

Foot & Check Valves





Irrigation ASSOCIATION TO



PRODUCT LINE

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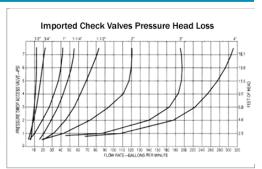


Check Valves - No Lead Brass



CHECK VALVE Features:

- NO LEAD cast brass or stainless steel body & poppet.
- Buna-N o-ring.
- Stainless steel springs, washers, locknuts.
- · Delrin poppet stem guide.
- 200 psi WOG working pressure.
- 300 lb. max hang weight (down pull) tension.
- · Individually cartoned.
- Third party certified to NSF/ANSI 372.





CVXLDNL Series

CVXLDNL Series NO LEAD BRASS Check Valves

- Rough body finish.
- Extra long at discharge end.

Part Number	Size	Ctn Qty
CVXLDNL100BS	1" x 1"	60
CVXLDNL125BS	1 1/4" x 1 1/4"	40







CVMNL-BS Series

CVMNL-BS Series NO LEAD BRASS Submersible Check Valves

- · Rough body finish.
- FPT x MPT

Part Number	Size (FPT X MPT)	Ctn Qty
CVMNL100BS	1" x 1"	60
CVMNL125BS	1" x 1 1/4"	40
CVMNL1252BS	1 1/4" x 1 1/4"	60







CVMXLNL Series

CVMXLNL Series NO LEAD BRASS Submersible Check Valves

- Rough body finish.
- Extra long body.

Part Number	Size (M X F)	Ctn Qty
CVMXLNL100BS	1" x 1"	60
CVMXLNL125BS	11/4" x 1 1/4"	40







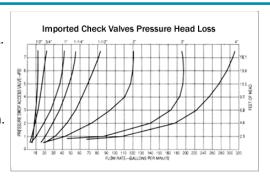


Check Valves No Lead Brass, Bronze, Stainless Steel



CHECK VALVE Features:

- · NO LEAD cast brass, bronze body & poppet.
- Buna-N o-ring.
- Stainless steel springs, washers, locknuts.
- Delrin poppet stem guide.
- 200 psi WOG working pressure.
- 300 lb. max hang weight (down pull) tension.
- Individually cartoned.
- Third party certified to NSF/ANSI 372.





CVNL-BS Series

CVNL-BS Series NO LEAD BRASS Check Valves

· Rough body finish.

Part Number	Size	Ctn Qty	
CVNL50BS	1/2"	100	
CVNL75BS	3/4"	80	
CVNL100BS	1"	60	
CVNL125BS	1 1/4"	40	
CVNL150BS	1 1/2"	30	
CVNL200BS	2"	20	
CVNL300BS	3"	6	
CVNL400BS	4"	3	







CVNL-B Series

CVNL-B Series NO LEAD BRONZE Check Valves

· Machined body finish.

Part Number	Size	Ctn Qty	
CVNL50B	1/2"	100	
CVNL75B	3/4"	80	
CVNL100B	1"	60	
CVNL125B	1 1/4"	40	
CVNL150B	1 1/2"	30	
CVNL200B	2"	20	
CVNL300B	3"	6	







- 304 cast stainless steel casting, springs, washers, lock nut.
- Viton o-ring

Part Number	Size	Ctn Qty	
SSCV50	1/2"	100	
SSCV75	3/4"	80	
SSCV100	1"	60	
SSCV125	1 1/4"	40	
SSCV150	1 1/2"	30	
SSCV200	2"	20	
SSCV300	3"	6	
SSCV400	4"	3	
SSCV1025	1" fpt x 1 1/4" mpt	60	







SSCV Series



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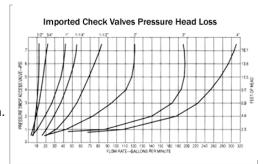


Check Valves - No Lead Brass



CHECK VALVE Features:

- NO LEAD cast brass body & poppet.
- · Buna-N o-ring.
- Stainless steel springs, washers, locknuts.
- Delrin poppet stem guide.
- 200 psi WOG working pressure.
- 300 lb. max hang weight (down pull) tension.
- Individually cartoned.
- Third party certified to NSF/ANSI 372.





CVTNL-1B Series

CVT-1B Series NO LEAD BRASS Single Tap Check Valves

• 1/8" inlet tap.

Part Number	Size	Ctn Qty
CVTNL1001BS	1"	60
CVTNL1251BS	1 1/4"	40







CVTNL-2BS Series

CVRT-2BS Series NO LEAD BRASS Double Tap Check Valves

- One 1/8" inlet tap.
- One 1/4" outlet tap.

Part Number	Size	Ctn Qty	
CVTNL1002BS	1"	60	
CVTNL1252BS	1 1/4"	40	
CVTNL1502BS	1 1/2"	30	
CVTNL2002BS	2"	20	







CVTNL-3BS Series

CVT-3B Series NO LEAD BRASS Control Center Check Valves

- One 1/8" inlet tap.
- One 1/8" and one 1/4" outlet taps.

Part Number	Size	Ctn Qty	
CVTNL1003BS	1"	60	
CVTNL1253BS	1 1/4"	40	





CVC-B Series NO LEAD BRASS Control Center Check Valves

- One 1/8" inlet tap.
- One 1/8" and two 1/4" outlet taps.

Part Number	Size	Ctn Qty	
CVCNL100BS	1"	60	
CVCNL125BS	1 1/4"	40	





CVCNL-BS Series

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No Lead Check Valves - Clayton Mark

- FOR USE IN WATER WELL SYSTEMS
- Third party certified to NSF/ANSI 372.



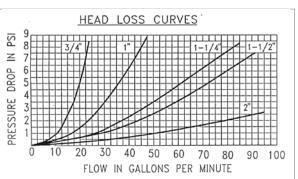






6300 No Lead Brass Check Valve Features:

- The Buna-N rubber coated poppet seals under high & low pressure applications.
- Delrin Stem Guide to improve flow.
- Self locking nut is vibration proof.
- · Stainless steel spring.
- 400 PSI rated (WOG).
- For cold water applications only.
- Hex ends for easy installation.

