

Phillips®

REFRIGERATION

VALVES • VESSELS • SYSTEMS • CONTROLS

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LP-082817
 Effective August 28, 2017
 Supercedes all previous List Prices

LIST PRICES WITH SIZES & MODEL NUMBERS

All prices shown are U.S. dollars and are subject to change without notice.
 All prices shown are F.O.B. factory.

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Please consult factory for pricing on the following products:
 Oil Pots, Level Eye® Columns, ASME Pressure Vessels, Liquid Return Systems,
 Gas Pressure Recirculation Systems, Mechanical Pump Recirculation Systems,
 PUR Air Purgers and Anhydrator System Cleaners

**LEVEL EYE®
(LIQUID LEVEL SIGHT GLASSES)**

REF: BULLETIN VB-17E-01

Square-End Weld Housings						Threaded Housings - 1-1/2" MPT					
Part No. w/Reflex Lens	Length In.	List Price	Part No. w/Clear Lens	Length In.	List Price	Part No. w/Reflex Lens	Length In.	List Price	Part No. w/Clear Lens	Length In.	List Price
1100-R	2"	\$131	1100	2"	\$146	1100AT-R	3"	\$170	1100AT	3"	\$185
1100-RN	2"	\$163	1100-N	2"	\$178	1100AT-RN	3"	\$202	1100AT-N	3"	\$217
1100-RNX	2"	\$179	1100-NX	2"	\$194	1100AT-RNX	3"	\$218	1100AT-NX	3"	\$233
1100A-R	3"	\$148	1100A	3"	\$163	1100T-R	4"	\$195	1100T	4"	\$210
1100A-RN	3"	\$180	1100A-N	3"	\$195	1100T-RN	4"	\$227	1100T-N	4"	\$242
1100A-RNX	3"	\$196	1100A-NX	3"	\$211	1100T-RNX	4"	\$243	1100T-NX	4"	\$258
1100L-R	4"	\$171	1100L	4"	\$186	1100V-R †	2"	\$328	1100V †	2"	\$343
1100L-RN	4"	\$203	1100L-N	4"	\$218	1100V-RN †	2"	\$360	1100V-N †	2"	\$375
1100L-RNX	4"	\$219	1100L-NX	4"	\$234	1100V-RNX †	2"	\$376	1100V-NX †	2"	\$391

Stainless Steel, Square-End Weld Housing					
Part No. w/Reflex Lens	Length In.	List Price	Part No. w/Clear Lens	Length In.	List Price
1100S-R	2"	\$331	1100S	2"	\$346
1100S-RN	2"	\$363	1100S-N	2"	\$378
1100S-RNX	2"	\$379	1100S-NX	2"	\$394
1100LS-R	4"	\$407	1100LS	4"	\$422
1100LS-RN	4"	\$439	1100LS-N	4"	\$454
1100LS-RNX	4"	\$455	1100LS-NX	4"	\$470

Saddle-Milled Weld Housing					
Part No. w/Reflex Lens	Length In.	List Price	Part No. w/Clear Lens	Length In.	List Price
1100C-R	2"	\$141	1100C	2"	\$156
1100C-RN	2"	\$173	1100C-N	2"	\$188
1100C-RNX	2"	\$189	1100C-NX	2"	\$204
1100LC-R	4"	\$182	1100LC	4"	\$197
1100LC-RN	4"	\$214	1100LC-N	4"	\$229
1100LC-RNX	4"	\$230	1100LC-NX	4"	\$245

† 2" MPT

NOTE: Specify refrigerant type when ordering Level Eyes to ensure material compatibility

LEVEL EYE TORQUE TOOL (Stainless Steel, fits 1/2" drive)	
Part No.	List Price
LEVELEYETOOL	\$155

NOTE: Teflon gaskets are available for all Level Eyes. Add \$47 list

LEVEL EYE TAP (For chasing worm/crossed threads)	
LEVEL EYE TAP*	\$1,000
* Also available for lease - contact factory	

INJECTORS (LIQUID RECIRCULATING) REF: BULLETIN VB-17E-01	
Injector No.	List Price
2020SL	\$414
2100SL	\$536
210SLD	\$948
2075WCB	\$724
2100WCB	\$755
2100WCB A	\$755
2125WA	\$738
2150WA	\$935
2200WA	\$1,763
2250WA	\$2,530

FLOAT SWITCHES (SS Chamber)	
Part No.	List Price
SLL	\$994
SLLLE*	\$1,492
REPLACEMENT SWITCH ASSY	
SLLSW†	\$525
INTERNAL FLOAT SWITCH	
HAP85	\$1,500

*Level Eye welded on chamber
†includes DIN connection

FILTERS/STRAINERS REF: BULLETIN VB-17E-01		
Filter Number	List Price	w/IPS flanges*
510-1/2" FPT angle	\$202	-
510-3/4" FPT angle	\$202	-
575-3/4" FPT angle	\$409	-
575-1" FPT angle	\$409	-
575-1-1/4" FPT angle	\$409	-
S701JRP, 1/2" or 3/4"	\$232	\$302
S701, 1"	\$255	\$360
S701A, 2"	\$675	\$810
S701B, 3"	\$1,129	\$1,304

*ODC flanges are also available. Consult factory for pricing

ORDERING INSTRUCTIONS:

1. Injector Number
2. Nozzle & throat size
3. Refrigerant
4. Inlet pressure & temperature
5. Suction temperature
6. Load (tons)
7. Application

GAUGES 1/4" MPT, LIQUID FILLED	
AMMONIA, w/TEMP SCALE	
30"-150 psi, 2-1/2" Dia.	
88-020	\$91
30"-300 psi, 2-1/2" Dia.	
88-021	\$91
30"-150 psi, 4" Dia.	
88-024	\$139
30"-300 psi, 4" Dia.	
88-025	\$139
GENERIC, NO TEMP SCALE	
30"-150 psi, 2-1/2" Dia.	
88-026	\$125
30"-400 psi, 2-1/2" Dia.	
88-027	\$125

NOTES:

1. 510 and 575 filters are zinc plated.
2. The S701 filters mate with series 700 and 701 valves. Gasket, Nuts & Bolts included.
3. Flanges: Socket Weld standard, threaded available except for S701B. Gaskets, Nuts & Bolts included.

FLANGES						
REF: BULLETIN VB-17E-01						
Size	Socket Weld		Threaded		Weld Neck	
	Part No.	List Price	Part No.	List Price	Part No.	List Price
1/2" oval	4-MS or 4-FS	\$31	4-MT or 4FT	\$37	N/A	-
3/4" oval	6-MS or 6-FS	\$31	6-MT or 6FT	\$37	N/A	-
1" oval	8-MSO or 8-FSO	\$31	8-MTO or 8-FTO	\$37	N/A	-
1" sq.	8-MS or 8-FS	\$47	8-MT or 8-FT	\$53	N/A	-
1-1/4" sq.	10-MS or 10-FS	\$47	10-MT or 10FT	\$53	10-MW or 10-FW	\$119
1-1/2" sq.	12-MS or 12-FS	\$59	12-MT or 12-FT	\$71	12-MW or 12-FW	\$141
2"sq.	16-MS or 16-FS	\$59	16-MT or 16-FT	\$71	16-MW or 16-FW	\$153
2-1/2" sq.	20-MS or 20-FS	\$73	N/A	-	20-MW or 20-FW	\$181
3" sq.	24-MS or 24-FS	\$77	N/A	-	24-MW or 24-FW	\$212
4" sq.	32-MS or 32-FS	\$90	N/A	-	32-MW or 32-FW	\$265
5" rd.	40-MS or 40-FS	\$239	N/A	-	40-MW or 40-FW	\$443
5" rd. York	40-MSY or 40-FSY	\$249	N/A	-	40-MWY or 40-FWY	\$453
6" rd.	48-MS or 48-FS	\$265	N/A	-	48-MW or 48-FW	\$507
6" rd. York	48-MSY or 48-FSY	\$276	N/A	-	48-MWY or 48-FWY	\$518
8" rd.	64-MS or 64-FS	\$434	N/A	-	64-MW or 64-FW	\$584
10" rd.	80-MS or 80-FS	\$702	N/A	-	80-MW or 80-FW	\$993

ORDERING INSTRUCTIONS:

