horizontal Swing, Bolted Bonnet, Class 125

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-725	2-1/2"	1	1	24
105-703	3"	1	1	44
105-704	4"	1	1	78
105-706	6"	1	1	152
105-708	8"	1	1	259
105-710	10"	1	1	417
105-712	12"	1	1	615

- Bonnet & Disc
- Lead Free Bronze Seat Ring
- Pressure Rating: Class 125
- Conforms to MSS SP-71
- Flange: ASME B16.1
- Face-to-Face: ANSI/ASME B16.10
- Lead Free Compliant

✓ LEAD FREE



F-591

Wafer Style, Double Door, Aluminum Bronze Disc, Class 125

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-925	2-1/2"	1	1	5
105-903	3"	1	1	8
105-904	4"	1	1	9
105-906	6"	1	1	20
105-908	8"	1	1	33
105-910	10"	1	1	56
105-912	12"	1	1	90

- Aluminum Bronze Disc
- Stainless Steel Stem
- Pressure Rating: Class 125
- Lead Free Compliant

✓ LEAD FREE



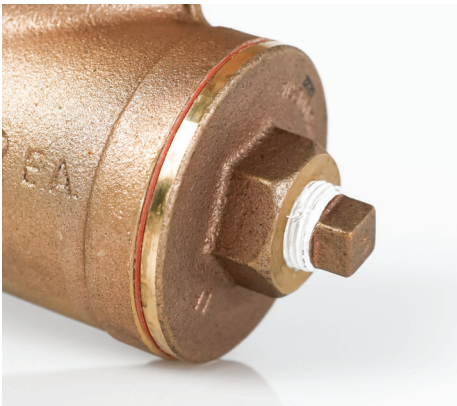
F-592

Ductile Iron, Wafer Style, Dual-Plate, Stainless Steel Disc, Class 125

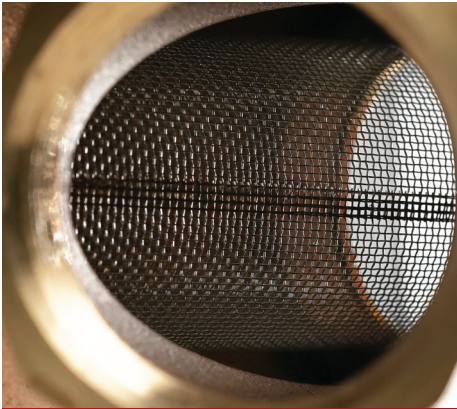
PART NUMBER	SIZE	CASE	CARTON	WEIGHT
105-525	2-1/2"	1	1	5
105-503	3"	1	1	7
105-504	4"	1	1	9
105-506	6"	1	1	21
105-508	8"	1	1	39
105-510	10"	1	1	66
105-512	12"	1	1	97

- Stainless Steel Disc
- Two Torsion Springs Activate Each Set of Valve Plates
- Quick-Close Action Prevents the Medium Flowing Back
- Easy Installation onto Either Vertical or Horizontal Pipeline





FNPT PLUGGED CAP



304 STAINLESS STEEL MESH SCREEN

T-651G



T-651G

Y-Strainer, Threaded Connection, 20 Stainless Steel Mesh, 150 WOG



CERTIFIED
LEAD FREE

NSF/ANSI/CAN 61 & 372

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
106-303G	1/2"	48	12	34
106-304G	3/4"	32	8	39
106-305G	1"	16	8	30
106-306G	1-1/4"	12	6	34
106-307G	1-1/2"	12	2	44
106-308G	2"	8	2	48
106-309G	2-1/2"	4	1	40
106-310G	3"	4	1	30

- Dezincification Resistant Bronze
- Residential and Commercial Applications
- 1/2" - 3/4": 3/8" FNPT Plugged Cap
- 1" - 3": 1/2" FNPT Plugged Cap
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



S-651G

Y-Strainer, Solder Connection, 20 Stainless Steel Mesh, 150 WOG



CERTIFIED
LEAD FREE

NSF/ANSI/CAN 61 & 372

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
106-403G	1/2"	48	12	34
106-404G	3/4"	32	8	37
106-405G	1"	16	8	27
106-406G	1-1/4"	12	6	31
106-407G	1-1/2"	12	2	42
106-408G	2"	8	2	45

- Dezincification Resistant Bronze
- Residential and Commercial Applications
- 1/2" - 3/4" have 3/8" FNPT Plugged Cap
- 1" - 2" have 1/2" FNPT Plugged Cap
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content





F-651

Y-Strainer, Bolted Bonnet, Stainless Steel Screen, Class 125

LEAD FREE

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
106-625	2-1/2"	1	1	22
106-603	3"	1	1	28
106-604	4"	1	1	36
106-606	6"	1	1	73
106-608	8"	1	1	123
106-610	10"	1	1	291
106-612	12"	1	1	454

- Bolted Bonnet
- 1/4" NPT Test Plug Upstream and Downstream
- Flange: ASME B16.1





ACTUATION



AE Series

Electric Actuator, Double Acting, NEMA 4X, Manual Override



AE-180



AE-350



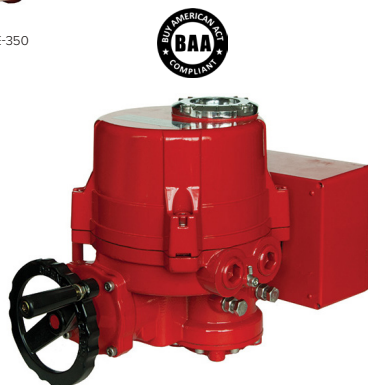
AE-700



AE-700M



AE-880



AE-880M



AE-1400/M-9700/M

PART NUMBER	TORQUE	VOLTAGE	CYCLE TIME
120VAC			
AE-180-120-12	180	120	12
AE-350	350	120	13
AE-700	700	120	14
AE-880	880	120	21
AE-1400	1400	120	26
AE-2100	2125	120	26
AE-3100	3098	120	31
AE-4400	4425	120	31
AE-7000	7080	120	39
AE-9700	9735	120	39
120VAC - MODULATING			
AE-700M	700	120	14
AE-880M	880	120	21
AE-1400M	1400	120	26
AE-2100M	2125	120	26
AE-3100M	3098	120	31
AE-4400M	4425	120	31
AE-7000M	7080	120	39
AE-9700M	9735	120	39

PART NUMBER	TORQUE	VOLTAGE	CYCLE TIME
24VAC			
AE-180-24VAC	180	24	12
AE-700-24VAC	700	24	14
AE-880-24VAC	880	24	26
AE-1400-24VAC	1400	24	26
AE-2100-24VAC	2125	24	26
AE-3100-24VAC	3098	24	31
AE-4400-24VAC	4425	24	31
AE-7000-24VAC	7080	24	39
AE-9700-24VAC	9735	24	39
24VDC			
AE-180-24VDC	180	24	12
AE-350-24VDC	350	24	12
AE-700-24VDC	700	24	12
AE-880-24VDC	880	24	18
AE-1400-24VDC	1400	24	33
AE-2100-24VDC	2125	24	33
AE-3100-24VDC	3098	24	37
AE-4400-24VDC	4425	24	34
AE-7000-24VDC	7080	24	39
AE-9700-24VDC	9735	24	39

- Hard Anodized Aluminum Housing with External Powder Coating for Severe Duty Applications
- 90° Operation
- Enclosure: IP67 (NEMA 4, 4X)
- ISO 5211 Mounting Pad
- Worm Gearing, No Brake Required
- Standard Manual Override
- Torque Switches for Overload Protection (not including AE-180)
- Squirrel Cage Induction Motor
- Duty Cycle: 50%
- 4 Limit Switches (AE-180: QTY 2)
- Cable Entries: 3/4" NPT / M20 x 1.5
- 5W Internal Heater (AE-350 and larger)
- Terminal Block for Wiring Ease
- Position Indicator
- Standard Adjustable Travel Stops
- Temperature Range:
 - AE-180: -22°F to 140°F
 - AE-350 and larger: -4°F to 158°F



CSA applies to models AE-880, AE-1400, AE-2100, AE-3100, AE-4400, AE-7000, AE-9700 only:

C22.2 No. 139-1982, 77-95, 100-04, UL429, UL2111, UL1004, 0-M91, 94.1-07, 94.2-07, 30-M1986, 25-1966, 1399-1982, 60529-05, 60079-0-07, 60079-1-07, ANSI/UL 429, 50E, 50, 1002, IEC 60529, 60079-0, 60079-1, and ANSI/UL 1203.



JV Series

Pneumatic Actuator, Rotary Rack, Pinion Design, Dual Travel Stops



DOUBLE ACTING/SPRING RETURN



WITH OPTIONAL SOLENOID VALVE

PART NUMBER	SQ	ISO	TORQUE			
	DOUBLE ACTING		40 PSI	60 PSI	80 PSI	100 PSI
JV-50-DA	0.43	F03/05	90	135	180	225
JV-60-DA	0.55	F05/07	183	274	365	457
JV-70-DA	0.55	F05/07	284	426	567	7099
JV-80-DA	0.67	F05/07	416	625	833	1041
JV-90-DA	0.67	F05/07	585	878	1170	1483
JV-100-DA	0.87	F07/10	785	1177	1589	1961
JV-120-DA	0.87	F07/10	1351	2026	2702	3377
JV-140-DA	1.06	F10/12	1695	2542	3389	4236
JV-160-DA	1.06	F10/12	2767	4150	5533	6917
JV-190-DA	1.42	F14	4552	6827	9103	11379
JV-200-DA	1.42	F14	5719	8579	11438	14298
JV-240-DA	1.81	F16	1132	15197	20263	25329
JV-270-DA	1.81	F16	12709	19064	25418	31773
JV-300-DA	1.81	F16	17832	26747	35663	44579
PART NUMBER	SQ	ISO	TORQUE (80 PSI, 11 SPRINGS)			
SPRING RETURN			AIR START		SPRING END	
JV-50-SR	0.43	F03/05	109		71	
JV-60-SR	0.55	F05/07	221		144	
JV-70-SR	0.55	F05/07	344		223	
JV-80-SR	0.67	F05/07	505		328	
JV-90-SR	0.67	F05/07	709		461	
JV-100-SR	0.87	F07/10	951		618	
JV-120-SR	0.87	F07/10	1638		1064	
JV-140-SR	1.06	F10/12	2054		1335	
JV-160-SR	1.06	F10/12	3354		2179	
JV-190-SR	1.42	F14	5518		2585	
JV-200-SR	1.42	F14	6934		4504	
JV-240-SR	1.81	F16	12284		7979	
JV-270-SR	1.81	F16	15409		10009	
JV-300-SR	1.81	F16	21620		14043	