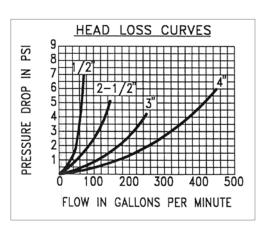


Part Number	Size	Enters Casing	Ctn Qty
6300-3/4	3/4"	1-1/2"	48
6300-1	1"	2"	35
6300-11/4	1-1/4"	2-1/2"	24
6300-11/2	1-1/2"	3"	20
6300-2	2"	3-1/2"	12



5300 No Lead Brass Check Valve Features:

- Highly finished no lead brass body with a flat seated poppet to withstand increased water pressure for a continuous period of time.
- 400 PSI (W.O.G.)
- For cold water applications only.
- Corrosion resistant, stainless steel poppet core on 5300-1/2".
- No Lead Brass poppet on 5300-2 1/2, 3 & 4".
- Not suitable for all types of oil and gas.
- Heavy hex ends for easy installation.



NO LEAD	Leaded			
Part Number	Part Number	Size	Enters Casing	Ctn Qty
5300-1/2		1/2"	1-1/2"	48
5300-21/2		2-1/2"	5"	1
5300-3	L5300-3 *	3"	6"	1
5300-4	L5300-4 *	4"	8"	1

* Valve is leaded bronze. Do not use for potable water.













FVNL-BS Series

FVNL-B Series



FVNL-B Series



SSFV Series

FOOT VALVE Features:

- NO LEAD Cast Brass, bronze or stainless steel body & poppet.
- Buna-N o-ring (Viton on stainless steel).
- Stainless steel springs, washers, locknuts and strainers.
- 200 psi WOG working pressure.
- · Individually cartoned.
- Third party certified to NSF/ANSI 372.

FVNL Series LEAD FREE BRASS Foot Valves

· Rough body finish.

Part Number	Size	Enters Pipe	Ctn Qty
FVNL50BS	1/2"	1 1/4"	100
FVNL75BS	3/4"	1 1/2"	80
FVNL100BS	1"	2"	60
FVNL125BS	1 1/4"	2 1/2"	40
FVNL150BS	1 1/2"	3"	30
FVNL200BS	2"	3 1/2"	20
FVNL300BS	3"	5"	8
FVNL400BS	4"	-	4

FV-B Series NO LEAD BRONZE Foot Valves

Part Number	Size	Enters Pipe	Ctn Qty
FVNL50B	1/2"	1 1/4"	100
FVNL75B	3/4"	1 1/2"	80
FVNL100B	1"	2"	60
FVNL125B	1 1/4"	2 1/2"	40
FVNL1251B	1 1/4"	2"	50
FVNL150B	1 1/2"	3"	30
FVNL200B	2"	3 1/2"	20
FVNL300B	3"	5"	8
FVNL400B	4"	-	4



Part Number	Size	Enters Pipe	Ctn Qty
FVNL100125B	1" FPT x 1 1/4"MPT	2"	60

SSFV Series STAINLESS STEEL Foot Valve Features:

- 304 Stainless steel casting, spring, washer, locknut, strainer
- · Viton o-ring

Part Number	Size	Enters Pipe	Ctn Qty
SSFV50	1/2"	1 1/4"	100
SSFV75	3/4"	1 1/2"	80
SSFV100	1"	2"	60
SSFV125	1 1/4"	2 1/2"	40
SSFV150	1 1/2"	3"	30
SSFV200	2"	3 1/2"	20
SSFV300	3"	5"	8
SSFV400	4"	-	4

















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No Lead Check Valves - Clayton Mark

- FOR USE IN WATER WELL SYSTEMS
- Third party certified to NSF/ANSI 372.









6300-4 No Lead Brass Four Hole Control Center

- 1/8"-27NPS tapping on inlet side for snifter valve.
- 1/4"-18NPS tapping on outlet side for pressure gauge.
- 1/4"-18NPS tapping on outlet side for pressure switch.
- 1/8" tapping on outlet side for drain(1/8" brass plug furnished).

Part Number	Size	Ctn Qty
63004-1	1"	35
63004-11/4	1-1/4"	30



6302 No Lead Brass Submersible Check Valves

• Fits directly on pump discharge.

Part Number	Size (mpt x fpt)	Ctn Qty
6302-11/4x1	1-1/4" x 1"	30
6302-11/4x11/4	1-1/4" x 1-1/4"	30
6302-2x2	2" x 2"	12
6302-3x3	3" x 3"	1
6302-4x4	4" x 4"	1



479 No Lead Brass BREMER CHECK VALVES

- Non corrosive no lead brass with tapered seat and poppet with Perma-Kleen facing for positve seal.
- Uses a tapered rubber packer to seal in the well bore.

Part Number	Size	Ctn Qty
8669A	2"	12
8034C	2" Rubber Check Packer	







No Lead Check Valves - Clayton Mark

- FOR USE IN WATER WELL SYSTEMS
- Third party certified to NSF/ANSI 372.









6300-1 No Lead Brass One Hole Control Center

- 1/8"-27NPS tapping on inlet side for snifter valve.
- NOTE: 2-1/2 inch size has the 5300 poppet design.

Part Number	Size	Ctn Qty
63001-1	1"	35
63001-11/4	1-1/4"	30
63001-11/2	1-1/2"	20
63001-2	2"	12



6300-2 No Lead Brass Two Hole Control Center

- 1/8"-27NPS tapping on inlet side for snifter valve.
- 1/4"-18NPS tapping on outlet side for pressure switch.
- NOTE: 4 inch has the 5300 poppet design.

Part Number	Size	Ctn Qty
63002-1	1"	35
63002-11/4	1-1/4"	30
63002-11/2	1-1/2"	20
63002-2	2"	12



63000218 No Lead Brass Two Hole Control Center

• Two 1/4"-18NPS tappings on outlet side.

Part Number	Size	Ctn Qty
6300218-1	1"	35
6300218-11/4	1-1/4"	30



6300-3 No Lead Brass Three Hole Control Center

- 1/8"-27NPS tapping on inlet side for snifter valve.
- 1/4"-18NPS tapping on outlet side for pressure switch.
- 1/4"-18NPS tapping on outlet side for pressure gauge.

Part Number	Size	Ctn Qty
63003-1	1"	35
63003-11/4	1-1/4"	30



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American

Granby



No Lead Check Valves - Simmons

- FOR USE IN WATER WELL SYSTEMS
- * Silicon bronze components contain less than 0.05% (1/20 of 1%) lead.