1. Flange Connection Type
2. Flange Size
3. Male or Female

FLANGED UNIONS						
REF: BULLETIN VB-17E-01						
Size	Socket Weld		Threaded		Weld Neck	
	Part No.	List Price	Part No.	List Price	Part No.	List Price
1/2" oval	U-4S	\$70	U-4T	\$82	N/A	-
3/4" oval	U-6S	\$70	U-6T	\$82	N/A	-
1" oval	U-8SO	\$70	U-8TO	\$82	N/A	-
1" sq.	U-8S	\$105	U-8T	\$118	N/A	-
1-1/4" sq.	U-10S	\$105	U-10T	\$118	U-10W	\$250
1-1/2" sq.	U-12S	\$131	U-12T	\$154	U-12W	\$294
2"sq.	U-16S	\$135	U-16T	\$158	U-16W	\$322
2-1/2" sq.	U-20S	\$162	N/A	-	U-20W	\$383
3" sq.	U-24S	\$175	N/A	-	U-24W	\$444
4" sq.	U-32S	\$209	N/A	-	U-32W	\$559
5" rd.	U-40S	\$517	N/A	-	U-40W	\$927
5" rd. York	U-40SY	\$537	N/A	-	U-40WY	\$947
6" rd.	U-48S	\$571	N/A	-	U-48W	\$1,055
6" rd. York	U-48SY	\$593	N/A	-	U-48WY	\$1,077
8" rd.	U-64S	\$925	N/A	-	U-64W	\$1,225
10" rd.	U-80S	\$1,487	N/A	-	U-80W	\$2,069

ORDERING INSTRUCTIONS:

1. Union Connection Type
2. Union Size

WATER TESTING APPARATUS		
REF: BULLETIN ANW-SB17-01		
Part No.	Description	List Price
ANH-MS	Moisture Sampling Flask, graduated 100ml capacity	\$144
ANH-AS	Sampling stand kit, incl. (1) ANH-MS, stand, feed/vent assy, storage case	\$900

**SERIES 700H PILOT OPERATED VALVES WITH
SERIES 275AP FIXED LEVEL PILOT FLOAT VALVES**

REF: BULLETIN VB-17E-01

Valve Number	Flange Conns.. IPS-THD. or Socket, ODC (copper connectors)	Pilot Operated 700H Valve Zinc Plated (Standard)			add for Weld Neck Flanges	Model 275AP and 275APF Fixed Level Pilot Float Valve Zinc Plated (Standard)			add for Pilot Line Kit (See note)
		with Flanges	w/ Flanged Strainer	Valve Only		with Cast Ch.	with Steel Ch.	Valve Only	

FOR USE WITH AMMONIA (R717)

700JRH	1/2", 3/4"*	\$934	\$1,166	\$864	\$145	\$804	\$1,797	\$505	\$192
700XH	1", 1 1/4"	\$1,033	\$1,288	\$928	\$145	\$804	\$1,797	\$505	\$192
700AXH	1 1/2", 2"	\$1,567	\$2,243	\$1,432	\$187	\$804	\$1,797	\$505	\$192
700BXH	3" **	\$2,434	\$3,563	\$2,259	\$269	\$804	\$1,797	\$505	\$192

FOR USE WITH HALOCARBONS

700JRHF	1/2", 3/4"* (IPS)	\$934	\$1,166	\$864	\$145	\$918	\$1,911	\$619	\$192
	1 1/8", 1 3/8" (ODC)	\$1,094	\$1,326	\$864	N/A	\$918	\$1,911	\$619	\$192
700XHF	1", 1 1/4" (IPS)	\$1,033	\$1,288	\$928	\$145	\$918	\$1,911	\$619	\$192
	1 5/8" (ODC)	\$1,216	\$1,471	\$928	N/A	\$918	\$1,911	\$619	\$192
700AXHF	1 1/2", 2" (IPS)	\$1,567	\$2,243	\$1,432	\$187	\$918	\$1,911	\$619	\$192
	2 1/8" (ODC)	\$1,724	\$2,400	\$1,432	N/A	\$918	\$1,911	\$619	\$192
700BXHF	3" (IPS)**	\$2,434	\$3,563	\$2,259	\$269	\$918	\$1,911	\$619	\$192
	3 1/8" (ODC)	\$2,719	\$3,848	\$2,259	N/A	\$918	\$1,911	\$619	\$192

NOTE: Pilot Line Kit available for R717: **PLK-700H-A \$191 LIST**

*Available with 1" threaded flanges, add **\$12 LIST**

For halocarbons: **PLK-700H-F \$237 LIST**

** Socket weld or weld neck only

Kit includes 1/4" angle valve, gauge valve, and pressure gauge

ORDERING INSTRUCTIONS:

FOR FACTORY SELECTION ASSISTANCE, ADVISE:

- | | |
|----------------------------------|-------------------------|
| For Pilot Valve: | For Pilot Float Valve: |
| 1. Pilot Operated Valve Number | 1. Orifice Size |
| 2. Orifice Size | 2. Chamber requirements |
| 3. Metering Plug | |
| 4. Spring | |
| 5. Flange Size, Type | |
| 6. Strainer (if required) | |
| 7. Serial Number, if replacement | |

1. Refrigerant
2. Upstream and downstream pressures
3. Capacity
4. Degrees liquid subcooling

**HIGH SIDE FLOAT VALVES
SERIES 270A
REF: BULLETIN VB-17E-01**

Valve Number	Valve w/ Chamber		Valve Only (Zinc Plated)
	Cast	Steel	
FOR USE WITH AMMONIA (R717)			
270A	\$777	\$1,770	\$478
270AX	\$1,292	\$2,285	\$993
270AY	\$1,739	\$2,732	\$1,440
270AZAZ	N/A	N/A	\$698
FOR USE WITH HALOCARBONS			
270AF	\$777	\$1,770	\$478
270AXF	\$1,292	\$2,285	\$993
270AYF	\$1,739	\$2,732	\$1,440
MOUNTING FLANGE (FOR SERIES 270A) 2-1/2" SOCKET WELD			
Flange Number		List Price	
298A*		\$118	

**HIGH SIDE CONTROL PACKAGE
700H & 275AP VALVES W/ ACCESSORIES**

Control Package	Standard Items*	with Pressure Regulator and extra Service Valves
FOR USE WITH AMMONIA (R717)		
RC-050	\$3,995	\$4,819
RC-075	\$4,033	\$4,881
RC-100	\$4,212	\$5,060
RC-125	\$4,361	\$5,209
RC-150	\$5,596	\$6,444
RC-200	\$5,809	\$6,885
RC-250	\$6,302	\$7,942
RC-300	\$8,026	\$9,938
RC-400	\$8,492	\$10,980

* Includes (1) 275AP valve and steel chamber with Level Eye, chamber, pilot line kit, 700H valve, service valves, and hand expansion valve. See Bulletin WP-17E-01.

ORDERING INSTRUCTIONS:

Same as above for Pilot Valve and Pilot Float Valve.

**THREE-WAY VALVES
SERIES 3000
REF: BULLETIN VB-17E-01**

Valve Number	List Price (Zinc Plated)
3000N-3/4"	\$2,078
3000AN-1-1/4"	\$2,884

NOTE: Optional Pilot Light Coil, Add \$38

ORDERING INSTRUCTIONS:

1. Voltage
2. Hertz

**CHECK VALVES: IN-LINE DISC TYPE
SERIES 600**

REF: BULLETIN VB-17E-01

Valve Number	Flange Conn's. I.P.S.; THD. or Socket	Valve w/ Flanges	add for Weld Neck Flanges	Valve Only
CAST BODY - TYPE FORMERLY MANUFACTURED BY WOLF LINDE				
600JR	1/2", 3/4", 1"	\$216	\$145	\$146
600J	1/4" 1 1/2"	\$312	\$163	\$181
600AJ	1 1/2", 2"	\$459	\$187	\$324
600BJ*	3"	\$846	\$269	\$671
600DJ*	4"	\$1,251	\$350	\$1,042
ALL STEEL BODY				
600K*	1", 1 1/4"	\$391	\$145	\$286
600AK*	1 1/2", 2"	\$508	\$187	\$373

* Gravity drain - add suffix 'S' if Heavy Spring is required (e.g. 600AKS).

ORDERING INSTRUCTIONS:

1. Valve Number
2. Flange Size, Type
2. Flange Size and Type

**CHECK VALVES: IN-LINE PISTON TYPE, FLANGED
SERIES 700X**

REF: BULLETIN VB-17E-01

Valve Number	Flange Connections: IPS Threaded or Socket; ODC Copper	Valve w/ IPS Flanges	add for Weld Neck Flanges	Valve W/ ODC Flanges	Valve Only (Zinc Plated as Standard)	Close-Coupled Strainer Option*
700JRX	1/2", 3/4" (IPS) 1 1/2", 1 3/4" (ODC)	\$444	\$145	\$604	\$374	S701JR
700X	1", 1 1/4" (IPS) 1 3/4" (ODC)	\$567	\$145	\$750	\$462	S701
700AX	1 1/2", 2" (IPS) 2 1/2" (ODC)	\$858	\$187	\$1,015	\$723	S701A
700BX	3" (IPS) 3 1/2" (ODC)	\$1,265	\$269	\$1,550	\$1,090	S701B

*Close-coupled strainers available. See page 2 for strainer pricing

ORDERING INSTRUCTIONS:

1. Valve Number
2. Spring Differential (2, 5, 10, 20, 35, 50, 60, and 70 lbs.)
3. Flange Size and Type
4. Valve Serial Number, if Replacement