- Hard Anodized Extruded Aluminum Body Construction with Internal/External Corrosion Protection
- Blow-Out Proof Output Shaft
- Manufactured to Fully Conform to ISO5211 and DIN3337
- Manufactured with Silicone-Free Lubricants
- Precision-Honed Cylinder Surfaces for Longer Life and Low Coefficient of Friction
- Dual Rack and Piston Design with Multiple Bearings and Guides
- Precisely Machined Pistons and Pinions
- O-Ring Sealed to Prevent Outside Contamination
- Stainless Steel Fasteners
- Namur Interface Mounting of Solenoid Valves, Limit Switches, Positioners
- Standard Travel Stops
- Torque Range:
 - Double Acting: Up to 388,762 in/lb
 - Spring Return: Up to 257,836 in/lb



A101

Lead Free Brass, 2 Piece, Full Port, Threaded Connection, Stainless Steel Trim, ISO Mounting Pad, 600 WOG



PART NUMBER	SIZE
A101-12	1/2"
A101-34	3/4"
A101-1	1"
A101-114	1-1/4"
A101-112	1-1/2"
A101-2	2"

- Dezincification Resistant Brass Alloy
- ISO 5211 Direct Mounting Pad
- Square Valve Stem for Direct Mounting to any ISO Actuator
- Latch Lock May be Locked in Open or Closed Position
- Blow-Out Proof Stem
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content



A-751T/L

Brass, 3-Way, Standard Port, T or L Port, Threaded Connection, ISO Mounting Pad, 400 WOG

PART NUMBER	PART NUMBER	SIZE
T-PORT	L-PORT	
A751T-14	A751L-14	1/4"
A751T-38	A751L-38	3/8"
A751T-12	A751L-12	1/2"
A751T-34	A751L-34	3/4"
A751T-1	A751L-1	1"
A751T-114	A751L-114	1-1/4"
A751T-112	A751L-112	1-1/2"
A751T-2	A751L-2	2"
A751T-212	A751L-212	2-1/2"
A751T-3	A751L-3	3"

- ISO 5211 Direct Mounting Pad
- Square Valve Stem for Direct Mounting to any ISO Actuator
- Four Seats Standard
- Blow-Out Proof Stem
- Ships with Lever Handle



Mounting Bracket

ISO 5211 Mounting Pad for Electric and Pneumatic Actuators



PART NUMBER	SIZE
A1B-A1C11	1/4" - 1/2"
A2B-A2C11	3/4"
A3B-A3C11	1", 1-1/4"
A4B-A4C14	1-1/2", 2"
FABRICATED	2-1/2" - 4"





A1000

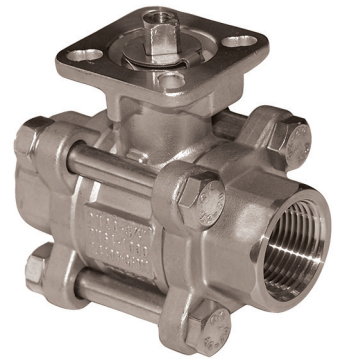
Stainless Steel, 3 Piece 4 Bolt, Swing Out Body, Full Port, Threaded Connection, ISO Mounting Pad, 1000 WOG

PART NUMBER	SIZE
A1000-14	1/4"
A1000-38	3/8"
A1000-12	1/2"
A1000-34	3/4"
A1000-1	1"
A1000-114	1-1/4"
A1000-112	1-1/2"
A1000-2	2"
A1000-212	2-1/2"
A1000-3	3"
A1000-4	4"

- Adjustable Stem Packing
- ISO 5211 Mounting Pad
- Blow-Out Proof Stem
- Wetted Surfaces Contain Less than .25% Lead Content



LEAD FREE



A1001

Stainless Steel, 3 Piece 4 Bolt, Full Port, Threaded Connection, ISO Mounting Pad, 1000 WOG

PART NUMBER	SIZE
A1001-14	1/4"
A1001-38	3/8"
A1001-12	1/2"
A1001-34	3/4"
A1001-1	1"
A1001-114	1-1/4"
A1001-112	1-1/2"
A1001-2	2"

- Adjustable Stem Packing
- ISO 5211 Direct Mounting Pad
- Locking Device May be Locked in Open or Closed Position
- Blow-Out Proof Stem
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content



LEAD FREE



A2020D

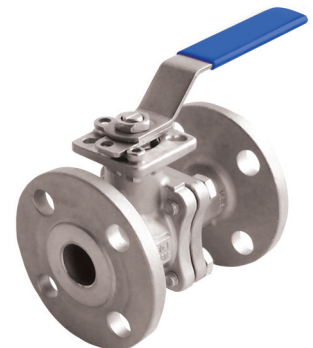
Stainless Steel, 2 Piece, Full Port, Flanged Connection, ISO Mounting Pad, Class 150

PART NUMBER	SIZE
A2020D-12	1/2"
A2020D-34	3/4"
A2020D-1	1"
A2020D-114	1-1/4"
A2020D-112	1-1/2"
A2020D-2	2"
A2020D-212	2-1/2"
A2020D-3	3"
A2020D-4	4"

- Locking Device Comes Standard
- ISO 5211 Direct Mounting Pad
- Blow-Out Proof Stem
- 100% Leak Tested
- Wetted Surfaces Contain Less than .25% Lead Content



LEAD FREE





A-850T/L

3-Way, Full Port, T or L Port, Threaded Connection, ISO Mounting Pad, 1000 WOG



LEAD FREE

PART NUMBER	PART NUMBER	SIZE
T-PORT	L-PORT	
A850T-14	A850L-14	1/4"
A850T-38	A850L-38	3/8"
A850T-12	A850L-12	1/2"
A850T-34	A850L-34	3/4"
A850T-1	A850L-1	1"
A850T-114	A850L-114	1-1/4"
A850T-112	A850L-112	1-1/2"
A850T-2	A850L-2	2"

- Self Adjusting Stem Packing
- ISO 5211 Mounting Pad
- Locking Device May be Locked in Open or Closed Position
- Blow-Out Proof Stem
- 100% Leak Tested
- Four Seat Standard
- Temperature Range: -20°F to 450°F
- Wetted Surfaces Contain Less than .25% Lead Content



A-766T/L

3-Way, Full Port, T or L Port, Flanged Connection, ISO Mounting Pad, Class 150



LEAD FREE

PART NUMBER	PART NUMBER	SIZE
T-PORT	L-PORT	
A766T-1	A766L-1	1"
A766T-114	A766L-114	1-1/4"
A766T-112	A766L-112	1-1/2"
A766T-2	A766L-2	2"
A766T-212	A766L-212	2-1/2"
A766T-3	A766L-3	3"
A766T-4	A766L-4	4"

- AISI 316 Stainless Steel
- Blow-Out Proof Stem
- 100% Leak Tested
- ANSI 150 Flanged
- Max Temp: 344°F
- Wetted Surfaces Contain Less than .25% Lead Content



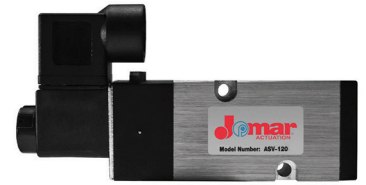


ASV

Four Way Solenoid Valve

PART NUMBER	DESCRIPTION
SOLENOID VALVES	
ASV-120	120VAC
ASV-120VAC-N7	120VAC EXPLOSION PROOF
ASV61-24VDC	24VDC
ASV-24VDC-N7	24VDC EXPLOSION PROOF
SOLENOID COILS	
ASC-120VAC	120VAC
ASC-120VAC-XP	120VAC EXPLOSION PROOF
ASC-12VDC	12VDC
ASC-240VAC	240VAC
ASC-24VAC	24VAC
ASC-24VDC	24VDC
ASC-24VDC-XP	24VDC EXPLOSION PROOF

- Extruded Aluminum Body with NBR Seal
- 120/60/1 Coil with IP 67 Rating
- Manual Override
- 1/4" NPT Exhaust Port
- 1/2" NPT Conduit Connection
- Operating Temp: -40°F to 140°F
- Operating Pressure: 20 - 120 PSI



ASM

Limit Switch with Dome Indicator

PART NUMBER	DESCRIPTION
ASM-200	LIMIT SWITCH, 2 SPDT
ASM-400	LIMIT SWITCH, 4 SPDT
ASM-X-200	EXPLOSION PROOF, EEXED IIB T6
MT1	ADJUSTABLE BRACKET (NAMUR)

- Die-Cast Aluminum, Epoxy Polyester Coated Housing
- Stainless Steel Mounting Bracket made to NAMUR
- O-Ring Sealed to Prevent Contaminants from Entering Switch Compartment
- Position Indicator Manufactured of High-Impact Polycarbonate:
Yellow = Open / Red = Closed
- Mechanical Switches are SPDT Design
- Eight Position Terminal Strip Included
- Enclosure is IP 67 Weatherproof Design
- Two 1/2" NPT Cable Entries



AEP

Electro-Pneumatic Rotary Positioner

PART NUMBER	DESCRIPTION
AEP-100	ELECTRO-PNEUMATICMITT

- Aluminum Housing Construction
- Visual Position Indicator
- Enclosure: IP66 | Input: 4-20mA
- Supply: 20-100 PSI
- Impedance: 250 OHM $\pm$ 15 OHM
- Linearity: $\pm$ 1% / $\pm$ 2% FS
- Operating Temperature: -4°F to 158°F
- Repeatability: $\pm$ 0.5% FS | Hysteresis: $\pm$ 1% FS
- Flow Capacity: 80 LPM
- Air Consumption: 3 LPM
- Weight: 6.5 LB
- Explosion Proof Approval: ExdII BT6
- Signal: 1/2" Conduit
- Connections: 1/4" Air / 1/8" Gauge
- For Use With 1/4-Turn Rotary Actuators