LF5100 Series Silicon Bronze LEAD FREE* check valves

- Silicon bronze cast body and poppet..
- Buna-N o-ring, stainless steel spring, washer and lock nut.
- 400 PSI (WOG working pressure).
- Made in U.S.A.

Part Number	Simmons	Size	Ctn Qty
LF5100-1/2	501SB	1/2"	50
LF5100-3/4	502SB	3/4"	50
LF5100-1	503SB	1"	50
LF5100-1LT	513SB	1" w/ Longer Threads	50
LF5100-11/4	504SB	1 1/4"	36
LF5100-11/2	505SB	1 1/2"	24
LF5100-2	506SB	2"	16
LF5100-21/2	507SB	2 1/2"	1
LF5100-3	508SB	3"	1
LF5100-4	509SB	4"	1
LF5100-5	510SB	5" w/ MPT both ends	1
LF5100-6	511SB	6"	1



LF5100A Series Silicon Bronze LEAD FREE* check valves

- Sames as 5100 Series plus:
- 1/8" single inlet tapping.
- Made in U.S.A.

Part Number	Simmons	Size	Ctn Qty
LF5100A3/4	521SB	3/4"	50
LF5100A1	522SB	1"	50
LF5100A11/4	523SB	1 1/4"	36
LF5100A11/2	524SB	1 1/2"	24
LF5100A2	525SB	2"	16
LF5100A21/2	526SB	2 1/2"	1
LF5100A3	527SB	3	1
LF5100A4	528SB	4	1



LF5100B Series Silicon Bronze LEAD FREE* Check Valves

- Sames as 5100 Series plus:
- With 1/8" Inlet Tapping, 1/4" Outlet Tappings.
- · Made in U.S.A.

Part Number	Simmons	Size	Ctn Qty
LF5100B3/4	541SB	3/4"	50
LF5100B1	542SB	1"	50
LF5100B11/4	543SB	1 1/4"	36
LF5100B11/2	544SB	1 1/2"	24
LF5100B2	545SB	2"	16
LF5100B21/2	546SB	2 1/2"	1
LF5100B3	547SB	3	1
LF5100B4	548SB	4	1









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No Lead Foot Valves - Clayton Mark

- FOR USE IN WATER WELL SYSTEMS
- Third party certified to NSF/ANSI 372.









6340 SERIES No Lead Brass Foot Valves

- 400 PSI rating. (W.O.G.)
- Tapered ABS strainer.
- Corrosion resistant, stainless steel core with exclusive cup shape.
- For cold water applications only.
- · Jam proof delrin stem guide.

Part Number	Size	Enters Casing	Ctn Qty
6340-3/4	3/4"	1-1/2"	48
6340-1	1"	2"	35
6340-11/4	1-1/4"	2"	30
6340-11/2	1-1/2"	3"	20
6340-2	2"	3-1/2"	12



5340 SERIES No Lead Brass Foot Valves

- No. 8 perforated stainless steel screen strainer.
- 400 PSI rating.
- Corrosion resistant, stainless steel core with exclusive cup shape.
- For cold water applications only.

Part Number	Size	Enters Casing	Ctn Qty
5340-3/4	3/4"	1 1/4"	48
5340-1	1"	1 1/2"	35
5340-11/4	1 1/4"	2"	24
5340-11/2	1 1/2"	2 1/2"	20
5340-2	2"	3 1/2"	12



5330 Series No Lead Brass Foot Valves

- No 8 perforated stainless steel strainer.
- Heavy hex end.

NO LEAD	Leaded			
Part Number	Part Number	Size	Enters Casing	Ctn Qty
5330-21/2		2-1/2"	5"	1
5330-3	L5330-3 *	3"	6"	1
5330-4		4"	6"	1

^{*} Valve is leaded bronze. Do not use for potable water.



American Granby





- FOR USE IN WATER WELL SYSTEMS
- * Silicon bronze components contain less than 0.05% (1/20 of 1%) lead.





5000S Series Silicone Bronze Foot Valve Features:

- Silicon bronze cast body and poppet.
- Stainless steel perforated screen.
- Specify LFN5000S 1-1/4 special valve for 2" ID casing.
- 400 PSI working pressure
- Made in U.S.A.

Part Number	Simmons	Size	Ctn Qty
LF5000S3/4	452SB	3/4"	60
LF5000S1	453SB	1"	60
LFN5000S11/4	404SB	1 1/4"	36
LF5000S11/4	455SB	1 1/4"	36
LFS5000S11/4	454SB	1 1/4"	36
LF5000S11/2	456SB	1 1/2"	24
LF5000S2	457SB	2"	12
LF5000S21/2	458SB	2 1/2"	1
LF5000S3	459SB	3"	1
LF5000S4	460SB	4"	1



LF4000 Series SILICON BRONZE Dual Purpose Foot Valve Features:

- Same as LF5000S Series plus:
- Dual purpose foot valve. Threaded inside and outside.
- Made in U.S.A.

Part Number	Simmons	Size (F x M)	Ctn Qty
LF4000-3/4 x 1	456SB	3/4" x 1"	1
LF4000-1 x 11/4	466SB	1" x 1 1/4"	1



- Same as LF5000S Series plus:
- Full flow suction strainer.
- · Made in U.S.A.



Part Number	Simmons	Size	Diameter	Length	Ctn Qty
LF50S3/4	490SB	3/4"	1 3/8"	3 3/4"	1
LF50S1	491SB	1"	1 3/4"	4 3/4"	1
LF50S11/4	492SB	1 1/4"	2 5/16"	5 1/4"	1
LF50S11/2	493SB	1 1/2"	2 1/2"	6 5/16"	1
LF50S2	494SB	2"	3 1/8"	7 3/16"	1
LF50S21/2	495SB	2-1/2"	4"	9 3/8"	1
LF50S3	496SB	3"	4 5/8"	9 1/2"	1
LF50S4	497SB	4"	6"	13 7/8"	1





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- FOR USE IN WATER WELL SYSTEMS
- * Silicon bronze components contain less than 0.05% (1/20 of 1%) lead.





LF5100C Series Silicon Bronze LEAD FREE* Control Center

• Made in U.S.A.