**CHECK VALVES, GAS POWERED (PILOT OPERATED)
(GAS POWER TO CLOSE - SPRING TO OPEN)
SERIES 700S**

REF: BULLETIN VB-17E-01

Valve Number	Flange Connections: IPS Threaded or Socket; ODC Copper	Valve w/ IPS Flanges	add for Weld Neck Flanges	Valve w/ ODC Flanges	Valve Only (Zinc Plated as Standard)	Close-Coupled Strainer Option*
700JRS	1/2", 3/4" (IPS) 1 1/8", 1 3/8" (ODC)	\$512	\$145	\$672	\$442	S701JR
700XS	1", 1 1/4" (IPS) 1 3/8" (ODC)	\$629	\$145	\$812	\$524	S701
700AXS	1 1/2", 2" (IPS) 2 3/8" (ODC)	\$934	\$187	\$1,091	\$799	S701A
700BXS	3" (IPS)** 3 3/8" (ODC)	\$1,322	\$269	\$1,607	\$1,147	S701B

*Close-coupled strainers available. See page 2 for strainer pricing

** 3" Flanges not available threaded

ORDERING INSTRUCTIONS:

1. Valve Number
2. Flange Size, Type

NOTE: No spring requirement necessary to order

**CHECK VALVES: THREE WAY
(SPRING TO OPEN - GAS FLOW TO ACTUATE)
SERIES 700T**

REF: BULLETIN CV-700-T-67

Valve Number	Flange Connections: IPS Threaded or Socket; ODC Copper	Valve w/ IPS Flanges	add for Weld Neck Flanges	Valve w/ ODC Flanges	Valve Only (Zinc Plated as Standard)	Close-Coupled Strainer Option*
700XT	1", 1 1/4" (IPS) 1 3/8" (ODC)	\$702	\$145	\$885	\$597	S701
700AXT	1 1/2", 2" (IPS) 2 3/8" (ODC)	\$1,186	\$187	\$1,343	\$1,051	S701A
700BXT	3" (IPS)** 3 3/8" (ODC)	\$1,836	\$269	\$2,121	\$1,661	S701B

*Close-coupled strainers available. See page 2 for strainer pricing

** 3" Flanges not available threaded

ORDERING INSTRUCTIONS:

1. Valve Number
2. Flange Size and Type

**LOW SIDE FLOAT VALVES
FIXED LEVEL - DIRECT FEED
(INTERNAL MOUNT)
SERIES 300H**
REF: BULLETIN VB-17E-01

Valve Number	List Price (Zinc Plated)	Valve Number	List Price (Zinc Plated)
FOR USE WITH AMMONIA (R717)		FOR USE WITH HALOCARBONS	
300H	\$836	300HF	\$911
300HD	\$855	300HDF	\$930
300HM	\$859	300HMF	\$934
300HMD	\$878	300HMDF	\$953
300A	\$1,108	300AF	\$1,118
300AM	\$1,146	300AMF	\$1,156

Note: Valves can be applied as pilots for Series 701 Pilot Operated Valves. Add \$1094 for 398A Steel Chamber

**LOW SIDE FLOAT VALVES
FIXED LEVEL - REMOTE FEED
(INTERNAL MOUNT)
SERIES 301H**
REF: BULLETIN VB-17E-01

Valve Number	List Price (Zinc Plated)
FOR USE WITH AMMONIA (R717)	
301H	\$1,543
301A	\$1,562
FOR USE WITH HALOCARBONS	
301HF	\$1,616

**LOW SIDE FLOAT VALVES
FIXED LEVEL - REMOTE FEED
(EXTERNAL MOUNT)
SERIES 301E**
REF: BULLETIN VB-17E-01

Valve Number	Valve Only (Zinc Plated)	Valve w/ Chamber
FOR USE WITH AMMONIA (R717)		
301E	\$838	\$1,932
301G	\$1,003	\$2,097
301J	\$1,199	\$2,293
301K	\$1,238	\$2,332
FOR USE WITH HALOCARBONS		
301EF	\$922	\$2,016
301GF	\$1,034	\$2,128
301JF	\$1,230	\$2,324

**MOUNTING FLANGES
(FOR SERIES 300 & 301)**

Flange Number	List Price
399 (3" F.P.T.)	\$124
300WF3 (3" S.W.)	\$155

OIL FLOAT VALVES

**LOW SIDE OIL FEED VALVE
(FOR ALL REFRIGERANT OILS)
SERIES 275**
REF: BULLETIN VB-17E-01

Valve Number	Valve w/Chamber		Valve Only (Zinc Plated)
	Cast	Steel	
275AF	\$769	\$1,762	\$470

MOUNTING FLANGE 2-1/2" SOCKET WELD

Flange Number	List Price
298A	\$118

ORDERING INSTRUCTIONS:

1. Valve Number
2. Orifice Size
3. With or without chamber
4. Mounting flanges #298A (if required)
5. Valve Serial Number, if replacement

**HIGH SIDE OIL DRAIN VALVE
(FOR ALL REFRIGERANT OILS)
SERIES 270A**
REF: BULLETIN VB-17E-01

Valve Number	Valve w/Chamber		Valve Only (Zinc Plated)
	Cast	Steel	
270A	\$777	\$1,770	\$478

MOUNTING FLANGE 2-1/2" SOCKET WELD

Flange Number	List Price
298A	\$118

Note: Standard orifice is 3/32" and will operate with a pressure drop of 250 PSI maximum.

**LOW SIDE FLOAT VALVES
(ADJUSTABLE LEVEL - REMOTE FEED)
SERIES 101**

REF: BULLETIN VB-17E-01

Valve Number	Valve Only (Zinc Plated)	Valve w/ Chamber
FOR USE WITH AMMONIA (R717)		
101	\$1,509	\$3,194
101A	\$1,677	\$3,684
FOR USE WITH HALOCARBONS		
101F	\$1,572	\$3,258
101AF	\$1,886	\$3,893

+ See below for ordering instructions

**PILOT OPERATED VALVE WITH
LOW SIDE ADJUSTABLE LEVEL PILOT FLOAT VALVES**

REF: BULLETIN VB-17E-01

FOR USE WITH AMMONIA (R717)										
701S Pilot Operated Valve								101 Pilot Float Valve		
Pilot Operated Valve	Series 701 Port	Strainer	Available Connections	with Flanges	w/ Flanged Strainer	Valve Only (Zinc Plated)	add for W.N. Flgs.	Valve and Orifice Size (in.)	with Chamber	Valve Only (Zinc Plated)
			IPS - Thd. or Socket, ODC (Copper Connectors)							
701JRS	3/8", 9/16"	S701JR	1/2", 3/4" *	\$976	\$1,208	\$906	\$145	101VP18 - 3/32"	\$3,194	\$1,509
701S	9/16", 23/32"	S701	1", 1 1/4"	\$1,075	\$1,330	\$970	\$145	101VP18 - 3/32"	\$3,194	\$1,509
701AS	7/8", 23/32"	S701A	1 1/2", 2"	\$1,666	\$2,341	\$1,531	\$187	101VP26 - 1/8"	\$3,684	\$1,677
701BS	1 1/4"	S701B	3" (SW or WN)	\$3,131	\$4,260	\$2,956	\$269	101VP26 - 5/32"	\$3,684	\$1,677
701BXS	1 9/16"	S701B	4" (Weld Neck)	\$3,498	\$4,626	\$3,289	N/A	101VP26 - 3/16"	\$3,684	\$1,677

FOR USE WITH HALOCARBONS										
701S Pilot Operated Valve								101 Pilot Float Valve		
Pilot Operated Valve	Series 701 Port	Strainer	Available Connections	with Flanges	w/ Flanged Strainer	Valve Only (Zinc Plated)	add for W.N. Flgs.	Valve and Orifice Size (in.)	with Chamber	Valve Only (Zinc Plated)
			IPS - THD. or Socket, ODC (Copper Connectors)							
701JRFS	3/8", 9/16"	S701JR	1/2", 3/4" (IPS) *	\$976	\$1,208	\$906	\$145	101VPF18 - 3/32"	\$3,258	\$1,572
			1 1/8", 1 3/8" (ODC)	\$1,136	\$1,368	\$906	N/A		\$3,258	\$1,572
701SF	9/16", 23/32"	S701	1", 1 1/4"	\$1,075	\$1,330	\$970	\$145	101VPF18 - 3/32"	\$3,258	\$1,572
			1 5/8" (ODC)	\$1,258	\$1,513	\$970	N/A		\$3,258	\$1,572
701ASF	7/8", 23/32"	S701A	1 1/2", 2" (IPS)	\$1,666	\$2,341	\$1,531	\$187	101VPF26 - 1/8"	\$3,893	\$1,886
			2 1/8" (ODC)	\$1,823	\$2,498	\$1,531	N/A		\$3,893	\$1,886
701BSF	1 1/4"	S701B	3" (IPS) SW or WN	\$3,131	\$4,260	\$2,956	\$269	101VPF26 - 5/32"	\$3,893	\$1,886
			3 1/8" (ODC)	\$3,416	\$4,545	\$2,956	N/A		\$3,893	\$1,886
701BXS	1 9/16"	S701B	4" (Weld Neck)	\$3,498	\$4,626	\$3,289	N/A	101VPF26 - 3/16"	\$3,893	\$1,886

*Available with 1" threaded flanges, add \$12 LIST

NOTE: Pilot Line Kit available for R717: PLK-701S-A, \$495; for Halocarbons: PLK-701S-F, \$355

Kits include 1/4" FPT Solenoid Valve & Angle Valve, Pressure Gauge and Gauge Valve.