APP

Pneumatic Rotary Positioner

PART NUMBER	DESCRIPTION
APP-200	PNEUMATIC

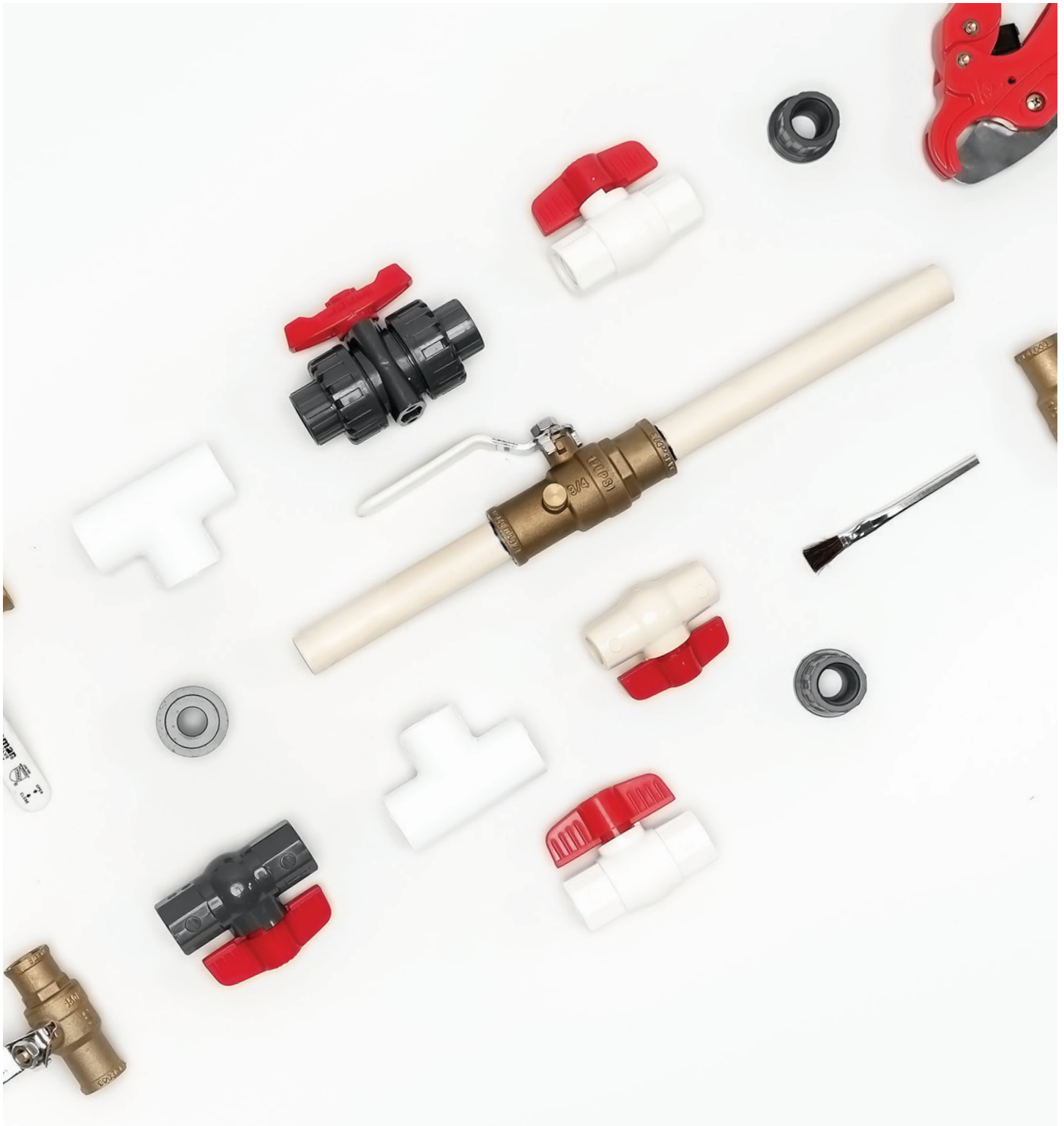
- Aluminum Housing Construction
- Visual Position Indicator
- Input: 3 - 15 PSI
- Supply: 20-100 PSI
- Linearity: $\pm 2\%$ FS
- Operating Temperature: -4°F to 158°F
- Repeatability: $\pm 0.5\%$ FS
- Hysteresis: $\pm 1\%$ FS
- Flow Capacity: 80 LPM
- Air Consumption: 3 LPM
- Weight: 3.7 LB
- Enclosure: IP66
- Connections: $1/4"$ air / $1/8"$ Gauge
- For Use With $1/4$ -Turn Rotary Actuators



Specialty Valves & Retrofitting Actuators

Jomar Valve can order specialty valves not offered in our main product catalog. We are also able to retrofit valves already installed out in the field.

Contact us at 586.268.1220 or csr@jomar.com to coordinate your custom project with a Jomar Valve Actuation Technician.



CPVC/PVC VALVES



S-155G

CPVC, 2 Piece, Full Port, Solvent Connection, 150 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
150-603G	1/2"	54	6	29
150-604G	3/4"	48	4	40
150-605G	1"	18	2	26

- Dezincification Resistant Brass Alloy
- Standard CTS
- For Hot/Cold Water Systems
- Quarter-Turn Operation
- Standard CPVC Installation
- CPVC End Connection Inserts



CERTIFIED
LEAD FREE



S-165G

CPVC, 2 Piece, Full Port, Solvent Connection with Drain, 150 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
150-663G	1/2"	54	6	31
150-664G	3/4"	48	4	41
150-665G	1"	18	2	26

- Dezincification Resistant Brass Alloy
- Standard CTS
- For Hot/Cold Water Systems
- Drain Tap 1/8" Orifice
- Standard CPVC Installation
- CPVC End Connection Inserts



CERTIFIED
LEAD FREE



**S-605**

CPVC, Solvent Connection, Copper Tube Size, 150 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
210-603	1/2"	100	10	13
210-604	3/4"	100	5	22
210-605	1"	100	8	39
210-606	1-1/4"	100	5	59
210-607	1-1/2"	48	4	59
210-608	2"	48	1	62

- Standard CTS
- Large Port
- For Hot/Cold Water Systems
- Quarter-Turn Operation
- Easy Installation
- Bone Color
- Wetted Surfaces Contain Less than .25% Lead Content

**T/S-703**

Tru-Union PVC, Threaded and Solvent Connections, Schedule 80, 150 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
210-543	1/2"	48	48	21
210-544	3/4"	36	36	25
210-545	1"	24	24	24
210-546	1-1/4"	24	24	40
210-547	1-1/2"	24	24	59
210-548	2"	12	12	51
210-549	2-1/2"	12	6	75
210-550	3"	6	4	54
210-551	4"	1	1	25

- NPS Connections
- Easy Installation with Hand Tightened Union Nuts
- Easy Line Breakdowns Without Installing Additional Unions
- Full Port Design; Minimum Flow Restrictions
- Manufactured/Assembled Without Hydrocarbon Lubricants
- Mounting Pads for Electric or Pneumatic Actuation
- Wetted Surfaces Contain Less than .25% Lead Content

**T-701**

PVC, Threaded Connection, Schedule 80, 150 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
210-203	1/2"	100	10	20
210-204	3/4"	100	10	32
210-205	1"	100	8	50
210-206	1-1/4"	100	5	66
210-207	1-1/2"	48	4	66
210-208	2"	24	8	40
210-209	2-1/2"	12	4	40
210-210	3"	12	6	56
210-211	4"	6	4	57

- Corrosion Resistant PVC Material
- NPS Connections
- Minimal Pressure Drop/Turbulence
- 100% Tested
- Wetted Surfaces Contain Less than .25% Lead Content





S-701

PVC, Solvent Connection, Schedule 80, 150 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
210-223	1/2"	100	10	20
210-224	3/4"	100	10	32
210-225	1"	100	8	50
210-226	1-1/4"	100	5	66
210-227	1-1/2"	48	4	66
210-228	2"	24	8	40
210-229	2-1/2"	12	4	40
210-230	3"	12	6	56
210-231	4"	6	4	57

- Corrosion Resistant PVC Material
- NPS Connections
- Minimal Pressure Drop/Turbulence
- 100% Tested
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



T-702

PVC, Threaded Connection, Schedule 40, 150 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
210-703	1/2"	100	10	20
210-704	3/4"	100	10	32
210-705	1"	80	10	40
210-706	1-1/4"	50	10	33
210-707	1-1/2"	24	6	33
210-708	2"	24	3	40

- NPS Connections
- Minimal Pressure Drop/Turbulence
- 100% Tested
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



S-702

PVC, Solvent Connection, Schedule 40, 150 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
210-723	1/2"	100	10	20
210-724	3/4"	100	10	32
210-725	1"	80	10	40
210-726	1-1/4"	50	10	33
210-727	1-1/2"	24	6	33
210-728	2"	24	3	40

- NPS Connections
- Minimal Pressure Drop/Turbulence
- 100% Tested
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



LOCKWINGS



175-LWN

Utility Gas Ball Valve, Full Port, FIP x FIP Connection, 175 PSIG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
240-003B	1/2"	40	10	47
240-003P	1/2"	40	10	48
240-004B	3/4"	40	10	51
240-004P	3/4"	40	10	50
240-004T	3/4"	40	10	51
240-005B	1"	24	6	50
240-005P	1"	24	6	49
240-005T	1"	24	6	50
240-006B	1-1/4"	16	4	47
240-006P	1-1/4"	16	4	47
240-006T	1-1/4"	16	4	47
240-007B	1-1/2"	8	2	32
240-007P	1-1/2"	8	2	32
240-007T	1-1/2"	12	3	48
240-008B	2"	8	4	49
240-008P	2"	8	4	49
240-008T	2"	8	4	49

(B) BRASS, (P) PAINTED, (T) T.E.A. COATED

- Tamper Resistant Lockwing Cap
- 2 FKM O-Rings
- Full Port Design to Accommodate Industry Leading Stop Changers
- Lockwing Accommodates Standard Barrel Locks
- Maintenance Free Design
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty



BRASS



PAINTED



T.E.A. COATED



175-LWIN

Utility Gas Ball Valve, Full Port, FIP x Dielectric Union Connection, Insulated Tailpiece, 175 PSIG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
241-004D	3/4"	30	5	59
241-004P	3/4"	32	5	69
241-004T	3/4"	20	5	39
241-005D	1"	12	2	43
241-005P	1"	12	2	50
241-005T	1"	12	2	43
241-006D	1-1/4"	8	2	43
241-006P	1-1/4"	12	2	46
241-006T	1-1/4"	8	2	52
241-008T	2"	4	2	41

(D) BRASS, (P) PAINTED, (T) T.E.A. COATED

- Tamper Resistant Lockwing Cap
- 2 FKM O-Rings
- Full Port Design to Accommodate Industry Leading Stop Changers
- Lockwing Accommodates Standard Barrel Locks
- Maintenance Free Design
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty



BRASS



PAINTED



T.E.A. COATED



125-LWN

Utility Gas Ball Valve, Full Port, Threaded Connection,
125 PSIG

PART NO.	SIZE	CASE	CARTON	WEIGHT
FIP X FIP				
242-005B	1"	24	6	40
MIP X FIP				
246-005B	1"	24	6	39
246-006B	1-1/4"	24	6	39