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Part Number	Simmons	Size	Inlet Tap	Outlet Tap	Ctn Qty
LF5100C1	601SB	1"	1/8" (1)	1/4" (2)	1
LF5100C11/4	602SB	1 1/4"	1/8" (1)	1/4" (2)	1
LF5100C11/2	603SB	1 1/2"	1/8" (1)	1/4" (2)	1
LF5100C2	604SB	2"	1/8" (1)	1/4" (2)	1
LF5101C1	606SB	1"	-	1/4" (2)	1



LF5100D Series Silicon Bronze LEAD FREE* submersible Check Valves

- Installation between pump and column pipe.
- Made in U.S.A.



Part Number	Simmons	Size (FxM)	Ctn Qty
LF5100D1x1	616SB	1"x1"	1
LF5100D1x1LT	610SB	1"x1" w/ longer threads	1
LF5100D1x11/4	617SB	1"x1 1/4"	1
LF5100D11/4x11/4	618SB	1 1/4"x1 1/4"	1



LF6700 Series DUCTILE IRON LEAD FREE* Check Valve

- Ductile iron body STEMMED
- Silicon bronze poppet and stainless steel spring and nut.
- Non toxic paint.
- For use with large submersible pumps.
- Made in U.S.A.

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Part Number	Simmons	Size	Pipe	Ctn Qty
LF6700-1	653SB	1"	1 7/8"	1
LF6700-11/4	654SB	1 1/4"	2 5/16"	1
LF6700-11/2	655SB	1 1/2"	2 5/8"	1
LF6700-2	680SB	2"	3 1/4"	1
LF6700-3	670SB	3"	4 1/8"	1
LF6700-4	671SB	4"	5 5/8"	1
LF6700-6	672SB	6"	7 5/8"	1



LF7000 Series Silicone Bronze LEAD FREE* Pressure Regulator Valve

- · Silicon bronze cast body.
- · Adjustable bronze cylinder control
- For deep well pumps.
- Positive o-ring seat.
- PT series with pressure line tapping.
- Made in U.S.A.

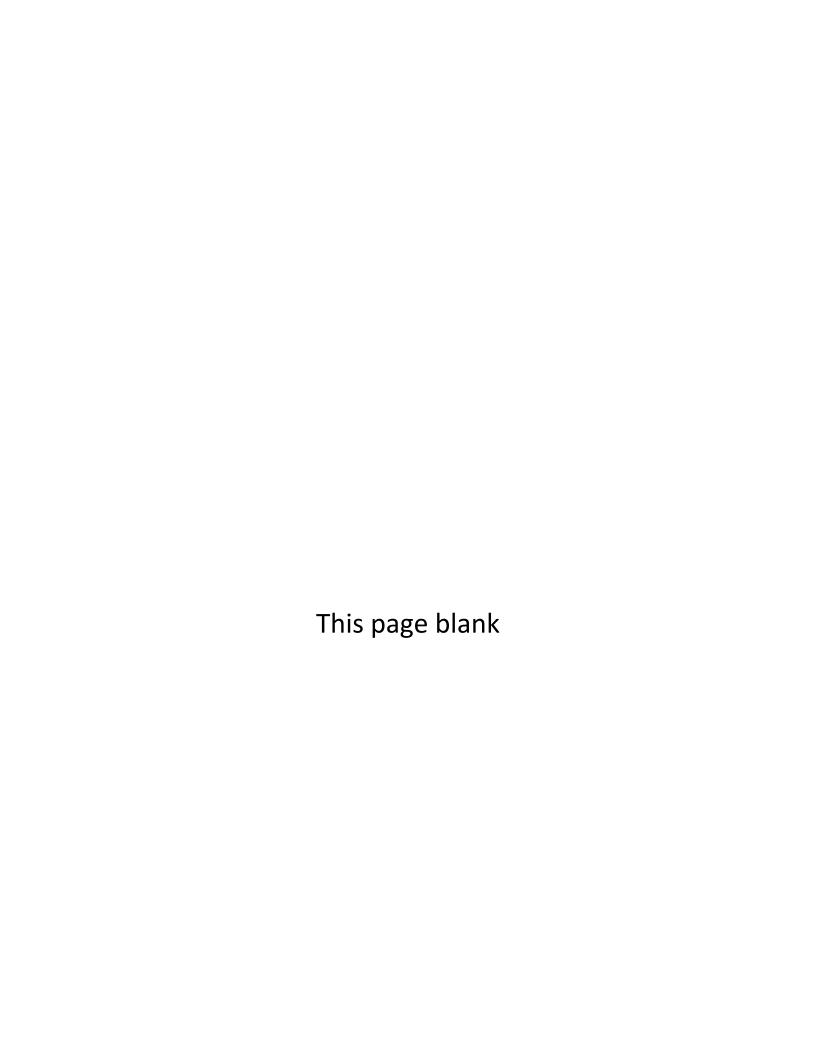
Part Number	Simmons	Size	Line Tap	Ctn Qty
LF7000-3/4	730SB	3/4 x 3/4 x 3	/4" -	1
LF7000PT1	731SB	1 x 1 x 1"	1/8"	1



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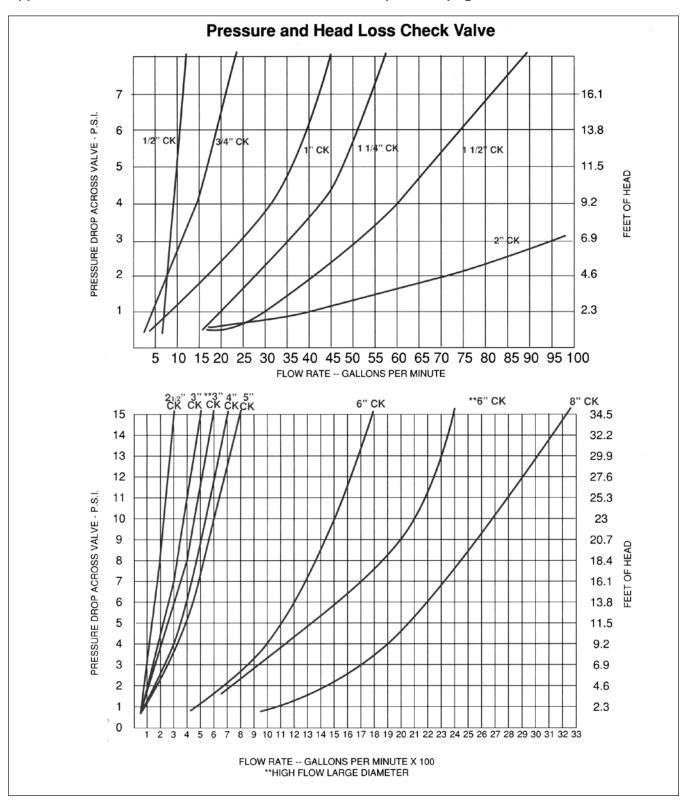
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Applies to all Simmons LF5100 Series check valves on previous pages







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Foot Valves Cast Iron, Steel Suction Strainer



5400 Series

Cast Iron Foot Valve Features:

- Available in painted red finish.
- Includes neoprene flapper check to maintain prime.
- For use in drainage on construction sites, irrigation projects, pumping from ponds or streams.