ORDERING INSTRUCTIONS:

For Pilot Operated Valve:

- Pilot Operated Valve Number
- Orifice Size
- Metering Plug
- Spring
- Flange Size, Type
- Strainer (if required)
- Valve Serial No., if replacement

For Pilot Float Valve:

- Float Valve Number
- Orifice Size
- Left or Right hand +
- Chamber requirements
- Valve Serial No., if replacement

For Pilot Kit:

- Voltage
- Hertz

FOR FACTORY SELECTION ASSISTANCE, ADVISE:

- Refrigerant
- Upstream and downstream pressures
- Capacity
- Degrees liquid subcooling

+ Left Hand Flow (LHF): Arrow ← on Valve Body

+ Right Hand Flow (RHF): Arrow → on Valve Body

**LOW SIDE FLOAT VALVES
FIXED LEVEL - REMOTE FEED
(EXTERNAL MOUNTING)
SERIES 301E**

REF: BULLETIN VB-17E-01

Valve Number	Valve Only (Zinc Plated)	Valve w/ Chamber
FOR USE WITH AMMONIA (R717)		
301E	\$838	\$1,932
301G	\$1,003	\$2,097
301J	\$1,199	\$2,293
301K	\$1,238	\$2,332
FOR USE WITH HALOCARBONS		
301EF	\$922	\$2,016
301GF	\$1,034	\$2,128
301JF	\$1,230	\$2,324

**PILOT OPERATED VALVE WITH
LOW SIDE FIXED LEVEL PILOT FLOAT VALVE**

REF: BULLETIN VB-17E-01

FOR USE WITH AMMONIA (R717)												
701S Pilot Operated Valve								301 Pilot Valve				
Pilot Operated Valve	Series 701 Port	Strainer	Available Connections		with Flanges	w/ Flanged Strainer	Valve Only (Zinc Plated)	add for W.N. Flgs.	Pilot Float Valve	Pilot Valve Orifice	301 Pilot Valve	
			IPS - THD. or Socket, ODC (Copper Connectors)								with Chamber	Valve Only (Zinc Plated)
701JRS	3/8", 9/16"	S701JR	1/2", 3/4" *		\$976	\$1,208	\$906	\$145	301E	3/32", 1/8"	\$1,932	\$838
701S	9/16", 23/32"	S701	1", 1 1/4"		\$1,075	\$1,330	\$970	\$145	301E	3/32", 1/8"	\$1,932	\$838
701AS	7/8", 23/32"	S701A	1 1/2", 2"		\$1,666	\$2,341	\$1,531	\$187	301E	1/8"	\$1,932	\$838
701BS	1 1/4"	S701B	3" (SW or WN)		\$3,131	\$4,260	\$2,956	\$269	301G	5/32"	\$2,097	\$1,003
701BXS	1 9/16"	S701B	4" (Weld neck)		\$3,498	\$4,626	\$3,289	N/A	301J	3/16"	\$2,293	\$1,199

FOR USE WITH HALOCARBONS

FOR USE WITH HALOCARBONS												
701S Pilot Operated Valve								301 Pilot Valve				
Pilot Operated Valve	Series 701 Port	Strainer	Available Connections		with Flanges	w/ Flanged Strainer	Valve Only (Zinc Plated)	add for W.N. Flgs.	Pilot Float Valve	Pilot Valve Orifice	301 Pilot Valve	
			IPS - THD. or Socket, ODC (Copper Connectors)								with Chamber	Valve Only (Zinc Plated)
701JRSF	3/8", 9/16"	S701JR	1/2", 3/4" (IPS) *		\$976	\$1,208	\$906	\$145	301EF	3/32", 1/8"	\$2,016	\$922
			1 1/8", 1 3/8" (ODC)		\$1,136	\$1,368	\$906	N/A			\$2,016	\$922
701SF	9/16", 23/32"	S701	1", 1 1/4" (IPS)		\$1,075	\$1,330	\$970	\$145	301EF	3/32", 1/8"	\$2,016	\$922
			1 5/8" (ODC)		\$1,258	\$1,513	\$970	N/A			\$2,016	\$922
701ASF	7/8", 23/32"	S701A	1 1/2", 2" (IPS)		\$1,666	\$2,341	\$1,531	\$187	301EF	1/8"	\$2,016	\$922
			2 1/8" (ODC)		\$1,823	\$2,498	\$1,531	N/A			\$2,016	\$922
701BSF	1 1/4"	S701B	3" (IPS) SW or WN		\$3,131	\$4,260	\$2,956	\$269	301GF	5/32"	\$2,128	\$1,034
			3 1/8" (ODC)		\$3,416	\$4,545	\$2,956	N/A			\$2,128	\$1,034
701BXSF	1 9/16"	S701B	4" (Weld Neck)		\$3,498	\$4,626	\$3,289	N/A	301JF	3/16"	\$2,324	\$1,230

*Available with 1" threaded flanges, add \$12 LIST NOTE: Pilot Line Kit available for R717: PLK-701S-A, \$495; for Halocarbons: PLK-701S-F, \$355

Kits include Solenoid Valve, Angle Valve, Pressure Gauge and Gauge Valve.

ORDERING INSTRUCTIONS:

For Pilot Operated Valve:

- Pilot Operated Valve Number
- Orifice Size
- Metering Plug
- Spring
- Flange Size, Type
- Strainer (if required)
- Valve Serial No., if replacement

For Pilot Float Valve:

- Float Valve Number
- Orifice Size
- Chamber requirement
- Valve Serial No., if replacement

For Pilot Kit: 1. Voltage 2. Hertz

FOR FACTORY SELECTION ASSISTANCE, ADVISE:

- Refrigerant
- Upstream and downstream pressures
- Capacity
- Degrees liquid subcooling