(B) BRASS

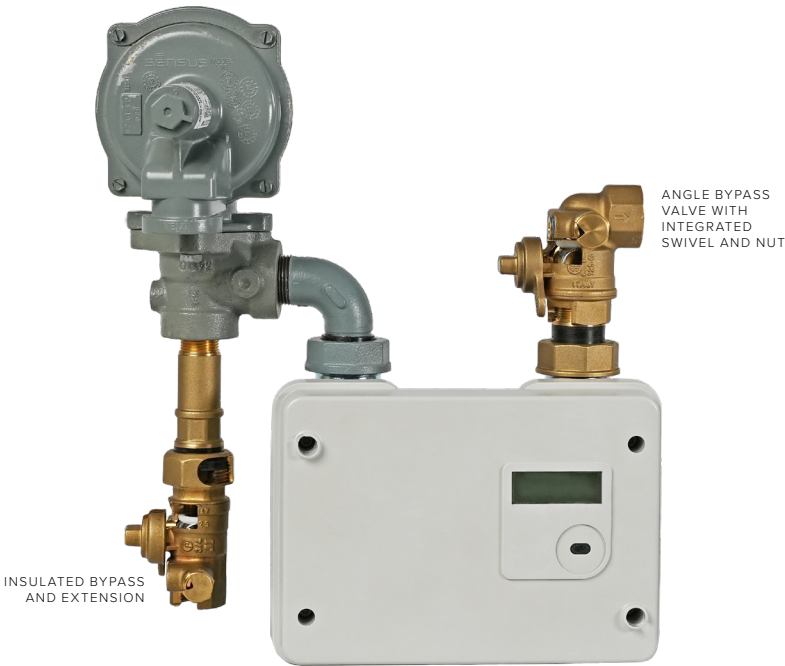
- Tamper Resistant Lockwing Cap
- 2 FKM O-Rings
- Full Port Design to Accommodate Industry Leading Stop Changers
- Lockwing Accommodates Standard Barrel Locks
- Maintenance Free Design
- 100% Leak Tested
- 100% Made in Italy
- Leakproof Stem - Lifetime Warranty



FIP X FIP



MIP X FIP



BYPASS BENEFITS

- Streamline Regulator & Meter and Nut Repairs or Replacements
- Significantly Lower Leak Points
- Save on Labor Due to Reduced Connections
- Eliminate Leaks to Atmosphere with Maintenance Free Lockwing



DIELECTRIC UNIONS



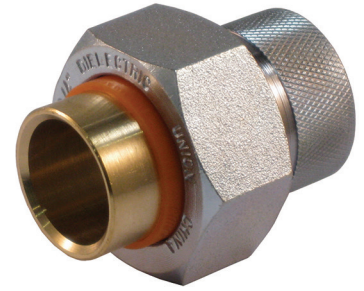
Dielectric Union

Solder x Galvanized FIP Connection, 250 PSI

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
701-103G	1/2"	80	10	30
701-104G	3/4"	80	10	37
701-105G	1"	80	10	41
701-106G	1-1/4"	72	6	62
701-107G	1-1/2"	36	6	61
701-108G	2"	20	5	52

- Dezincification Resistant Brass Alloy
- Prevents Accelerated Corrosion
- Buna Seats: -20°F to 180°F
- Wetted Surfaces Contain Less than .25% Lead Content

✓ LEAD FREE



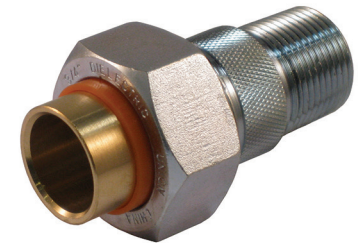
Dielectric Union

Solder x Galvanized MIP Connection, 250 PSI

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
701-304G	3/4"	96	12	61
701-306G	1"	60	10	62

- Dezincification Resistant Brass Alloy
- Prevents Accelerated Corrosion
- Buna Seats: -20°F to 180°F
- Wetted Surfaces Contain Less than .25% Lead Content

✓ LEAD FREE



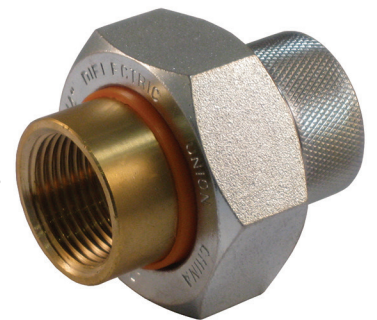
Dielectric Union

FIP x Galvanized FIP Connection, 250 PSI

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
701-503G	1/2"	100	10	52
701-504G	3/4"	60	10	50
701-505G	1"	40	5	53

- Dezincification Resistant Brass Alloy
- Prevents Accelerated Corrosion
- Buna Seats: -20°F to 180°F
- Wetted Surfaces Contain Less than .25% Lead Content

✓ LEAD FREE

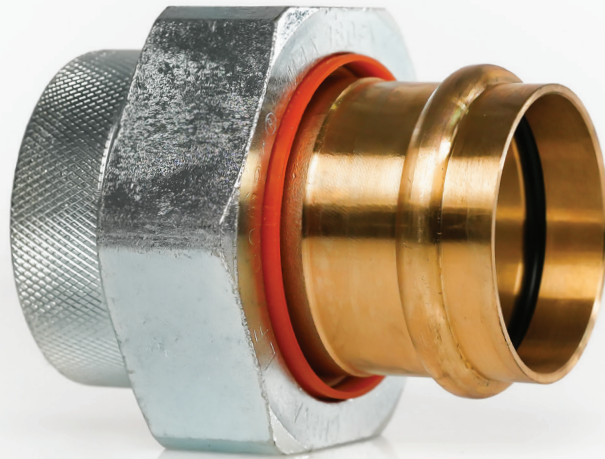


LEAD FREE PRESS DIELECTRIC UNION

EPDM O-RING

LEAD FREE BRASS PRESS CONNECTION

GALVANIZED CONNECTION

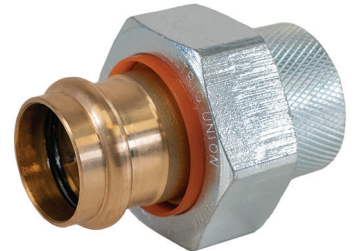


Dielectric Union

Press x Galvanized FIP Connection, 250 PSI

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
701-703G	1/2"	100	10	45
701-704G	3/4"	80	10	52
701-705G	1"	60	6	57
701-706G	1-1/4"	40	5	57
701-707G	1-1/2"	24	4	47
701-708G	2"	16	2	48

- Dezincification Resistant Brass Alloy
- Prevents Accelerated Corrosion
- EPDM Gasket: -20°F to 180°F
- Wetted Surfaces Contain Less than .25% Lead Content

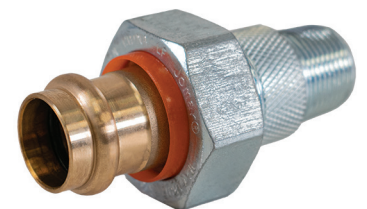


Dielectric Union

Press x Galvanized MIP Connection, 250 PSI

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
701-803G	1/2"	100	10	56
701-804G	3/4"	80	10	64

- Dezincification Resistant Brass Alloy
- Prevents Accelerated Corrosion
- EPDM Gasket: -20°F to 180°F
- Wetted Surfaces Contain Less than .25% Lead Content



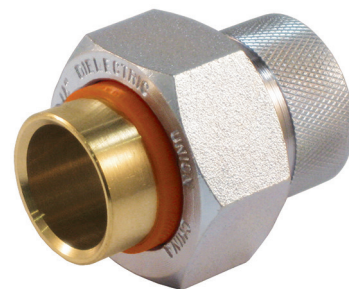


Dielectric Union

Solder x Galvanized FIP Connection, 250 PSI

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
701-103	1/2"	80	12	30
701-104	3/4"	80	10	37
701-105	1"	80	12	62
701-106	1-1/4"	40	10	48
701-107	1-1/2"	36	6	60
701-108	2"	20	5	52

- Prevents Accelerated Corrosion
- Buna Seats: -20°F to 180°F

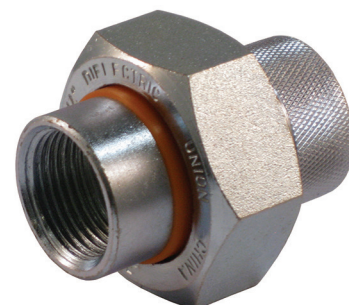


Dielectric Union

FIP x Galvanized FIP Connection, 250 PSI

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
701-413	1/2"	80	10	41
701-414	3/4"	60	10	49
701-415	1"	40	5	54
701-416	1-1/4"	40	5	57
701-417	1-1/2"	20	5	61
701-418	2"	12	2	43

- Prevents Accelerated Corrosion
- Buna Seats: -20°F to 180°F



Dielectric Union

Black Iron, FIP x FIP Connection, 250 PSI

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
701-403	1/2"	80	10	42
701-404	3/4"	60	10	51
701-405	1"	40	5	53
701-406	1-1/4"	30	5	51
701-407	1-1/2"	20	5	61
701-408	2"	10	2	36

- Prevents Accelerated Corrosion
- For Use on Black Pipe
- Suitable for Use in Gas or Water Applications
- Buna Seats: -20°F to 180°F

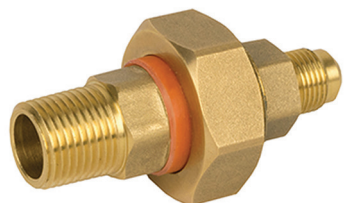


Liquid Propane Dielectric Union

MIP x Flare Connection, 250 PSI

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
703-102	1/2" MIP X 3/8" FLARE	100	10	57
703-103	1/2" MIP X 1/2" FLARE	100	10	59
703-104	1/2" MIP X 5/8" FLARE	100	10	64
704-102	3/4" MIP X 3/8" FLARE	60	6	47
704-103	3/4" MIP X 1/2" FLARE	60	6	49
704-104	3/4" MIP X 5/8" FLARE	60	6	51

- Meets NFPA 58 Dielectric Union Requirement
- For Use in Propane Applications
- Prevents Accelerated Corrosion
- HNBR Seal: -40°F to 180°F





LOW PRESSURE



T-621G

Threaded x MIP Connection, 125 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
201-003G	1/2"	100	10	50
201-004G	3/4"	100	10	56

- Dezincification Resistant Brass Alloy
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



T-622G

Threaded x FIP Connection, 125 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
201-103G	1/2"	100	10	46
201-104G	3/4"	100	10	51

- Dezincification Resistant Brass Alloy
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



P-623G

Press x FIP Connection, 125 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
201-133G	1/2"	100	10	45
201-134G	3/4"	100	10	48

- Dezincification Resistant Brass Alloy
- IAPMO Certified - NSF 61 & NSF 372 & NSF 14
- Wetted Surfaces Contain Less than .25% Lead Content





T-624G

Crimp Pex Connection, 125 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
201-123G	1/2"	96	6	53

- Dezincification Resistant Brass Alloy
- IAPMO Certified - NSF 61 & ANSI 372
- Wetted Surfaces Contain Less than .25% Lead Content





T-621
Threaded x MIP Connection, 125 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
201-003	1/2"	100	10	53
201-004	3/4"	100	10	57

- Residential and Commercial Applications
- 3/4" Hose Thread Outlet





T-641G
Threaded x FIP Connection, 125 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
202-003G	1/2"	100	10	58
202-004G	3/4"	100	10	64

- Dezincification Resistant Brass Alloy
- 3/4" Hose Thread Outlet
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



S-641G
Solder x FIP Connection, 125 WOG

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
202-103G	1/2"	100	10	59
202-104G	3/4"	100	10	65