	Valve	Flapper
Part Number	Size	OD Size
PAINTED RED		
5400-1	1"	2 1/2"
5400-11/4	1-1/4"	2 3/4"
5400-11/2	1-1/2"	3 1/4"
5400-2	2"	4 1/4"
5400-21/2	2-1/2"	5"
5400-3	3"	5 3/4"
5400-4	4"	7"
5400-5	5"	9"



5400 Series Complete Repair Kits

- Single kit to repair both painted and galvanized versions.
- · Replacement strainers available in galvanized finish only.
- · Contains all components required to replace inner flapper assembly.
- Includes valve weight, neoprene flapper, sealing washer, bolt, washer and nut.

Replacement Parts for 5400 Series Foot Valves						
	LEATHER		NEOPRENE		COMPLETE REPAIR KIT	
Valve	FLAPPER ONLY		FLAPPER ONLY		(w/ neoprene flapper)	
Size	Part No.	List Price	Part No.	List Price	Part No.	
1"	5400-1LR	\$ 6.80			CIRK100	
1 1/4"	5400-11/4LR	7.94			CIRK125	
1 1/2"	5400-11/2LR	8.65	8367C	6.09	CIRK150	
2"	5400-2LR	12.36	8367D	8.65	CIRK200	
2 1/2"	5400-21/2LR	13.16	8367E	9.21	CIRK250	
3"	5400-3LR	18.45	8367F	21.91	CIRK300	
4"	5400-4LR	45.83	8367G	31.88	CIRK400	
5"	5400-5LR	61.08	-	-	CIRK500	
6"	5400-6LR	75.16	8367J	52.56	CIRK600	
8"	5400-8LR	117.64	8367K	71.91	CIRK800	



FLAT STEEL ROUND HOLE STRAINERS

- General purpose strainer, zinc plated to prevent corrosion.
- 16 gauge steel.

Part Number	Pipe Size	Hole Size	Height	Diameter	Ctn Qty
8800B	2"	.375"	4"	6"	20





NO LEAD

LEAD-FREE

NO LEAD

LEAD-FREE

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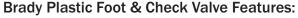


FV441

HARVARD Four in One Plastic Foot Valve

- Positive sealing spring loaded valve poppet closes against a smooth tapered seat.
- · Corrosion resistant nylon body and internals.
- · Self cleaning design for continuous positive sealing.
- Large screen designed to assure smooth water passage and better suction.
- Tapered screen eliminates pipe joint hang-ups during installation.
- Fits four pipe sizes., 3/4" through 1 1/2".
- Third party certified to NSF/ANSI 372.

Part Number	Size	Ctn Qty
FV441	3/4" through 1 1/2"	100



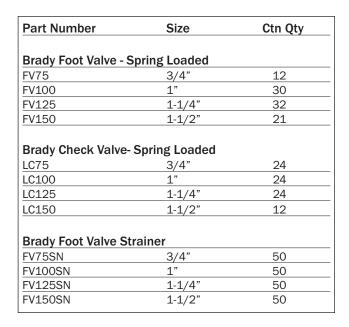
- "Nose Cone" diffuser reduces friction.
- 50% greater water flow.
- Acetal copolymer construction.
- Non-electrolytic, non-corrosive.
- Spring loaded, 316 stainless steel
- BUNA-N seal
- Pressure max: 175 psi
- Temperature max: 180 F
- LC check valve, FPT x FPT
- Third party certified to NSF/ANSI 372.



LC Series



FV SN Series





HARVARD









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Ctn Qty

20

20

20

15

15



PVC Spring Check Valve Features:

- To stop backflow and syphoning.
- All water applications.
- Maintenance free operation.
- Tapered valve body design & enlarged valve chamber reduces chatter & turbulence.
- Raised radius valve seat, EPDM Seal for positive seal.
- Stainless steel spring load of 1/2 lb. or 2 lb.
- · Solvent weld or male and female thread connections.
- 200 P.S.I. static pressure rating @ 72° F.
- Excess sovent cement trap Designed to help prevent excess cement or softened material from entering into the body and sealing area during installation.

Part Number

1001-05

1001-07

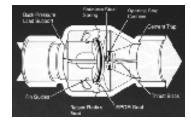
1001-10

1001-12

1001-15

NSF61 Annex G approved.









NSF61 Annex G

1001, 1011, 1012 Series

		1	RT2	11-
A 100	THE REAL PROPERTY.		1 25	AE
1	1			
	2	1		

1011C Series

Annex G

NSF61
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1001-20	2"	7"	10
PVC Spring Ch	eck Valves (slip x slip)		
1011-05	1/2"	4-/18"	20
1011-07	3/4"	4-1/8"	20
1011-10	1"	5-1/4"	20
1011-12	1-1/4"	6-3/16	15
1011-15	1-1/2"	6-3/16"	15
1011-20	2"	7"	10
1011-25	2 1/2"		8

Body Length

4-1/8"

4-1/8"

5-1/4"

6-3/16"

6-3/16"

IPS Size

1/2"

3/4"

1-1/4"

1-1/2"

1"

PVC Spring Check Valves (fipt x fipt)

TOTT TO	± ±/ =	0 0/ ±0	
1011-20	2"	7"	10
1011-25	2 1/2"		8
1011-30	3"		8
Clear			
1011C-15	1-1/2"	6-3/16"	10
1011C-20	2"	7"	10

NSF61 Annex G

PVC Spring Check Valve, (slip x slip)				
1012-10	1"	20		
1012-12	1-1/4"	15		
1012-15	1-1/2"	15		
1012-20	2"	10		

Foot Valve Scre	en		
1800-07	3/4"	2-2/5"	1
1800-10	1"	2-4/5"	1
1800-12	1-1/4"	3"	1
1800-15	1-1/2"	3-2/5"	1
1800-20	2"	3-4/5"	1



1800 Series



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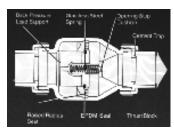
PVC True Union Spring Check Valve Features:

- Designed for easy body removal.
- Tail pieces remain in place.
- 1/2 lb. psi spring tension. 2 lb. spring tension available by special order.
- EPDM seal and o-rings.
- 200 P.S.I. static pressure rating @ 72° F.
- · Stainless steel spring.
- Excess solvent cement trap.
- · NSF approved.