PART KITS & CONTENTS REFERENCE

K100	2S & 3S Seat & Needle; 19 Gasket (2); 63 Gasket; 5-2 Spring
K101AB	152B & 153B Seat & Plunger; 1103 Gasket; 73 Gasket; 5AB45 Spring
K101ABF	152B & 153B Seat & Plunger; 1103 Gasket; 73 Gasket; 705A114 Spring
K101B	152B & 153B Seat & Plunger; 1103 Gasket; 73 Gasket; 705A Spring
K101BF	152B & 153B Seat & Plunger; 1103 Gasket; 73 Gasket; 705A114 Spring
K152K	152KCP Cartridge; 19 Gasket; 63 Gasket; 5-2A Spring
K152K26	152KCP Cartridge; 19 Gasket; 63 Gasket; 5-30A Spring
K152KCP	152KCP Cartridge; 19 Gasket; 63 Gasket; 5-30A Spring
K152KCPF	152KCP Cartridge; 19 Gasket; 63 Gasket; 5-60L Spring
K152KF18	152KCP Cartridge; 19 Gasket; 63 Gasket; 5-30 Spring
K152KF26	152KCP Cartridge; 19 Gasket; 63 Gasket; 5-60L Spring
K152L	152L Cartridge; 19 Gasket; 63 Gasket; 5-30A Spring (orifice up to 3/8"; 5-4 Spring with 13/32")
K152L18	152LCP Cartridge; 19 Gasket; 63 Gasket; 5-2A Spring
K152LCP	152LCP Cartridge; 19 Gasket; 63 Gasket; 5-30A Spring
K152LCPF	152LCP Cartridge; 19 Gasket; 63 Gasket; 5-60L Spring
K152LF	152L Cartridge; 19 Gasket; 63 Gasket; 5-60L Spring
K152LF18	152L Cartridge; 19 Gasket; 63 Gasket; 5-30 Spring
K210	310 Cartridge; 308 pusher; 725 Gasket
K210A	310A Cartridge; 308A Pusher; 725 Gasket
K270A1	262 & 403S Seat & Needle; 73 Gasket; 224 Hex Jam Nut; 55 Washer; 411 Pin; 11S Spacers
K270A2	262A & 263A Seat & Needle; 73 Gasket; 224 Hex Jam Nut; 55 Washer; 411 Pin; 11S Spacers
K270AX	262A & 263A Seat & Needle; 73 Gasket; 224 Hex Jam Nut; 55 Washer; 411 Pin; 11S Spacers
K270AY	262AY & 263AY Seat & Needle; 73 Gasket; 224 Hex Jam Nut; 55 Washer; 411 Pin; 11S Spacers
K270AZ	262AZ & 263AZ Seat & Needle; 73 Gasket; 224 Hex Jam Nut; 55 Washer; 411-S Pin; 11S Spacers
K275AP1	262 & 403S Seat & Needle; 73 Gasket; 224 Hex Jam Nut; 55 Washer; 411 Pin; 11S Spacers
K275AP2	262A & 263A Seat & Needle; 73 Gasket; 224 Hex Jam Nut; 55 Washer; 411 Pin; 11S Spacers
K280	280 Cartridge; 19 Gasket
K280-6	280-6 Cartridge; 19 Gasket
K310	310 Cartridge; 308 Pusher; 19 Gasket; 365 Gasket
K310A	310A Cartridge; 308A Pusher; 365 Gasket
K355	355 Cartridge; 365 Gasket
K600	604 Valve Piece; 477-K Spring; 11-222 O-ring; 63 Gasket (2)
K600A	604A Valve Piece; 605A4 Spring; 11-229 O-ring; 73 Gasket (2)
K600AJ	604AJ Valve Piece; 73 Gasket (2); 605AJ
K600B	604B Valve Piece; 326 Gasket; 605B Spring; 326Y Gasket (2)
K600BJ	604BJ Valve Piece; 326Y Gasket (2); 605BJ Spring
K600DJ	604DJ Valve Piece; 326YA Gasket (2); 605DJ Spring
K600J	604J Valve Piece, 63W Gasket (2), 605AJ Spring
K600JR	604JR Valve Piece, 728 Gasket (2), 605JR
K700JR	703 Seat Disc; 710 Gasket; 506 Gasket
K700	703A Seat Disc; 710 Gasket; 725N Gasket (2)
K700A	700-3A Seat Disc; 710A Gasket; 73 Gasket (2)
K700B	700-3B Seat Disc; 710B Gasket; 326Y Gasket (2)
K700AX	700-3AX Seat Disc; 710A Gasket; 73 Gasket 92)
K700BX	700-3BX Seat Disc; 710B Gasket; 326Y Gasket (2)
K700X	700-3X Seat Disc; 710 Gasket; 725N Gasket (2)
K700AP	73 Gasket (2); 700-4AP Piston; 705A Spring; 710A Gasket
K700BP	326Y Gasket (2) 700-4BP Piston; 705BL Spring; 710B Gasket
K700XT	11-215 O-Ring; 600D2-2 Check Valve; 700-3X Seat Disc; 705-10L Spring; 710 Gasket; 725N Gasket(2); 5000-131 Retaining Ring
K700AXT	11-222 O-Ring; 73 Gasket(2); 600D3-2 Check Valve; 700-3AX Seat Disc; 705A10L Spring; 710A Gasket; 5000-131 Retaining Ring
K700BXT	326Y Gasket (2); 600D3XT Check Valve; 700-3BX Seat Disc; 705B15X Spring; 710B Gasket
K701JR	703JR Seat Disc; 710JR Gasket; 506 Gasket (2)
K701	703 Seat Disc; 710 Gasket; 725N Gasket (2)
K701A	703A Seat Disc; 710A Gasket; 73 Gasket (2)
K701B	703B Seat Disc; 710B Gasket; 326Y Gasket (2)
K1100	1101 Clear Glass; 1103 Rubber Gasket; 1104 Fiber Gasket
K1100R	1101R Reflex Glass; 1103 Rubber Gasket; 1104 Fiber Gasket
K3000	3003JR & 3003 Seat Discs; 3012JRL & 3012L Push Rods; 3013 & 3013JR Nuts; 3010JR, 3010 & 3010N Gaskets; 705L Spring; 11-012 & 107 O-rings; 027F0666 Seal Kit
K3000PS	3003JR & 3003 Seat Discs; 3012JRL & 3012L Push Rods; 3013 & 3013JR Nuts; 3010JR, 3010 & 3010N Gaskets; 705L Spring; 3004 & 3004JR Pistons; 3006 & 3006JR Seats; 11-012 & 107 O-rings; 027B1120 Solenoid
K3000A	3003A & 3003B Seat Discs; 3012A & 3012B Push Rods; 710A, 710B & 3010AN Gaskets; 705AL Spring; 11-012 & 107 O-rings; 027F0666 Seal Kit
K3000APS	3003A & 3003B Seat Discs; 3012A & 3012B Push Rods; 710A, 710B & 3010AN Gaskets; 705AL Spring; plus 3004A & 3004B Pistons; 3006A & 3006B Seats; 11-012 & 107 O-rings; 027B1120 Solenoid

VALVE PARTS KITS: MISCELLANEOUS			
Kit Catalog No.	For Valve	Orifice Size (In.)	List Price
K100	100; 100VP	$\frac{1}{16}$ to $\frac{5}{32}$; $\frac{3}{16}$	\$415
K101AB	101AB	$\frac{3}{8}$; $\frac{1}{2}$	\$758
K101ABF	101ABF	$\frac{3}{8}$; $\frac{1}{2}$	\$760
K101B	101B	$\frac{3}{8}$; $\frac{1}{2}$; $\frac{5}{8}$	\$765
K101BF	101BF	$\frac{3}{8}$; $\frac{1}{2}$; $\frac{5}{8}$	\$765
K152K	101, 101VP18	$\frac{5}{64}$ to $\frac{5}{32}$; $\frac{3}{16}$	\$489
K152K26	101VP-26" chamber	$\frac{1}{8}$; $\frac{5}{32}$; $\frac{3}{16}$	\$479
K152KF18	101F; 101VPF-18" chamber	$\frac{5}{64}$ to $\frac{5}{32}$; $\frac{3}{16}$	\$479
K152KF26	101VPF-26" chamber	$\frac{1}{8}$; $\frac{5}{32}$; $\frac{3}{16}$	\$504
K152KCP	101CP	$\frac{5}{64}$ to $\frac{5}{32}$; $\frac{3}{16}$	\$479
K152KCPF	101CPF	$\frac{5}{64}$ to $\frac{5}{32}$; $\frac{3}{16}$	\$504
K152L	101A	$\frac{3}{16}$; $\frac{1}{4}$; $\frac{5}{16}$; $\frac{3}{8}$; $\frac{13}{32}$	\$671
K152L18	101A-18" chamber	$\frac{1}{4}$	\$661
K152LF	101AF	$\frac{1}{4}$; $\frac{5}{16}$; $\frac{3}{8}$; $\frac{13}{32}$	\$671
K152LF18	101F-18" chamber	$\frac{1}{4}$	\$671
K152LCP	101CP	$\frac{1}{4}$; $\frac{5}{16}$; $\frac{3}{8}$	\$671
K152LCPF	101CPF	$\frac{1}{4}$; $\frac{5}{16}$; $\frac{3}{8}$	\$696
K210	210	$\frac{3}{32}$ to $\frac{9}{64}$	\$361
K210A	210A	$\frac{5}{32}$; $\frac{3}{16}$; $\frac{7}{32}$	\$399
K270A1	270A, 270AF, 275AF	$\frac{1}{16}$; $\frac{5}{64}$; $\frac{3}{32}$	\$328
K270A2	270A, 270AF, 275AF	$\frac{1}{8}$; $\frac{3}{16}$	\$370
K270AX	270AX	$\frac{13}{64}$	\$370
K270AY	270AY	$\frac{3}{8}$	\$985
K270AZ	270AZ; 270AZA; 270AZAZ	0.234	\$509
K275AP1	275AP; 275APF	$\frac{1}{16}$; $\frac{5}{64}$; $\frac{3}{32}$	\$328
K275AP2	275AP; 275APF	$\frac{1}{8}$; $\frac{3}{16}$	\$370
K280	225; 225B; 250; 250CB; 250P; 250L; 250VPF; 251CP	$\frac{5}{64}$ to $\frac{5}{32}$	\$534
K280-6	250VP (R717 only)	$\frac{7}{64}$; $\frac{9}{64}$; $\frac{5}{32}$	\$534
K310	300; 300H; 300HM; 300J; 300P; 300Y; 301E	$\frac{5}{64}$; $\frac{3}{32}$; $\frac{7}{64}$; $\frac{1}{8}$; $\frac{9}{64}$	\$364
K310A	300A; 300AM; 300YA; 301G	$\frac{5}{32}$; $\frac{3}{16}$; $\frac{7}{32}$	\$397
K310AX	300A; 300AM; 301G	$\frac{9}{32}$	\$676
K355	301; 301H; 301J; 301K; 301D; 301A	$\frac{3}{16}$; $\frac{7}{32}$; $\frac{9}{32}$	\$750