- Dezincification Resistant Brass Alloy
- 3/4" Hose Thread Outlet
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content





T-632G

Lead Free Brass or Nickel-Plated, Threaded Connection, Quarter-Turn, 200 WOG

PART NO.	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
201-215G	1/2"	100	10	43
201-216G	3/4"	100	10	43
T-HANDLE (NICKEL-PLATED FINISH)				
201-205G	1/2"	100	10	43
201-206G	3/4"	100	10	47

Lever Handle

- Dezincification Resistant Brass Alloy
- Long Life Positive Shut-Off
- 1/2" has Combination 1/2" MIP and 1/2" Solder Inlet
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content

T-Handle

- Nickel-Plated Finish
- Aluminum T-Handle
- Long Life Positive Shut-Off
- 1/2" has Combination 1/2" MIP and 1/2" Solder Inlet
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



CERTIFIED LEAD FREE

NSF/ANSI/CAN 61 & 372



T-632NKG

Lead Free Brass and Nickel-Plated, Threaded Connection, Quarter-Turn, No Kink, 200 WOG

PART NO.	SIZE	CASE	CARTON	WEIGHT
LEVER HANDLE				
201-217G	1/2"	100	10	40
201-218G	3/4"	100	10	40
T-HANDLE (NICKEL-PLATED FINISH)				
201-207G	1/2"	100	10	40
201-208G	3/4"	100	10	45

Lever Handle

- Dezincification Resistant Brass Alloy
- Long Life Positive Shut-Off
- 1/2" has Combination 1/2" MIP and 1/2" Solder Inlet
- IAPMO Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content

T-Handle

- Nickel-Plated Finish
- Long Life Positive Shut-Off
- Aluminum T-Handle
- 1/2" has Combination 1/2" MIP and 1/2" Solder Inlet
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content



CERTIFIED LEAD FREE



CERTIFIED LEAD FREE

NSF/ANSI/CAN 61 & 372





P-632NKG
Press Connection, Quarter-Turn, No Kink, 200 WOG



PART NUMBER	SIZE	CASE	CARTON	WEIGHT
201-203G	1/2"	100	10	35
201-204G	3/4"	100	10	38

- Dezincification Resistant Brass Alloy
- Long Life Positive Shut-Off
- IAPMO Certified - NSF 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content





T-653G

Threaded Connection



CERTIFIED
LEAD FREE

NSF/ANSI/CAN 61 & 372

PART NUMBER	SIZE	CASE	CARTON	WEIGHT
203-204G	3/4"	240	20	51

- Dezincification Resistant Brass Alloy
- 3/4" Hose Connection
- Tamper-Resistant Breakaway Screw
- POM Internal Components
- Truesdail Certified - NSF/ANSI/CAN 61 & NSF 372
- Wetted Surfaces Contain Less than .25% Lead Content





BASKET STRAINERS



Snap-N-Loc®

SS-306, Sink Strainer, 300 Grade Stainless or Brushed Stainless Steel

PART NUMBER	CASE
300-006	24
300-008	24
300-017CLAM	36



Twist-N-Loc®

SS-304, Sink Strainer, Chrome Plated Brass or 300 Grade Brushed Stainless Steel

PART NUMBER	CASE
300-001	24
300-003	24
300-023CLAM	24



Easy-Loc®

SS-305, Sink Strainer, Chrome Plated Brass

PART NUMBER	CASE
300-004	24



Mag-Na-Loc™

SS-420, Sink Strainer, 300 Grade Stainless Steel

PART NUMBER	CASE
300-011	24





Snap-N-Seal®

SS-430, Sink Strainer, 400 Grade Stainless Steel

PART NUMBER	CASE
300-013	24



Snap-Tite™

SS-440, Sink Strainer, 300 Grade Stainless Steel

PART NUMBER	CASE
300-014	24



Push-N-Seal II™

BS-323-DBS, Sink Strainer, 400 Grade Brushed Stainless Steel

PART NUMBER	CASE
300-021CLAM	24



Small Wonder™

SS-308, Sink Strainer, Chrome Plated Brass or 300 Grade Brushed Stainless Steel

PART NUMBER	CASE
300-101	96





Bar-ette™

SS-310, Bar Sink Strainer, Chrome Plated Brass

PART NUMBER	CASE
300-102	96



Accessories

For Designer Series Basket Strainers

PART NUMBER	CASE	TYPE
301-001	24	BASKET FOR TWIST-N-LOC®
301-002	24	BASKET FOR SNAP-N-LOC®
302-106	24	BRASS TAILNUT



BASKET FOR TWIST-N-LOC®



BASKET FOR SNAP-N-LOC®



BRASS TAILNUT

**Disposer with Stopper**

SS-400, 400 Grade Stainless Steel

PART NUMBER	CASE
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305-400	48
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**Economy Strainer**

SS-401, Sink Strainer, 400 Grade Stainless Steel

PART NUMBER	CASE
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305-401	48
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**Basic Deep Cup Sink Strainer**

SS-409, Sink Strainer, 400 Grade Stainless Steel

PART NUMBER	CASE
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305-408	48
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THREAD SEALANT



White Stuff

Slow-Drying, Soft-Set, PTFE Thread Sealant

PART NUMBER	SIZE	CASE	WEIGHT
400-001	2 OZ. TUBE	72	11
400-002	4 OZ. CAN	24	13
400-003	8 OZ. CAN	24	20
400-004	16 OZ. CAN	12	22
400-005	32 OZ. CAN	12	39

Jomar's White Stuff is a slow drying, soft setting, non-hardening PTFE pipe thread compound. It will not transfer taste or odor to the system being sealed. Excellent for food and water systems. It is lead free, anti-galling, noncorrosive, nontoxic and will not harden in can.



Green Stuff

Slow-Drying, Soft-Set, General Purpose Thread Sealant

PART NUMBER	SIZE	CASE	WEIGHT
400-101	2 OZ. TUBE	72	11
400-102	4 OZ. CAN	24	13
400-103	8 OZ. CAN	24	20
400-104	16 OZ. CAN	12	22
400-105	32 OZ. CAN	12	39

Jomar's Green Stuff is a slow drying, soft setting, non-hardening pipe thread compound. It will not transfer taste or odor to the system being sealed. Excellent for food and water systems. It is lead free, anti-galling, noncorrosive, nontoxic and will not harden in can.



Heavyweight

Slow-Drying, Soft-Set, Extra PTFE Thread Sealant

PART NUMBER	SIZE	CASE	WEIGHT
400-202	4 OZ. CAN	24	11
400-203	8 OZ. CAN	24	13
400-204	16 OZ. CAN	12	22

Jomar's Heavyweight is a slow drying, soft setting, non-hardening industrial PTFE pipe thread compound. It will not transfer taste or odor to the system being sealed. Excellent for food and water systems. It is lead free, anti-galling, noncorrosive, nontoxic and will not harden in can.





WOG Plus

Fast-Drying, Hard-Set, Thread and Gasket Sealant

PART NUMBER	SIZE	CASE	WEIGHT
400-302	4 OZ. CAN	24	12
400-303	4 OZ. CAN	24	21
400-304	8 OZ. CAN	12	19

Jomar's WOG Plus is a fast drying, hard setting, semi-paste, thread and gasket sealer. It remains flexible, so vibrations will not loosen connection. WOG Plus seals tightly but allows for disassembly without damage to parts. It is lead free, halogen free, noncorrosive and nontoxic.



Copper Anti-Seize

High Temperature Anti-Seize Lubricant and Thread Sealant

PART NUMBER	SIZE	CASE	WEIGHT
400-403	8 OZ. TUBE	24	19
400-404	16 OZ. CAN	12	15

Jomar's Copper Anti-Seize is a copper based anti-seize lubricant and thread sealant for high temperatures. It produces a permanent leakproof metallic seal under pressure, yet prevents seizing, galling, freezing, and tearing, even under extreme conditions. It is lead free, noncorrosive, nontoxic, and will not harden in can.



Nickel Anti-Seize

High Temperature Nickel Anti-Seize Lubricant and Thread Sealant

PART NUMBER	SIZE	CASE	WEIGHT
400-503	8 OZ. CAN	12	19
400-504	16 OZ. CAN	12	15

Jomar's Nickel Anti-Seize is a non-seizing, nickel based, lubricant and thread sealant. It may be used to prevent seizing, corrosion and galling where extreme temperature conditions exist. It contains a high percentage of microfine nickel flakes and is fortified with high quality rust and corrosion inhibitors. It is lead free, nontoxic, and will not harden in can.





Lever Handle

Geomet-Plated Stainless Steel, Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
899-701	1/4", 3/8", 1/2"
899-704	3/4"
899-705	1", 1-1/4"
899-708	1-1/2", 2"
899-710	2-1/2", 3"
899-711	4"



Lever Handle

Chrome-Plated Steel, Fits JF-100T/S, T/S-110, T-100HF, S-100HS, T/S-412G, T/S-422G, T-423G

PART NUMBER	SIZE
100-103RH	1/4" - 1/2"
100-105RH	3/4" - 1"
100-108RH	1-1/4" - 2"
100-109RH	2-1/2"
100-110RH	3"
100-111RH	4"



Lever Handle and Nut

Stainless Steel, Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
220-300	1/4", 3/8", 1/2"
220-301	3/4"
220-302	1", 1-1/4"
220-303	1-1/2", 2"
220-305	2-1/2", 3"
220-306	4"



Lever Handle and Nut

Stainless Steel, Fits JF-100T/S

PART NUMBER	SIZE
100-103SH	1/4" - 1/2"
100-105SH	3/4" - 1"
100-108SH	1-1/4" - 2"





Locking Handle
Stainless Steel, Fits T/S-200CSSG

PART NUMBER	SIZE
220-714G	1/4", 3/8", 1/2"
220-715G	3/4", 1"
220-716G	1-1/4"
220-717G	1-1/2", 2"
220-718G	2-1/2", 3"



Locking Handle
Stainless Steel, Fits T/S-200CSS

PART NUMBER	SIZE
220-714	1/4", 3/8", 1/2"
220-715	3/4", 1"
220-716	1-1/4"
220-717	1-1/2", 2"



Locking Handle
Stainless Steel, Fits T/S-100CG, JP-100G, JP-100SSG, T-100UEG

PART NUMBER	SIZE
220-994G	1/4", 3/8", 1/2"
220-995G	3/4"
220-996G	1", 1-1/4"
220-997G	1-1/2", 2"



Locking Handle
Chrome-Plated Steel, Fits JF-100G Series, T/S-412G, T/S-422G, T-423G

PART NUMBER	SIZE
100-103GLL	1/4" - 1/2"
100-105GLL	3/4" - 1"
100-108GLL	1-1/4" - 2"
100-109GLL	2-1/2"
100-110GLL	3"
100-111GLL	4"