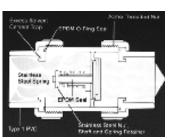












1790 Series



NSF61 Annex G

1700 Series



1700C Series



1790 Series



1790C Series

	Part Number	Description	Body Length	Ctn Otv
			<u> </u>	• .
	True Union Spring Cl	heck Valves - WHITE		1/2# Spring Tension
4	1700-15	11/2" spring check	8.345"	12
	1700-20	2" spring check	9.735"	12
	Tours Hoster Construct Of	h - \/ - O - A -		4 /O# Control Tomaion
		heck Valves - CLEAF		1/2# Spring Tension
	1700C-15	11/2" spring check	8.345"	12
	1700C-20	2" spring check	9.735"	12
	Compact True Union	Spring Check Valve	s - WHITE	1/2# Spring Tension
	1790-15	11/2" compact valve	6.54"	15
	1790-20	2" compact valve	7.35"	10
	Compact True Union	Spring Check Valve	s - CLEAR	1/2# Spring Tension
	1790C-15	11/2" compact valve		15
	1790C-20	2" compact valve	7.35"	10





Ctn Qty



PVC Adjustable Spring Check Valve Features:

- Use to restrain pressure in elevated pipelines.
- · Ideal for preventing syphoning.
- Male or female threaded connection.
- 200 psi static pressure rating @ 72°F.
- Adjustable from 5 lb to 15 lb spring tension to retain a column of water 12 to 36 foot head.

Part Number

- · EPDM seal.
- NSF61 Annex G approved.









1205 Series

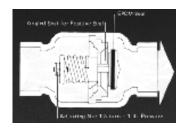
NSF61

Annex G



1235 Series

NSF61 Annex G



	PVC Adjustable Spri	ng Check Valves	(fipt x fipt)	
ì	1205-05	1/2"	4-1/8"	20
	1205-07	3/4"	4-1/8"	20
	1205-10	1"	5-1/4"	20
	1205-12	1-1/4"	6-3/16"	15
	1205-15	1-1/2"	6-3/16"	15
ì	PVC Adjustable Spri	ng Check Valves	(fipt x mipt)	
	1235-05	1/2"	4-1/8"	20
	1235-07	3/4"	4-1/8"	20
	1235-10	1"	5-1/4"	20

Body Length

IPS Size

PVC SUMP CHECK Valve Features:

- Positive seal with long lasting EPDM weighted flapper and Buna-N gaskets.
- · Easy installation and removal with compression seal connections. No hose clamps, cementing or threading necessary
- Allows 1 3/4" vertical movement of discharge pipe for easy removal of pump.
- Unitized body construction using spin welded process with permanent interlock of Buna-N flapper.
- Valve fits either 1 1/4" or 1 1/2" IPS size. Gaskets for both provided with each valve.
- · Sump pumps with larger volume output use 1500 or 1520 series swing check. (see next page)
- Rated at 125 psi @ 72°F.



SUMP CHECK	SUI	MP (CHE	CK
------------	-----	------	-----	----

Part Number	IPS Size	Body Length	Ctn Qty	
PVC Sump Check Valve				
BUNA-N gaskets are included for both the 1 1/4" and 1 1/2" applications				
SUMP CHECK	1-1/4"-1-1/2"	5 1/4"	12	







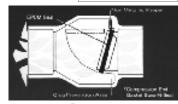




PVC Swing Check Valve Features:

- No metalic parts, corrosion resistant...
- Full flow design.
- Angle seat and weighted flapper designed for low pressure seal.
- PVC weighted and shielded flapper will retain backpressure up to 125 psi.
- Iron pipe sized 1/2" 4".
- Compression style for IPS sized plastic or metal pipe 1 1/4" 3"
- Ideal for close working areas, easy pipe alignment.
- Compression ends can be used as union connections.
- Designed for both horizontal and vertical use.
- Pressure rated 125 psi @ 72°F.
- · NSF approved.













NSF61 Annex G

1500 Series



NSF61 Annex G

1520 Series



1520C Series



1720 Series



1720C Series

			ANSI-NSF 61 Anne	x G
Part Number	IPS Size	Body Length	Ctn Qty	
PVC Swing Chec	k Valve - WHITE	comp x comp		
1500-12	1-1/4"	7-1/2"	12	
1500-15	1-1/2"	7-1/2"	12	
1500-20	2"	9-3/4"	12	
1500-30	3"	14"	2	
PVC Swing Chec	k Valve - CLEAR c	omp x comp		
1500C-15	1-1/2"	7-1/2"	5	
1500C-20	2"	9-3/4"	8	
PVC Swing Chec	k Valve - WHITE	slip x slip		
1520-05	1/2"	4-1/2"	25	
1520-07	3/4"	4-1/2"	25	
1520-10	1"	5-1/8"	25	
1520-12	1-1/4"	5-1/4"	12	
1520-15	1-1/2"	5-3/4"	12	
1520-20	2"	6"	12	
1520-30	3"	9"	4	
1520-40	4"	9-1/2"	4	•

5-1/8"

5 1/4"

5 3/4"

True Union Swing Check Valves - CLEAR BODY, WHITE NUTS/TAILS slip x slip

1

1

12

12

12

12

20

12

12

20





PVC Swing Check Valve - CLEAR slip x slip

1-1/4"

1-1/2"

True Union Swing Check Valves - WHITE slip x slip

11/2"

1"

3"

11/2"

1520C-10

1520C-12

1520C-15

1520C-20

1720-15

1720-20

1720C-10

1720C-15

1720C-20

1720C-30

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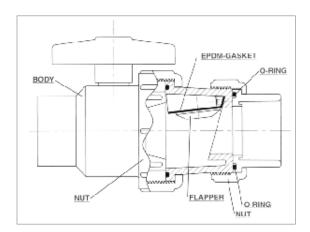
2200 Series



2200 Series Checkmate Features:

- One piece ball/check valve combination.
- Save time, labor and hassle to applications requiring in-line ball valves and check valves.
- True union or compression design allows for removal of check valve for cleaning or repairs.
- Rates at 125 psi. May be installed in vertical or horizontal position.
- Made of PVC type 1 grade 1 material meeting ASTM-D1784.