Locking Handle

Chrome-Plated Steel, Fits JF-100T/S, T/S-110, T-100HF, S-100HS, C-402

PART NUMBER	SIZE
100-103LL	1/4" - 1/2"
100-105LL	3/4" - 1"
100-108LL	1-1/4" - 2"
100-109LL	2-1/2"
100-110LL	3"
100-111LL	4"



Locking Handle

Stainless Steel, Fits T-100NE

PART NUMBER	SIZE
220-994	1/4", 3/8", 1/2"
220-995	3/4"
220-996	1", 1-1/4"
220-997	1-1/2", 2"



Locking Handle

Stainless Steel, Fits T-100FMN, T-100SSE, JP-100

PART NUMBER	SIZE
220-984	1/4", 3/8", 1/2"
220-985	3/4"
220-986	1", 1-1/4"
220-987	1-1/2", 2"



Locking Handle

Stainless Steel, Fits T-SS-2002N-DUE

PART NUMBER	SIZE
100-992LH	3/8"
100-993LH	1/2"
100-994LH	3/4"
100-995LH	1"
100-996LH	1-1/4"
100-997LH	1-1/2", 2"





Locking Handle

Lift-N-Lock, Spring-Loaded Tamper-Proof Locking Device



PART NUMBER	SIZE
	OPEN & CLOSED
210-994	1/4", 3/8", 1/2"
210-995	3/4"
210-996	1", 1-1/4"
210-997	1-1/2", 2"
210-998	2-1/2", 3"
CLOSED ONLY	
210-994C	1/4", 3/8", 1/2"
210-995C	3/4"
210-996C	1", 1-1/4"
210-997C	1-1/2", 2"
210-998C	2-1/2", 3"
210-999C	4"



T-Handle

Red Aluminum, Fits T-100, S-100, JP-100 Series



PART NUMBER	SIZE
220-204	1/4", 3/8", 1/2"
220-205	3/4"
220-206	1", 1-1/4"



T-Handle

Red Aluminum, Fits T/S-412G, T/S-422G, T-423G, JF-100T/S, T/S-110, T-100HF, S-100HS



PART NUMBER	SIZE
899-123	1/4", 3/8", 1/2"
899-125	3/4", 1"



Long Neck T-Handle

Fits T-100, S-100, JP-100 Series



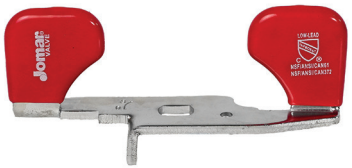
PART NUMBER	SIZE
220-223	1/4", 3/8", 1/2"
220-224	3/4"
220-225	1", 1-1/4"



Wingtip Handle

Fits JF-100 Series, T/S-412G, T/S-422G, JP-150G, T/S-150G

PART NUMBER	SIZE
899-123GWH	1/4", 3/8", 1/2"
899-125GWH	3/4", 1"
899-128GWH	1-1/4", 1-1/2", 2"



Oval Handle

Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
220-514	1/2"
220-515	3/4"
220-516	1", 1-1/4"
220-517	1-1/2", 2"



Oval Handle

Fits JF-100T/S, T/S-110, T-100HF, S-100HS

PART NUMBER	SIZE
100-103OH	1/4" - 1/2"
100-105OH	3/4" - 1"
100-108OH	1-1/4" - 2"





Thermal-Block™

Thermal Insulated Handle with Memory Stop for Bronze Ball Valves,
Fits T/S-200CSSG, T/S-200CSS

PART NUMBER	SIZE
220-423	1/2"
220-424	3/4", 1"
220-426	1-1/4"
220-428	1-1/2", 2"

- UL 2043 Certified Handle



Thermal-Block™

Thermal Insulated Handle with Memory Stop for Brass Ball Valves,
Fits T/S-100CG, T/S-100CSSG, JP-100G, JP-100SSG, T-100NE

PART NUMBER	SIZE
220-323	1/2"
220-324	3/4"
220-326	1", 1-1/4"
220-328	1-1/2", 2"

- UL 2043 Certified Handle



Slo-Ball Handle

270° Gear Operator Handle, Fits T-100, S-100 or JP-100 Series

PART NUMBER	SIZE
220-014	1/4", 3/8", 1/2"
220-015	3/4"
220-016	1", 1-1/4"
220-017	1-1/2", 2"



Memory Stop

Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
220-103	1/4", 3/8", 1/2"
220-104	3/4"
220-105	1", 1-1/4"
220-106	1-1/2", 2"





Square Head Top

1-1/16" Diameter, Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
889-113	1/2"
889-114	3/4"
889-115	1", 1-1/4"
899-117	1-1/2", 2"



Stem Extension

2", Fits T/S-200CSSG, T/S-200CSS

PART NUMBER	SIZE
200-103EH	1/4", 3/8", 1/2"
200-105EH	3/4", 1"
200-106EH	1-1/4"
200-108EH	1-1/2", 2"



Stem Extension

2", T.E.A. Coated, Fits T-100, S-100, JP-100 Series

PART NUMBER	SIZE
230-004	1/4", 3/8", 1/2"
230-005	3/4"
230-006	1", 1-1/4"
230-007	1-1/2", 2"
230-008	2-1/2", 3"





Stem Extension

2", Fits JP-150G, T/S-412G, T/S-422G, JF-100T/S, T/S-110, T-100HF, S-100HS

PART NUMBER	SIZE
100-103EH	1/4" - 1/2"
100-105EH	3/4" - 1"
100-108EH	1-1/4" - 2"



Filter Ball® Replacement Filters

Stainless Steel, Fits T-100FBG

PART NUMBER	SIZE	CASE	WEIGHT
MESH 20			
221-014	1/2" AND 3/4" HEAVY PATTERN*	250	4
221-015	1"	200	4
221-016	1-1/4"	150	5
221-017	1-1/2"	80	5
221-018	2"*	40	5
MESH 40			
221-114	1/2" AND 3/4" HEAVY PATTERN*	250	4
221-115	1"	200	4
221-116	1-1/4"	150	4
221-117	1-1/2"	80	6
221-118	2"*	40	5
MESH 60			
221-204	1/2" AND 3/4" HEAVY PATTERN*	250	5
221-205	1"	200	6
221-206	1-1/4"	150	7
221-207	1-1/2"	80	6
221-208	2"*	40	6
MESH 80			
221-214	1/2" AND 3/4" HEAVY PATTERN*	250	5
221-215	1"	200	6
221-216	1-1/4"	150	7
221-217	1-1/2"	80	6
221-218	2"*	40	6
MESH 100			
221-224	1/2" AND 3/4" HEAVY PATTERN*	250	5
221-225	1"	200	6
221-226	1-1/4"	150	3
221-227	1-1/2"	80	6
221-228	2"*	40	6



*FOR 1/2" AND 3/4" REPLACEMENT FILTERS OF VALVES PURCHASED PRIOR TO 2015, OR 2" REPLACEMENT FILTERS OF VALVES PURCHASED PRIOR TO JUNE 2020, CONTACT CSR@JOMAR.COM.

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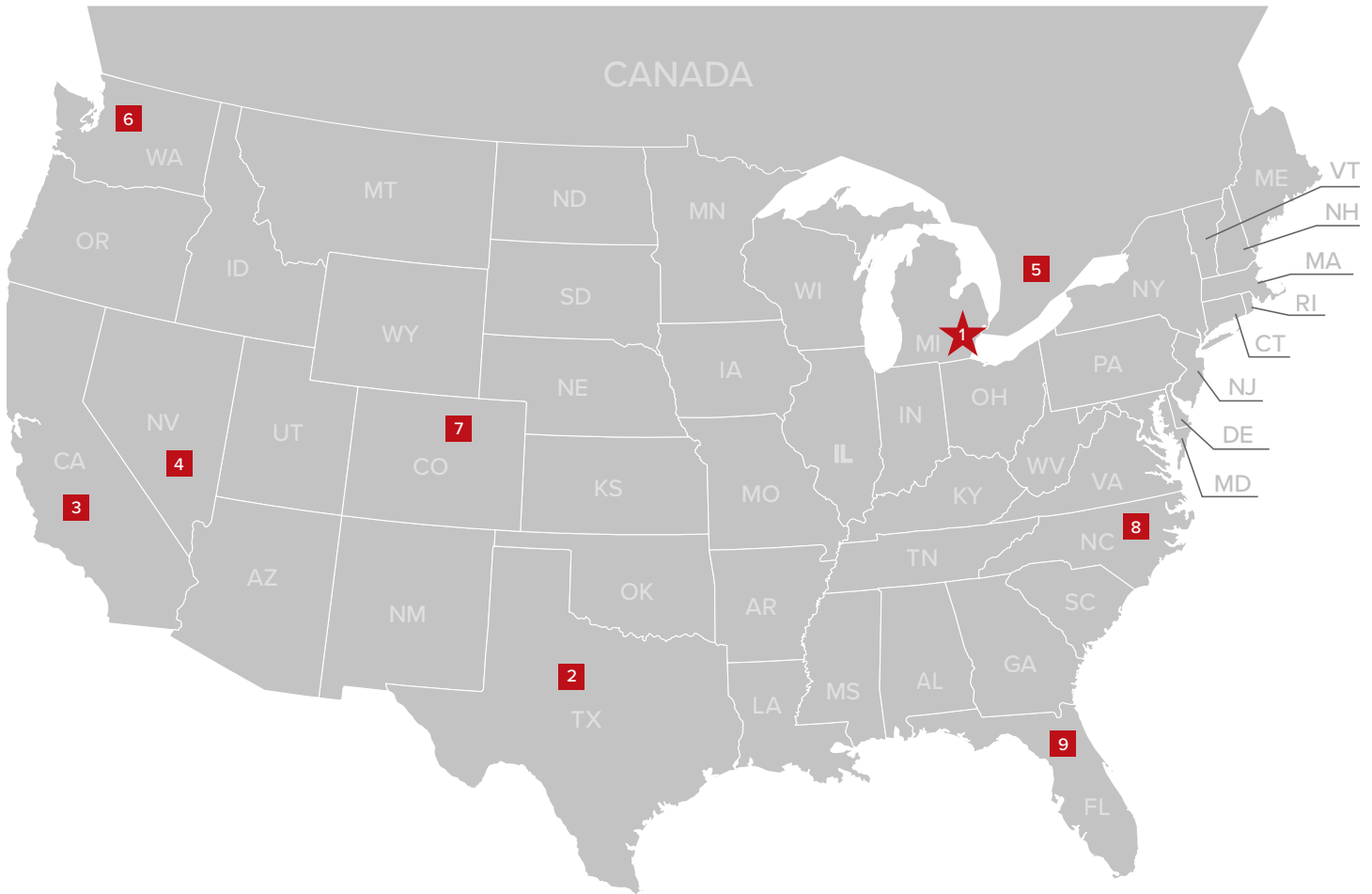
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STOCKING WAREHOUSES



1 JOMAR VALVE HEADQUARTERS

WARREN, MI 48092
586.268.1220

2

JIM BRYCE & ASSOCIATES

DALLAS, TX 75220
972.737.3981

3

MAINLINE SALES

ANAHEIM, CA 92805
877.300.9346

4

MAINLINE SALES

LAS VEGAS, NV 89120
702.538.7588

5

NEO VALVES LTD

VAUGHAN, ON L4L 085
905.264.6556
CANADA

6

NORPAC

KENT, WA 98031
253.850.8800

7

RKR

DENVER, CO 80216
303.321.7610

8

SNIDER

CHARLOTTE, NC 28273
704.588.0915

9

THE SPIRIT GROUP

ORLANDO, FL 32803
407.291.6035

TERMS & CONDITIONS

UNLESS OTHERWISE SPECIFIED IN WRITING, THE FOLLOWING WILL PREVAIL:

GENERAL

The possession of the Jomar International catalog and/or literature is not to be construed as an offer to sell the goods listed herein. All orders shall be subject to the approval and acceptance of Jomar International, dba Jomar Valve, hereinafter referred to as the Company, at its principal office in Warren, Michigan.

All Company proposals, all acceptances of Purchaser's orders, and all sales by the Company are expressly limited to, and expressly made conditional upon, the Purchaser's acceptance and assent to the Standard Terms and Conditions of Sale as set forth herein, notwithstanding receipt of, or acknowledgment of, the Purchaser's order form or specifications containing additional or different provisions, or conflicting oral representations by any agent or employee of the Company. No waiver, change or modification of any terms or conditions on the face or reverse hereof shall be binding on the Company unless made in writing and signed by an officer of the Company.

PRICES AND TERMS

All prices are subject to change without notice. Minimum billing is \$50.00. Terms are 2% 10 days, NET 30 days subject to approved credit. Not applicable to credit card payments. Shipments can be expected, prior to establishing credit, by including check with order for full amount or specifying C.O.D.

Any order originating outside the contiguous United States, Alaska, Hawaii or Canada shall be subject to an irrevocable letter of Credit confirmed by a U.S. bank or a sight draft.

1-1/2% per month service charge on all balances unpaid by the 1st of the following month (18%) annual interest rate.

PERFORMANCE GUARANTEE

The Company guarantees to the original purchaser that the equipment of its manufacture will perform at rated capacity as stated only when (1) properly installed, connected, started, operated and maintained in accordance with Company Instruction(s), and or Information Guide(s), as revised from time to time, and (2) used for the applications specified and (3) used in the environments as specified or as limited. If equipment is part of a greater system, the Company accepts responsibility only for the equipment manufactured by it.

THIS EQUIPMENT MUST BE INSTALLED, OPERATED, AND MAINTAINED IN ACCORDANCE WITH THE APPROPRIATE INSTRUCTION(S) AND/OR INFORMATION GUIDE(S), AS REVISED FROM TIME TO TIME, PURCHASERS OF THE COMPANY'S EQUIPMENT WAIVE SUBROGATION ON ALL ITEMS COVERED UNDER THEIR OWN OR OTHER INSURANCE.

LIMITED WARRANTY ON THE EQUIPMENT ITSELF

The Company, for a period of one year from the date of shipment, warrants each product or system of its own manufacture to the original purchaser to be free from defects in material and workmanship under normal use, service and maintenance. Normal use, service and maintenance means:

- Not in excess of the maximum pressures, temperatures, volumes and rated capacities or other parameters specified in the Company's Product Bulletins, Specification Sheets, and/or quotation(s).
- Using only fluids specified in the Company's Product Bulletins, Specification Sheets, and/or quotations.
- Operation and maintenance in compliance with the appropriate instructions and/or Information Guides.

FREIGHT ALLOWANCE

All prices are FOB Warren, Michigan with full freight prepaid and allowed within the contiguous United States on shipments of \$2,500.00 net or more excluding ductile/cast iron, stainless steel, and carbon steel products which are \$3,500.00 or more. Any combination of products, items or sizes may be combined to satisfy the dollar amount required to earn full freight allowance. The Company reserves the right to select the most economical routing and shall not be liable by reason of the mode or route of shipment nor held responsible for any assessorial charges beyond the standard freight and fuel charges such as lift-gate, redelivery, re-consignment, residential, litigate surcharges, etc.

EXPORT SHIPMENTS

All prices are FOB plant, Warren, Michigan, with full freight prepaid and allowed to Port of Exit on shipments of \$2,500.00 net or more, excluding ductile/cast iron, stainless steel, and carbon steel products which are \$3,500.00 or more.

PACKAGING

All list prices are based on domestic packaging. For export packaging, contact the factory for pricing.

DELIVERY

The quoted time of delivery is understood to be from date of receipt of all necessary information including Purchaser's approval, if applicable. Any delay in delivery of any installment shall not relieve purchaser of its obligation to accept remaining deliveries. The Company shall not be liable for damages or for cancellation of the contract as a result of any delay due to any cause beyond the Company's reasonable control including, but not limited to, act of God, act of the purchaser, embargo or other governmental acts, regulations or requirements, fire accident, labor disputes, war, civil insurrection or riot, delay in transportation or the inability to obtain necessary labor, materials or manufacturing facilities. In the event of any such delay the date of delivery shall be extended for a period equal to the time lost by reason of the delay. All shipments, unless otherwise specified, shall be FOB shipping point and the purchaser assumes responsibility for damage or loss in transit. The Company shall not be liable or responsible by reason of the mode or route of shipment. Products or goods not of Company manufacture supplied in piece, or as components to a system designed or sold by the Company, are not covered by this warranty. However, the Company will extend to the purchaser the benefit of such adjustment as is obtained from the manufacturer of that component or product.

This warranty does not apply to damage caused by any or all of the following circumstances or conditions:

- Freight damage.
- Parts and/or accessories or components not obtained from or approved by the Company.
- Any consequential or incidental damage arising from the use of the product, system or other goods manufactured or sold by the Company.
- Misapplication, misuse, abuse, or failure to follow the Product Instruction Sheets and/or Information Guides

The remedy under this warranty is limited to the repair or replacement of any parts found upon examination by the Company to have been defective, and shall not include removal and reinstallation costs involved in the exchange. The remedy shall be conditioned upon receipt of written notice by the Company of any alleged defects promptly after discovery thereof within the warranty period. Generally, consent, if given, will be upon the condition that the purchaser assumes and prepays all carrier charges.

THIS WARRANTY IS EXCLUSIVE. THE COMPANY EXPRESSLY DISCLAIMS ANY AND ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR MERCHANT ABILITY OF FITNESS FOR A PARTICULAR PURPOSE OR, ANY PURPOSE.

No person, including any dealer or representative of the Company, is authorized to make any representations concerning the Company products or systems on behalf of the Company or to assume for the Company the obligations contained in this warranty. The Company reserves the right to make design and other changes, modifications or improvements upon its products or systems, without any obligation to install same on any previously sold or delivered products or systems. This warranty gives the purchaser specific legal rights. The purchaser may have other rights that vary from state to state.

DISPOSITION OF FREIGHT SHIPPING

Freight can be refused based on the following terms and conditions:

- Signs of Damage - It is imperative that prior to signing the Bill of Lading, check for discovered or concealed damage. Discovered damage can be evident on the outside of the box, crate, etc. Concealed damage can be found within the box/crate. Once damage is discovered, please document what you see, and if possible, take pictures to provide to our Customer Service team. Please note, signing for a damaged shipment without proper notation of damages is acknowledging that the shipment arrived undamaged. In addition, to avoid having our claim disputed, please have the truck driver call in the damaged goods to their office and provide an OS&D (Over, Short, & Damaged) claim number.
- Errors on Paperwork - The Bill of Lading should accurately represent exactly what is being shipped, the correct address, the billing party, etc. If there is an error where the shipment is being covered to the wrong address or person, you can refuse shipment.
- Duplicate Shipment - If you have received a duplicate shipment due to error on our part, you may refuse shipment.

In the event that you must refuse shipment, please contact our Customer Service team at 586.268.1220 or email csr@jomar.com.

LIMITATION OF LIABILITY

It is expressly agreed that the liability is limited and the Company does not function as an insurer. The purchaser and/or user agree that the Company is not liable for loss, harm or damage due directly or indirectly to any occurrence of consequence therefrom. If the Company should be found liable to anyone in any theory (except any express warranty where the remedy is set forth in this document) for loss, harm, or damage, the liability of the Company shall be limited to the lesser of the actual loss, harm or damage, or the original purchase price of the involved equipment, system or service when sold (or when services performed by) the Company to its customer. This liability is exclusive and regardless of cause or origin resulting directly or indirectly to person or property from:

- The performance or non-performance of any obligation set forth in this warranty and warranty policy.
- Any agreement, oral or written, including specifications, between the Company and the customer.
- Negligence, active, passive or otherwise, of the Company or any of its agents, employees, or independent contractors.
- Breach of any judicially imposed warranty or covenant and,
- Misrepresentation or strict liability involvement.

SPECIAL PRODUCTS

Special products produced to order, or products not normally stocked, are subject to a 10% overrun or underrun. Pattern equipment, tooling, etc., built for the manufacture of purchaser's products shall at all times remain in the possession of the Company. Since such equipment is made or supplied on a non-profit basis, it shall not be removed from the Company's plant except upon payment of a minimum 20% charge based on the original equipment costs to cover engineering, drafting, and handling. The Company agrees to maintain such equipment except the major repairs or replacement would be at the purchaser's expense. If no orders have been received for production for a period of eighteen months, the Company accepts no liability for the continued existence or availability of such equipment after such period. Written notification advising the customer of the expiration date will not be required of the Company.

BUYER'S PURCHASE ORDER TERMS

The terms on the purchase order shall not change, enlarge, or modify Company's liability or obligations.

SHORTAGE AND BREAKAGE

The Company's responsibility for delivery of materials sold FOB shipping point ends when the receipt is obtained from the consignor of the transportation company. It is agreed that the purchaser shall notify the Company of any shortage within five (5) days from receipt of the material. In the event of loss or damage incurred in transit, the carrier shall be responsible and claims for parts broken or lost in shipment are to be filed with the transportation company by the company.

CANCELLATION OF ORDERS

If, for any reason, the purchaser desires to cancel an order, such cancellation shall only be with written consent of the Company, and then only after payment is made to the Company for all costs incurred which shall include but not be limited to, material, labor, overhead, and reasonable profit.

RETURNS AND RESTOCKING CHARGES

Equipment may be returned to Jomar Valve at 7243 Miller Drive, Warren, Michigan 48092, only upon prior written authorization of the Company. Consent, if given, will be upon the condition the purchaser assumes all carrier charges responsibility for damages in transit, and a minimum 15% restocking charge, and then only if the so authorized material is in new and unused condition and returned within one year from the original date of shipment. All returns are issued in the form of material credit toward future purchases. The credit will be based on the original invoice price or the current price, whichever is lower, less the applicable restocking charge. In the event that an end user contacts the Company's office, we will direct them to contact their point of purchase (e.g. Wholesaler) to process any returns.