Part Number	Description	Ctn Qty
2200-15	1 1/2" Union x Slip	12
2200-20	2" Union x Slip	12
2200-15TU	1 1/2" Union x Union	12
2200-20TU	2" Union x Union	12
2200-15UC	1 1/2" Compression x Compression	12
2200-20UC	2" Compression x Compression	12







Diverter Valves, Sch 40 White Unions

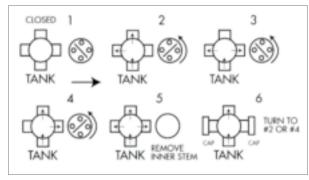




575 Series

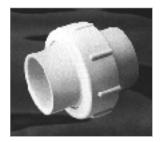
Diverter Valve Features:

- For septic tank leach fields.
- Made of tough molded plastic that will not shatter, bend, rust or corrode.
- Light in weight, easier to handle and less expensive to ship.
- Stem flow may be controlled to individual or up to 3 fields in any combination. With a 3-way stem, flow may be diverted to any two outlets. To allow flow through all outlets, the valve stem may be removed from the assembly.
- ABS is IAPMO listed.



Part Number	Description	Ctn Qty
575	4" ABS Diverter Valve, Black	4
575P	4" PVC Diverter Valve, White	4





1600 Series



Part Number	IPS Size	Ctn Qty
SCHEDULE 4	O - MADE IN USA	
1600-15	1 1/2" Socket both ends, 2" spigot one end	24
1600-20	2" Socket both ends, 2 1/2" spigot one end	20







Check Valves - PVC Spa, By-Pass



1050 Series

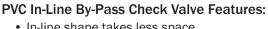


1095 Series

NO LEAD

PVC Spa Air Valve Features:

- Drip proof seal at low pressure.
- 1 1/2" IPS deep socket connection with 2" IPS OD spigot
- Excess solvent cement trap at base of socket to help prevent solvents from entering sealing area.
- Minimum restriction of air flow, using 1/4 lb. spring resulting in less burden on blower motor.
- · Domed shaped seat for even air flow.
- · EPDM seal.
- · Stainless steel spring.
- NSF approved.



- In-line shape takes less space.
- Raised valve seat prevents excess cement of solvent from affecting the seal area.
- Poppet is equipped with EPDM seal.
- Body is made of Type 1 PVC.
- All metal parts are stainless steel.
- Valve stem is reinforced w/ full length stainless steel shaft.
- Static pressure tested: 150 psi @ 72°F. Back pressure tested at 150 psi.
- Quick burst test proves in excess of 500 psi
- 2" iron pipe size
- Valve can be used on 1-1 1/2" pipe by use of a PVC Sch 40 bushing.
- Begins to open 5 lbs Fully open 17 lbs.
- NSF61 Annex G approved.

CPVC 90° Spring Check Valve Features:

- · Use in pool, spa applications.
- CPVC body with corrosion proof poppet.
- Spring made of 302 stainless.
- Available with 1 lb. or 3 lb. spring tension.
- · NSF approved.





1901/1903 Series

Part Number	IPS Size	Body Length	Ctn Qty
PVC Spa Air Valve	- 1-1/2" ips socl	ket / 2" ips o.d. spigot	
1050-20	2"	5-1/8"	12
PVC In Line By-Pa 1095-20	ss Check Valve 2" w/ 5# sprin	g 5"	12
	, ,	stainless steel poppet	
1901-15	1 1/2" check \	valve, 1 lb. tension	12
1903-15	1 1/2" check valve, 3 lb. tension		12
1901-20	2" socket x 2 1/2" spigot valve, 1 lb. tension		12
1903-20	1" socket x 2 1	1/2" spigot valve, 3 lb. tension	12



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Valves - PVC Single Union, 3-way CPVC



1350 Series

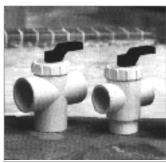


PVC Single Union Ball Valve Features:



- PVC Type 1 construction for compatibility in joining rigid PVC and flex vinyl pipes.
- Buna "N" O-Ring seal; HDPE seats.
- 1-1/4 deep sockets on both ends for extra cementing surface area.
- · Acme thread on assembly nut prevents cross threading.
- Tee handle for quarter turn on/off with stops.
- Working pressure: 150 PSI at 72°F, 100 PSI at 120°F.
- · Threaded or socket.
- · Made in USA.

Part Number	Threaded/Socket	Size	Ctn Qty	
1350-15	Socket	1-1/2"	12	
1350-20	Socket	2"	6	_
1351-15	Threaded	1-1/2"	12	



1930 Series



CPVC Three-Way Valve Features:

- For pool & spa applications.
- Made of CPVC plastic
- Diverts water anywhere diversion is required.
- Positive seal diverter prevents reverse flow.
- Diverter seals are made of a special lubricated EPDM material
- Available 1 1/2" 2" slip with 2" and 2 1/2" spigot.
- Rated at 160° F, 125 PSI

1

Part		
Number	Description	Ctn Qty
1930-15	1 1/2" slip x 2" spigot	12
1930-20	2" slip x 2 1/2" spigot	12





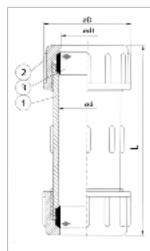




MA	MATERIAL SPECIFICATIONS				
# Part Material					
1	Body	UPVC, CPVC			
2	Compression Nut	UPVC, CPVC			
3	Gasket - PVC	NR			
	Gasket - CPVC	EPDM			

PVC Compressing Coupling Features:

- Iron Pipe Size (PVC), Copper Tube Size (CPVC)
- For use with cold water (PVC) or hot water (CPVC-CTS)
- Natural rubber gasket seals
- Rated at 200 psi at 70°F
- Imported



"PC" Series	"PC" Series IPS DIMENSIONS (IN.)					
SIZE	D	d	d1	L		
1/2"	1.85	.91	.83	5.24		
3/4"	2.09	1.18	1.04	5.32		
1"	2.40	1.42	1.31	5.75		
1 1/4"	2.87	1.81	1.65	6.30		
1 1/2"	3.15	2.05	1.89	6.89		
2"	3.62	2.56	2.37	7.87		
2 1/2"	4.53	2.52	2.87	9.92		
3"	5.28	3.62	3.49	10.87		
4"	6.34	4.65	4.49	11.93		
6"	8.78	6.85	6.62	11.22		
"HW" Series	CTS DIN	MENSION	IS (IN.)			
1/2"	1.30	.71	.63	4.49		
3/4"	1.85	.95	.88	5.00		

Part Number	Material	Size	Case Qty
PC10-1/2	PVC	1/2" IPS	100
PC10-3/4	PVC	3/4" IPS	90
PC10-1	PVC	1" IPS	60
PC10-11/4	PVC	1 1/4" IPS	40
PC10-11/2	PVC	1 1/2" IPS	30
PC10-2	PVC	2" IPS	20
PC10-21/2	PVC	2 1/2" IPS	10
PC10-3	PVC	3" IPS	4
PC10-4	PVC	4" IPS	2
PC10-6	PVC	6" IPS	2
HW10CTS1/2	CPVC	1/2" CTS	20/360
HW10CTS3/4	CPVC	3/4" CTS	20/240



SW Series

Part Number	For Use with Coupling Sizes	Ctn Qty
Adjustable Strap	Wrench	
SW400	1/2" through 4"	10/60
SW600	1/2" through 6"	10/60









Compression Fittings, Galvanized

Galvanized Long Pattern Compressing Fitting Features:

- Bodies made of steel tubing. (GC 10), malleable iron (GC10C)
- End nuts made of malleable iron.
- Galvanized finish
- Buna-N gaskets on domestic fittings.
- SBR gaskets on GC10C series.
- Maximum rated service temperature for gaskets: 212 °F (100° C).

WARNING: Designer and/or contractor must provide suitable anchoring of piping to prevent pull-out from fittings when applications subject piping to external forces such as ground shift and temperature variations that cause linear pipe contraction.

Recommended Maximum Pressure (PSI)					
Size	Torque Anchored				
	Ft. Lbs	Piping			
1/2"	150	150			
3/4"	150	150			
1"	225	100			
1-1/4"	225	100			
1-1/2"	225	100			
2"	300	75			



GC10C Series



Coupling GC10C - Long Pattern - Imported - Malleable Iron, 125 PSI, 120° F				
Part Number	Size	Pipe O.D.	Ctn/Case Qty	
GC10C1/2	1/2"	.840	30 / 60	
GC10C3/4	3/4"	1.050	25 / 50	
GC10C1	1"	1.315	15 / 30	
GC10C11/4	1-1/4"	1.660	12 / 24	
GC10C11/2	1-1/2"	1.900	9 / 18	
GC10C2	2"	2.375	14	



GC10 Series

Coupling GC10 - Made in U.S.A Steel Tube				
Part Number	Size	Pipe O.D.	Ctn Qty	
GC10-1/2	1/2"	.840	12	
GC10-3/4	3/4"	1.050	12	
GC10-1	1"	1.315	12	
GC10-11/4	1-1/4"	1.660	6	
GC10-11/2	1-1/2"	1.900	6	
GC10-2	2"	2.375	6	



GC12 Series

Adapters GC12 - Made in U.S.A Steel Tube					
Part Number	Size	Pipe O.D.	Ctn Qty		
GC12-1/2	1/2"	.840	12		
GC12-3/4	3/4"	1.050	12		
GC12-1	1"	1.315	12		
GC12-11/4	1-1/4"	1.660	6		
GC12-11/2	1-1/2"	1.900	6		
GC12-2	2"	2.375	6		







Repair Clamp Features:

- Pipe repair clamps eliminate the need for costly pipe replacement for simple leaks.
- Non-corrosive clamp band is made of annealed stainless steel.
- Nuts and bolts are cadmium plated with a chromate finish; heavy duty hex nut with washer.
- Lugs are made of annealed, malleable iron for maximum strength and permanence; iron phosphate finish.
- Neoprene gasket with maximum rated service temperature of 212° F (100°C).
- Imported





Straight through bolt pull on lugs gives more uniform pressure on the band, more pressure on pipe with less torque on nut.



Oval lug opening in band won't tear - no corners to rip out as with square hole.



Lugs above pipe level don't pull into pipe. Gives more tension on band - more sealing power yet won't crush pipe.



Band covers lead edge of lug. Equal pressure across entire band. No friction - no cutting into pipe surface by raw edge of band opening.

	Nominal	IPS	CTS	Ctn
Part Number	Pipe Size	Pipe O.D.	Tube O.D.	Qty
3" Wide, 1 Bolt		-		
HRC3-3/8	3/8"	.675	.625	6/72
HRC3-1/2	1/2"	.840	.875	6/72
HRC3-3/4	3/4"	1.050	1.125	6/72
HRC3-1	1"	1.315	1.375	6/72
HRC3-11/4	1 1/4"	1.660	1.625	6/72
HRC3-11/2	1 1/2"	1.900		6/72
HRC3-2	2"	2.375		6/72
HRC3-21/2	2 1/2"	2.875		6/48
HRC3-3	3"	3.50		6/48
HRC3-4	4"	4.50		6/24
6" Wide, 2 Bolts				
HRC6-1/2	1/2"	.840	.875	6/56
HRC6-3/4	3/4"	1.050	1.125	6/56
HRC6-1	1"	1.315	1.375	6/56
HRC6-11/4	1 1/4"	1.660	1.625	6/56
HRC6-11/2	1 1/2"	1.900		6/56
HRC6-2	2"	2.375		6/56
HRC6-21/2	2 1/2"	2.875		6/24
HRC6-3	3"	3.50		6/24
HRC6-4	4"	4.50		6/24