SERVICE

Unless otherwise noted herein, the cost of the equipment does not include service or installation. All services performed by the Company are subject to purchaser's payment of the Company's prevailing charges plus necessary travel and living expense.

TAXES

Any tax or taxes that may be imposed upon the goods that are the subject of this sale, or upon the sale or delivery, shall be added to and become a part of the contract price.

REGULATIONS

Every contract of sale shall be subject to all applicable state and federal statutes and regulations. The terms of this agreement shall be construed in accordance with the laws of the state of Michigan.

WARRANTY AND LIMITATIONS OF LIABILITY

Jomar Group warrants, to its initial purchaser only, that its products which are delivered to this initial purchaser will be of the kind described in the order or price list and will be free of defects in workmanship or material.

LIFETIME STEM LEAKAGE AND FIVE-YEAR BODY LIMITED WARRANTY

For Jomar Group's valves listed below, this warranty is for a lifetime period covering leakage through the stem and a five year period from the date of shipment to you, our initial purchaser, covering leakage in or on the body. This warranty applies only to the Jomar Group products listed here:

T-200CSSG	TWV-3W-KIT-G	JP-100 XLC	TB-120MFG
S-200CSSG	TWV-3W-KIT-G1	S-100-DUE	TB-130MFG
T-100CG	T-82MG	T-82-M	TB-150MFG
S-100CG	T-200CSS	T-203	175-LWN
T-100CSSG	S-200CSS	T-203DU	175-LWIN
S-100CSSG	T-100NE	T-204	125-LWN
JP-100G	S-100NE	T-204DU	125-LWN-S
JP-100G XLC	T-100SSE	T-205	125-LWN-SA
JP-100SSG	T-100SSS	TB-120G	175-LWIBP
JP-100SSG XLC	T-100FMN	TB-130G	125-LWIBP
JP-100HCG	S-100FMN	TB-150G	125-LWBP
T-100-UEG	T-100UE	TB-120MG	175-LWBP
T-100HCG	T-100STN	TB-130MG	125-LWUBP
T-100FBG	JP-100	TB-150MG	175-LWMP

ONE YEAR LIMITED WARRANTY

Jomar Group warrants all other products, to be free of defects in workmanship or material for a period of one year from the date of shipment to you, our initial purchaser.

Should any failure to conform to these warranties appear within the stated period after the date of the initial shipment to our initial purchaser, Jomar Group will, upon written notification thereof and substantiation that the goods have been stored, installed, maintained and operated in accordance with Jomar Group's recommendations and standard industry practice, correct such defects by suitable repair or replacement at Jomar Group's own expense.

This warranty is exclusive and is in lieu of any implied warranty of merchantability, fitness for a particular purpose or other warranty of quality, whether expressed or implied, except the warranty of title and against patent infringement. Correction of non-conformities, in the manner and for the period of time provided above, shall constitute fulfillment of all liabilities of Jomar Group to our initial purchaser, with respect to the goods, whether based on contract, negligence, strict tort or otherwise. It is the intention of Jomar Group that no warranty of any kind, whether expressed or implied shall pass through our initial purchaser to any other person or corporation. Limitation of liability: Jomar Group shall not under any circumstances be liable for special or consequential damages such as, but not limited to, damages or to loss of other property or equipment, loss of profits or revenue, cost of capital, cost of purchased or replacement goods, or claims of customers of our initial purchaser. The remedies of our initial purchaser, and all others, set forth herein, are exclusive, and the liability of Jomar Group with respect to same shall not, except as expressly provided herein, exceed the price of the goods upon which such liability is based.

In the event that labor reimbursement is agreed upon due to defects in workmanship or material: Jomar Group will reference relevant published industry data to determine a reimbursement value, not to exceed \$75/man-hr and maximum assigned man-hrs per valve as published.

COMPETITOR CROSS REFERENCE

BALL VALVES	JOMAR	NIBCO	APOLLO	MILWAUKEE	WATTS	LEGEND	RED WHITE	MATCO-NORCA
	T-200CSSG	T-585-80-LF	77FLF-100/77CLF-100	UPBA-400	LFB6000			
	S-200CSSG	S-585-80-LF	77FLF-200/77CLF-200	UPBA-450	LFB6001			
	T-100CG					T-1001NL	5044AB	759TLF
	S-100CG					S-1001NL	5049AB	759SLF
	T-100CSSG	T-585-66-LF	77FLF-140	UPBA-400S	LFB6001			
	S-100CSSG	S-585-66-LF	77FLF-240	UPBA-450S	LFB6001			
	JP-100G	PC-FP600A-LF	77VLF/77WLF	UPBA-100 P2		P200NL	5020AB	759PLF
	JP-100SSG	PC-585-66-LF	77LWF-140	UPBA-100S			5020ABS	
	T-422G		EPXV		LFFBV-PEX-F1960	T-1960NL	3400RAB	754PXCSELF
	T-200CSS	T-585-70	70-100/77F-100/77G-UL	BA-400	B6000			
	S-200CSS	S-585-70	70-100/77-100	BA-150	B6081			
	T-100NE					T-1001	5044F	759T
	T-100SSE	T-585-70-66	70-140	BA-400S	B6000-SS		5544S	
	T-100SSS	T-585-70-66-ST	70-140-64W	BA-400S3				
	T-100FMN	MTT585-70	70-800	BA-100-M			5581	
	T-100STN		GB-50			T-1100	5060	754DTLF
	JP-100	PC-585-70	77W	BA-100 P2		P-200	5020	
	T-82M / T-83C		94 MBV			T-800/900	5080	755/759MF
	T-CS-1001N-SS	TC-580-CS-R-66-LL	73A-100	20CSOR-N1-LL	C-FBV-1	T-730	7770	25CS
	T-CS-1000N-SS-4B	T-595-CS-R-66-LL	83-100	30CSOF-02-LL				30CS
	T-SS-1001N	T-585-S6-R-66-LL	76F-100	20SSOR-N1-LL	S-FBV-1	T-712	4880	20SS
	T-SS-1000N-4B	T-595-S6-R-66-LL	86R-100	30SSOF-02-LL		T-717	4660	30SS

BALANCING VALVES	JOMAR	NIBCO	CALEFFI	BELL AND GOSSETT	IMI	VICTAULIC	ARMSTRONG	MACON	ACORN	THERMOMEGATECH
	RECIRCSETTER™ TB-120G			TEMPSETTER		THERM ZERO			TEMPFLOW	CS
	RECIRCSETTER™ TB-130G		THERMOSETTER							CSUTD
	RECIRCSETTER™ TB-150G		THERMOSETTER							
	TBG	T/S-1805	FLO-SET	CIRCUIT SETTER	UA ZERO		CBV-LF	MB		
	TGG-FNPT	T-1810-LF	FLO-SET	CIRCUIT SETTER		TA SERIES 790		STV LOW LEAD		
	TGG-SWT	S-1810-LF	FLO-SET	CIRCUIT SETTER				STVL LOW LEAD		
	TAF LEAD FREE	T/S-1880			ICSS LEAD FREE		ICSS	AL LOW LEAD		
	TB-FNPT	T-1805	FLO-SET	CIRCUIT SETTER	UA		CBV			
	TB-SWT	S-1805	FLO-SET	CIRCUIT SETTER	UA					
	TG-FNPT	T-1810	QUICKSETTER	CIRCUIT SETTER						
	TG-SWT	S-1810	QUICKSETTER	CIRCUIT SETTER						
	TG-FLANGED	F739		CIRCUIT SETTER	VF	TA SERIES 788	CBV-GS	VF		
	TG-GROOVED				VG	TA SERIES 789	CBV-FS	VG		

	JOMAR	NIBCO	APOLLO	MILWAUKEE	WATTS	LEGEND	RED WHITE	MATCO-NORCA
BUTTERFLY VALVES	BFV-LUG (E)	LD-2022	LD141	ML134E	BF-03	T-365SS	938DEML	B5LE
	BFV-LUG (B)	LD-2122	LD141	ML134B	BF-03	T-367SS	938DNML	B5LB
	BFV-LUG (P)							
	BFV-LUG (V)	LD-2222	LD141	ML234V	BF-03			
	BFV-WAFER (E)	WD-2022	WD141	MW134E	BF-04	T-335SS	937DEML	B5WE
	BFV-WAFER (B)	WD-2122	WD141	MW134B	BF-04	T-337SS	937SNML	B5WB
	BFV-WAFER (P)							
	BFV-WAFER (V)	WD-2222	WD141		BF-04			
	HPBFV-CS-150	G1L-CSS	215L	HP1LCS				
	HPBFV-SS-150	G1L-SSS	215L	HP1LSS				
	HPBFV-CS-300	G3L-CSS	230L	HP3LCS				
	HPBFV-SS-300	G3L-SSS	230L	HP3LSS				
GATE VALVES	T-351G	T-111-LF	101T-LF	UP148				512LF
	S-351G	S-111-LF	101S-LF	UP149				512LF
	T-301G	T-113-LF	102T-LF	UP667	LFWGV	T-401NL	267AB	514TLF
	S-301G	S-113-LF	102S-LF	UP668	LFWGVs	S-401NL	268AB	514CLF
	T-301	TI-8	102T	105	WGV-X	T-401	267	514T
	S-301	SI-8	102S	115	LFWGV	S-401	268	514C
	F-351	F-619	610F	F-2882	405-NRS-RW	T-301	415	100F
	F-361	F-617-0	611F	F-2885	408-OSY-RW	T-303	421	105F
CHECK VALVES	T-511G	T-413-Y-LF	163T-LF			T-453NL	236AB	
	S-511G	S-413-Y-LF	163S-LF			S-453NL	237AB	
	T-521G	T-480-Y-LF	61LF-100	UP548T	LF600 / LF601	T-450NL	232AB	525TFL
	S-521G	S-480-Y-LF		UP1548T	LF601S	S-455NL	233AB	525CLF
	T-501G			UP509	LFWCV	T-451NL	246AB	521TLF
	S-501G			UP1509	LFWCVS	S-451NL	247AB	521CLF
	P-501G			UP969		P-451NL		
	T-511	T-413-Y	164T	515Y	CVY	T-453	236B	532T
	S-511	S-413-Y	161S	1509Y	CVYS	S-453		532C
	T-501	TI-3		509		T-451	246	521T
	S-501	SI-3		1509		S-451	247	521C
	T-550					T-750	884	60SS
	F-571	F-918-N	920F	F-2974	411	T-311	435	115F
	F-591	W-910-SS	910WB-LF	8800	ICV-125-2-2-T	T-312	442	CVC
	T-100FBG							
STRAINERS	T-651G	T221A	59-LF			T-15NL	380AB	145TLF
	S-651G	S221A	59LF-300			S-15NL	387AB	145CLF
	F-651	F-751-A	YCF		77F-DI-125	T-19	381	140F

[illegible]