*Use the 5/64" Orifice Only in a 301E Valve

KITS: CHECK VALVES (DISC TYPE)			
Kit Catalog No.	For Valve	Line Size (In.)	List Price
K600	600; 600K	1, $1\frac{1}{4}$	\$147
K600A	600A; 600AK	$1\frac{1}{2}$, 2	\$211
K600AJ	600AJ	$1\frac{1}{2}$, 2	\$174
K600BJ	600BJ	3	\$406
K600DJ	600DJ	4	\$418
K600J	600J	$1\frac{1}{4}$, $1\frac{1}{2}$	\$110
K 600JR	600JR	$\frac{1}{2}$, $\frac{3}{4}$, 1	\$80

KITS: CHECK VALVES (PISTON TYPE)			
Kit Catalog No.	For Valve	Line Size (In.)	List Price
K700JR	700JR; 700JRS; 700JRX; 700JRH; 700JRXH	$\frac{1}{2}$; $\frac{3}{4}$	\$34
K700	700; 700S; 700H	1, $1\frac{1}{4}$	\$51
K700A	700A; 700AS; 700AH	$1\frac{1}{2}$, 2	\$224
K700B	700B; 700BS; 700BH	3	\$179
K700X	700X; 700XS; 700XH	1, $1\frac{1}{4}$	\$43
K700AX	700AX; 700AXS; 700AXH	$1\frac{1}{2}$, 2	\$55
K700BX	700BX; 700BXS; 700BXH	3	\$98

KITS: LOW SIDE PILOT OPERATED VALVES			
Kit Catalog No.	For Valve	Line Size (in.)	List Price
K701JR	701JR; 701JRS	$\frac{1}{2}$; $\frac{3}{4}$	\$36
K701	701; 701S	1, $1\frac{1}{4}$	\$42
K701A	701A; 701AS	$1\frac{1}{2}$, 2	\$53
K701B	701B; 701BS	3	\$76

If a replacement spring is required for any of these valves, we must be advised of the Valve Serial Number.

KITS: 3-WAY SOLENOID OPERATED VALVES			
Kit Catalog No.	For Valve	Line Size (in.) *	List Price
K3000	3000 & 3000N	$\frac{3}{4}$	\$204
K3000PS	3000 & 3000N	$\frac{3}{4}$	\$750
K3000A	3000A	$1\frac{1}{4}$	\$301
K3000APS	3000A	$1\frac{1}{4}$	\$1,103

*Actual valve IPS. Pipe lines run to the 3-way valves can be as indicated, or may be one or two pipe sizes larger.

KITS: 3-WAY CHECK VALVES			
Kit Catalog No.	For Valve	Line Size (in.)	List Price
K700XT	700XT	1, $1\frac{1}{4}$	\$485
K700AXT	700AXT	$1\frac{1}{2}$, 2	\$784
K700BXT	700BXT	3	\$1,281

KITS: LEVEL EYE®		
Kit Catalog No.	For Level Eye®	List Price
K1100	Clear Level Eye®	\$84
K1100R	Reflex Level Eye®	\$69

KITS: INTERRUPTING VALVES			
Kit Catalog No.	For Valve	Line Size (in.)	List Price
K700AP	700AP	$1\frac{1}{2}$, 2	\$317
K700BP	700BP	3	\$728

ORDERING INSTRUCTIONS:

1. Orifice size
2. Valve Serial Number
3. Load in Tons
4. Refrigerant

NOTES:

1. Ordering instruction data required for the float controls only.
2. Failure to furnish at least one of the above requirements will mean a delay in filling the order, as our factory will have to seek the information before a shipment can be made.
3. If a replacement spring is required for any of the valves we must be advised of complete Valve Number, such as 700X-5.

REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE
2S&3S	SEAT & NEEDLE	\$346	75H	O-RING	\$15	289	GASKET	\$7
2S&403S	SEAT & NEEDLE	\$274	75K	O-RING	\$9	290S	STOP	\$14
4	ADJUSTING NUT	\$42	79	FLOAT	\$216	291	CAP	\$65
4B	ADJUSTING NUT	\$42	84	PIPE PLUG	\$7	292	GASKET	\$8
5-2	SPRING	\$54	87	LOCK NUT	\$4	293	GLAND	\$11
5-2A	SPRING	\$18	87S	LOCK NUT	\$11	294	STEM	\$76
5-30A	SPRING	\$8	88	LOCK NUT	\$5	296	SCREW	\$8
5-60L	SPRING	\$33	90P	PIPE PLUG	\$18	302D	DISC	\$28
5-61	SPRING	\$9	107	O-RING	\$5	307	BOSS	\$122
5AB45	SPRING	\$33	108	O-RING	\$5	307A	BOSS	\$198
6	SPRING CONE	\$28	151B	GLAND	\$100	307ACB	BOSS	\$130
6T	SPRING CONE	\$38	152B&153B	SEAT & PLUNGER	\$711	307B	BOSS	\$203
7	STEM	\$101	152KCP	CARTRIDGE	\$461	307E	BOSS	\$208
7B	STEM	\$52	152LCP	CARTRIDGE	\$653	307G	BOSS	\$118
8	GLAND	\$26	204E	ADJUSTING NUT	\$34	307H	BOSS	\$205
8B	GLAND	\$71	213A	FLOAT BLOCK	\$137	307J	BOSS	\$118
9B	BONNET	\$224	215CB	FLOAT BLOCK	\$111	308	PUSHER	\$60
9BF	BONNET	\$707	220	FLOAT	\$244	308A	PUSHER	\$73
9BP	BONNET	\$707	220A	FLOAT	\$124	308ACB	PUSHER	\$301
9F	BONNET	\$187	220PS	FLOAT	\$615	309	GASKET	\$4
10B	LEVER	\$220	220PSF	FLOAT	\$769	310	CARTRIDGE	\$294
10CP	LEVER	\$182	224	LOCK NUT	\$7	310A	CARTRIDGE	\$319
11	LEVER PIN	\$10	227	CAP SCREW	\$4	310AX	CARTRIDGE	\$370
11&SPACER	LEVER PIN	\$20	228	STOP	\$9	313	FLOAT ROD	\$54
11B	LEVER PIN	\$11	228A	SCREW	\$11	313A	FLOAT ROD	\$79
11S	LEVER PIN	\$15	230A	FLOAT BLOCK	\$42	313AM	FLOAT ROD	\$71
11-210/11-215	O-RING	\$8	230X	FLOAT BLOCK	\$161	313CP	FLOAT ROD	\$133
11-216/11-229	O-RING	\$11	230Z	FLOAT BLOCK	\$54	313CPS	FLOAT ROD	\$251
11-222	O-RING	\$11	231	LINK	\$8	313HM	FLOAT ROD	\$68
12	PIPE PLUG	\$7	243CB	FLOAT ROD	\$19	314	CAM NEEDLE	\$57
13	BUSHING	\$152	262&403S	SEAT BSHG. & NEEDLE	\$233	314A	CAM NEEDLE	\$58
14	PLUG	\$66	262A&263A	SEAT BSHG. & NEEDLE	\$275	314E	CAM NEEDLE	\$61
14CB	PLUG	\$66	262AY&263AY	SEAT BSHG. & NEEDLE	\$890	314J	CAM NEEDLE	\$58
15	SPRING	\$11	262AZ&263AZ	SEAT BSHG. & NEEDLE	\$393	315ACB	FLOAT BLOCK	\$400
16	SPRING CONE	\$22	265C	SPRING	\$11	315P	FLOAT BLOCK	\$76
18	SCREEN	\$58	265D-S	SPRING	\$15	315PA	FLOAT BLOCK	\$124
19	GASKET	\$5	265E	SPRING	\$10	315PM	FLOAT BLOCK	\$149
55	LOCK WASHER	\$4	267	FLOAT	\$296	315R	FLOAT BLOCK	\$109
55A	LOCK WASHER	\$4	267AZAZ	FLOAT	\$537	315WA	FLOAT BLOCK	\$110
56	Cotter Pin	\$4	267F	FLOAT	\$462	315WCB	FLOAT BLOCK	\$66
63	Gasket	\$5	267Y	FLOAT	\$462	316	SET SCREW	\$8
63W	GASKET	\$5	267YA	FLOAT	\$462	317J	NEEDLE	\$45
67-8"	FLOAT	\$570	270M	ADJUSTING NUT	\$26	318P	STOP	\$34
67-16"	FLOAT	\$608	272AY	PUSHER	\$142	319P	ADJUSTING PIECE	\$11
67F-8"	FLOAT	\$532	272M	PUSHER	\$96	321M	FLOAT	\$137
67F-16"	FLOAT	\$583	273AY	GLAND	\$198	321MF	FLOAT	\$172
68-8"	FLOAT	\$773	273M	GLAND	\$109	321WCB	FLOAT	\$362
68-12"	FLOAT	\$798	275	FLOAT BLOCK	\$100	322	LOCK NUT	\$4
68F-8"	FLOAT	\$823	276	LEVER	\$38	324	LOCK NUT	\$4
68F-12"	FLOAT	\$831	277	LINK	\$73	324S	LOCK NUT	\$11
69	FLOAT	\$1,077	278	LINK	\$73	325	CAP SCREW	\$5
73	GASKET	\$9	280	CARTRIDGE	\$529	325WCB	CAP SCREW	\$5
73L	GASKET	\$9	285A	SPRING	\$7	326	GASKET	\$9

REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE
326KZ	GASKET	\$16	601J	SNAP RING	\$15	700-4BXS	PISTON	\$334
326Y	GASKET	\$9	601JR	SNAP RING	\$11	700-4BXT	PISTON	\$686
326YA	GASKET	\$15	602A	BACK PLATE	\$174	700-4JRH	PISTON	\$233
327P	STEM	\$117	602AK	GUIDE PIECE	\$134	700-4JRSS	PISTON	\$290
328E	GLAND	\$86	602BJ	BACK PLATE	\$193	700-4JRX	PISTON	\$124
331-15	FLOAT	\$567	602DJ	BACK PLATE	\$269	700-4X	PISTON	\$124
331-15F	FLOAT	\$593	602K	GUIDE PIECE	\$115	700-4XH	PISTON	\$174
333	PIPE PLUG	\$7	603AJ	TEFLON RING	\$42	700-4XT	PISTON	\$250
334CB	CONNECTOR	\$58	603BJ	TEFLON RING	\$58	700-7	FLUSH PLUG	\$34
343	FLOAT ROD	\$34	603DJ	TEFLON RING	\$88	700-7AQ	FLUSH PLUG	\$125
343A	FLOAT ROD	\$18	603J	TEFLON RING	\$34	700-7AX	FLUSH PLUG	\$53
343AZ	FLOAT ROD	\$73	603JR	TEFLON RING	\$19	700-7AXH	METERING PLUG	\$145
343CP	FLOAT ROD	\$58	604	VALVE PIECE	\$115	700-7AXS	FLUSH PLUG	\$65
343D	FLOAT ROD	\$37	604A	VALVE PIECE	\$167	700-7AXT	FLUSH PLUG	\$124
343H	FLOAT ROD	\$58	604AJ	VALVE PIECE	\$137	700-7BX	FLUSH PLUG	\$180
343WA	FLOAT ROD	\$111	604B	VALVE PIECE	\$382	700-7BXH	METERING PLUG	\$231
343WCB	FLOAT ROD	\$14	604BJ	VALVE PIECE	\$355	700-7BXS	FLUSH PLUG	\$180
355	CARTRIDGE	\$745	604DJ	VALVE PIECE	\$578	700-7H_	METERING PLUG	\$145
356	SPRING	\$7	604J	VALVE PIECE	\$81	700-7JR	FLUSH PLUG	\$30
357	ADJUSTING SCREW	\$14	604JR	VALVE PIECE	\$56	700-7JRH	METERING PLUG	\$111
358	PUSHER	\$81	605A1	SPRING	\$16	700-7JRS	FLUSH PLUG	\$95
359	LOCK NUT	\$5	605A4	SPRING	\$15	700-7S	FLUSH PLUG	\$98
363	PLUG	\$79	605AJ	SPRING	\$19	700-7T	FLUSH PLUG	\$83
364	GASKET	\$15	605B	SPRING	\$35	702APN	BONNET	\$844
365	GASKET	\$5	605BJ	SPRING	\$33	702AS	BONNET	\$224
369	ADJUSTING SCREW	\$20	605BJS	SPRING	\$43	702BPN	BONNET	\$1,393
369A	STOP SCREW	\$14	605DJ	SPRING	\$42	702BS	BONNET	\$410
370	FLOAT	\$425	605DJS	SPRING	\$81	702BT	BONNET	\$366
370A	FLOAT	\$466	605JR	SPRING	\$16	702BXS	BONNET	\$434
370M	FLOAT	\$285	608AJ	BACK PLATE RING	\$39	702JRS	BONNET	\$124
370MF	FLOAT	\$328	608BJ	BACK PLATE RING	\$47	702S	BONNET	\$124
377	STEM	\$53	608DJ	BACK PLATE RING	\$73	702T	BONNET	\$180
411	LEVER PIN	\$15	608J	BACK PLATE RING	\$33	703	SEAT DISC	\$19
411&SPACERS	LEVER PIN	\$20	608JR	BACK PLATE RING	\$20	703A	SEAT DISC	\$28
431	LINK	\$8	610B	RETAINER	\$68	703B	SEAT DISC	\$49
431AY	LINK	\$26	700-2	BONNET	\$99	703JR	SEAT DISC	\$19
477K	SPRING	\$11	700-2A	BONNET	\$157	703JRN	SEAT DISC	\$28
477-1	SPRING	\$12	700-2AP	BONNET	\$465	703BXS	SEAT DISC	\$167
506	GASKET	\$5	700-2AT	BONNET	\$224	704	PISTON	\$213
515	SPRING	\$23	700-2B	BONNET	\$360	704A	PISTON	\$279
516	SPRING CONE	\$33	700-3A	SEAT DISC	\$199	704B	PISTON	\$613
517	SCREEN	\$129	700-3AX	SEAT DISC	\$30	704JR	PISTON	\$195
517JRP	SCREEN	\$115	700-3B	SEAT DISC	\$152	705-1L	SPRING	\$18
558	SCREEN	\$106	700-3BX	SEAT DISC	\$71	705-5L	SPRING	\$18
577	CAP SCREW	\$5	700-3X	SEAT DISC	\$20	705-10L	SPRING	\$18
580	SCREEN	\$244	700-4AP	PISTON	\$254	705-20L	SPRING	\$18
600D2-2	CHECK VALVE	\$408	700-4AX	PISTON	\$182	705-35L	SPRING	\$18
600D3-2	CHECK VALVE	\$669	700-4AXH	PISTON	\$279	705-35R	SPRING	\$18
600D3XT	CHECK VALVE	\$1,072	700-4AXS	PISTON	\$213	705-45L	USE 705-50L	\$18
601AJ	SNAP RING	\$18	700-4AXT	PISTON	\$593	705-50L	SPRING	\$18
601B	STEM	\$322	700-4BP	PISTON	\$590	705-60L	SPRING	\$18
601BJ	SNAP RING	\$22	700-4BX	PISTON	\$262	705-60R	SPRING	\$18
601DJ	SNAP RING	\$37	700-4BXH	PISTON	\$438	705-70L	SPRING	\$18

REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE
705-90L	SPRING	\$18	711XS	STEM	\$66	2126	NOZZLE	\$346
705-130L	SPRING	\$18	711XT	STEM	\$119	2127WA	THROAT	\$199
705A	SPRING	\$38	714	SEAL CAP	\$88	2222	NOZZLE	\$438
705A-2L	SPRING	\$38	714B	SEAL CAP	\$162	2223W	THROAT	\$662
705A-10L	SPRING	\$38	718	CAP SCREW	\$4	3002	BONNET	\$138
705A-20L	SPRING	\$38	720	GASKET	\$7	3002A	BONNET	\$182
705A-30L	SPRING	\$38	720B	GASKET	\$7	3002AN	BONNET	\$831
705A-60L	SPRING	\$38	725	GASKET	\$7	3002JR	BONNET	\$145
705A-110L	SPRING	\$38	725N	GASKET	\$9	3002JRN	BONNET	\$106
705A-165L	SPRING	\$38	728	GASKET	\$4	3003	SEAT DISC	\$26
705A-114	SPRING	\$38	752AQ	SLEEVE	\$618	3003A	SEAT DISC	\$34
705A-171	SPRING	\$38	754AQ	PISTON	\$384	3003B	SEAT DISC	\$49
705A-270	SPRING	\$38	775	PACKING RING	\$9	3003JR	SEAT DISC	\$22
705AL	SPRING	\$18	776	RETAINER	\$9	3004	PISTON	\$119
705B-3L	SPRING	\$111	777BN	PACKING RING	\$14	3004A	PISTON	\$199
705B-10L	SPRING	\$111	1100AH	HOUSING	\$142	3004B	PISTON	\$289
705B-15X	SPRING	\$111	1100ATH	HOUSING	\$147	3004JR	PISTON	\$195
705B-30L	SPRING	\$111	1100CH	HOUSING	\$119	3006	SEAT	\$50
705B-60L	SPRING	\$111	1100H	HOUSING	\$100	3006A	SEAT	\$81
705B-100L	SPRING	\$111	1100LCH	HOUSING	\$160	3006B	SEAT	\$100
705B-160L	SPRING	\$111	1100LH	HOUSING	\$155	3006JR	SEAT	\$49
705BL	SPRING	\$111	1100LSH	HOUSING	\$304	3010	GASKET	\$7
705L	SPRING	\$10	1100SH	HOUSING	\$201	3010AN	GASKET	\$6
706-9/16"	SEAT	\$81	1100TH	HOUSING	\$164	3010JR	GASKET	\$7
706-23/32"	SEAT	\$81	1100VH	HOUSING	\$279	3010N	GASKET	\$7
706A-23/32"	SEAT	\$99	1101	LENS - CLEAR	\$73	3012A	PUSH ROD	\$72
706A-7/8"	SEAT	\$99	1101R	LENS - REFLEX	\$58	3012B	PUSH ROD	\$81
706B	SEAT	\$142	1102SH	RETAINER SS HEX	\$100	3012JRL	PUSH ROD	\$45
706JR-3/8"	SEAT	\$81	1103	GASKET	\$7	3012L	PUSH ROD	\$45
706JR-9/16"	SEAT	\$81	1103T	GASKET - TEFLON	\$54	3013	NUT	\$5
706JRP	SEAT	\$54	1104	GASKET	\$4	3013JR	NUT	\$5
707-9/16"	METERING PLUG	\$73	1105/1106	FROST SHIELD	\$53	3014A	TUBE ASSY	\$94
707-23/32"	METERING PLUG	\$73	1105L/1106	FROST SHIELD	\$68	3014TF	TUBE FITTING	\$41
707A-23/32"	METERING PLUG	\$92	1106	O-RING	\$4	3017NR	STEM	\$49
707A-7/8"	METERING PLUG	\$92	1358	GASKET	\$9	5000-131	SNAP RING	\$8
707B	METERING PLUG	\$213	1458	GASKET	\$19	5000-175	SNAP RING	\$11
707JR-3/8"	METERING PLUG	\$88	2026SL	NOZZLE	\$240	5108-137	SNAP RING	\$8
707JR-9/16"	METERING PLUG	\$88	2027SL	THROAT	\$142	5108-177	SNAP RING	\$12
708A	SPRING CONE	\$51	2028SL	NUT	\$50	RHR120	DELAY RLY 120V	\$358
708AT	SPRING CONE	\$56	2030SL	NUT	\$52	RHR240	DELAY RLY 240V	\$358
708B	SPRING CONE	\$50	2046SL	NOZZLE	\$157	THR120	TIMER ASSY 120V	\$472
708BT	SPRING CONE	\$167	2047SL	THROAT	\$76	THR240	TIMER ASSY 240V	\$472
708BXT	SPRING CONE	\$180	2048	NUT	\$83	U4-1	NUT	\$57
710	GASKET	\$5	2049	GASKET	\$5	U4-1S	NUT	\$57
710A	GASKET	\$7	2076W	FRONT PIECE	\$19	U4-3S	RETAINER	\$43
710B	GASKET	\$9	2077W	THROAT	\$99	U4-4	GASKET	\$4
710JR	GASKET	\$7	2101W	FRONT PIECE	\$66	U6-1S	NUT	\$73
711	STEM	\$79	2106SL	NOZZLE	\$234	U6-4	GASKET	\$5
711A	STEM	\$84	2107SL	THROAT	\$107			
711AXT	STEM	\$124	2107W	THROAT	\$240			
711B	STEM	\$134	2108SL	NUT	\$81			
711BT	STEM	\$152	2110SL	CONNECTOR	\$54			
711X	STEM	\$58	2111	GASKET	\$4			

RETURN MATERIAL AUTHORIZATION POLICY

FOR PRODUCTS MANUFACTURED BY H. A. PHILLIPS & CO.:

H. A. Phillips & Co. will review any customer's request to return product(s) for credit or repair. Customers must obtain a Return Material Authorization prior to returning any product(s). NOTE: RMA numbers are only valid for 6 months following their date of issue.

The following steps must be followed for all returns and repairs:

1. Customer contacts H. A. Phillips & Co. for a Return Material Authorization (RMA) number.
2. H. A. Phillips & Co. issues the customer and RMA form and a copy of the Return Material and Repair Policy.
3. H. A. Phillips & Co. indicates "Repair & Return" or "Return for Credit" on the RMA form.
4. Customer includes the RMA form with the product(s) when packaged for shipment.
5. Customer writes the RMA number on the outside of the package.
6. The product(s) must be packaged properly to prevent any damage during shipment. The original box must be used for all returns except valid warranty claims.
7. Customer ships the product(s) prepaid UPS to the factory address. H. A. Phillips & Co. WILL NOT accept any C.O.D. parcels.
8. **Payment for product is not contingent upon processing of RMA. Any applicable credit(s) will be available only upon issuance by H. A. Phillips. Please refer to the published Terms & Conditions regarding payment terms.**

Returns:

When a credit is requested, H. A. Phillips & Co. will inspect the returned condition of the product(s) prior to making a credit decision. A minimum restocking charge calculated as 15% of the purchase price or \$15.00, whichever is greater, will apply. If the product(s) returned is (are) a non-stocked assembly that must be disassembled before restocking the components, a restocking charge of 25% of the purchase price or \$25.00, whichever is greater, will apply. If the returned product(s) is (are) defective in material or workmanship according to the warranty provisions of H. A. Phillips & Co.'s Terms & Conditions of Sale, there will be no restocking charge. An additional charge of 10% of the purchase price or \$10.00, whichever is greater, will apply if the product is returned without: 1) the original packaging (for non-warranty returns only), 2) the RMA paperwork, or 3) if the RMA is more than 60 days old on the date that the product was shipped to the factory by the customer.

Any damage due to improper packing of the returned product(s) by the customer will be charged to the customer or the product(s) will be returned to the customer with no credit given and return freight billed to the customer.

Repairs:

H. A. Phillips & Co. will repair valves with a Valve Serial Number that indicates the valve was manufactured less than ten (10) years prior to the request for an RMA. A customer should check with the factory to verify the age. Repair parts for older valves are usually available. H. A. Phillips & Co. will repair a valve for a fee of 75% of the current total cost for a new valve, contingent on the re-use of the valve body and float ball (if applicable). The repaired or replaced valve assumes the remaining term of the applicable warranty or 90 days; whichever is longer.

FOR PRODUCTS SOLD OR DISTRIBUTED BY H. A. PHILLIPS & CO. BUT MANUFACTURED BY OTHERS:

Returns:

When a credit is requested for product(s) not manufactured by H. A. Phillips & Co., any restocking fee(s) is (are) subject to the published Terms & Conditions of the original manufacturer. The restock fee(s) and other costs related to the credit request will be passed to the customer.

LIMITED PRODUCT WARRANTY

Seller warrants that its products ("Product(s)") will meet the specifications set forth in its catalog from time to time, unless the Buyer is notified otherwise prior to delivery. Seller will, without charge, repair or provide a replacement for any of the Products which prove to be defective in materials or workmanship within one (1) year from the date of shipment ("Warranty Period").

If, within the Warranty Period, Buyer discovers a defect in materials or workmanship, which interferes with the operation of any Product, Buyer must promptly notify Seller, in writing, of such defect. Seller's sole obligation to Buyer under this Warranty is to repair and correct any defect in material or workmanship, or provide a replacement Product to Buyer. Seller's decision with respect to the applicability of this Warranty to any defect shall be final and conclusive. Seller reserves the right to require Buyer, at Buyer's sole cost and expense, to return any defective Product, including any alterations made thereto, F.O.B. Seller's factory in Illinois.

Seller does not warrant against abrasion, corrosion or erosion. Seller shall not be liable to Buyer or to any other person for work done or repairs made, to remedy any defect, by any person who is not an authorized representative of Seller, unless Seller's written consent is first obtained by Buyer. This Warranty does not apply to, and is rendered null and void by, any Product which, after leaving Seller's manufacturing plant: (a) is repaired or altered without Seller's prior written approval; (b) is the subject of improper storage, installation or operation; (c) is the subject of intentional or negligent misuse, misapplication, neglect or accident; or (d) is not used, repaired or altered in accordance with Seller's written instructions.

This Warranty does not apply to any products which are purchased and resold by Seller and which bear the original manufacturer's name or nameplate on the product. Any such products shall be warranted only to the extent of the express warranty, if any, provided by the manufacturer of such products or parts as published in their Terms and Conditions.

Seller expressly reserves the right to declare this Warranty null and void upon Buyer's failure to make full and timely payments with respect to any Products purchased by Buyer from Seller, in which event all of Seller's obligations, and Buyer's rights, under this Warranty, shall immediately terminate.

SELLER DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTIES ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR USAGE OF TRADE. SELLER SHALL NOT BE LIABLE TO BUYER OR ANY OTHER PARTY UNDER THIS WARRANTY FOR DIRECT, SPECIAL, CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES OF ANY KIND.

TERMS AND CONDITIONS OF SALE

- Acceptance of Orders.** All sales made by H.A. Phillips & Co. ("Seller") of its products ("Products") are contingent upon the Buyer's acceptance of these Terms and Conditions of Sale ("Terms"). All orders placed by Buyer are subject to acceptance by an authorized representative of Seller at Seller's principal offices in Illinois. Any terms and conditions contained in Buyer's purchase order which are inconsistent with, or in addition to, these Terms, shall not be binding upon Seller unless, and until, Seller agrees to any such terms and conditions, in writing, signed by an authorized representative of Seller. These Terms cannot be modified or waived except by written agreement executed by an authorized representative of Seller at Seller's principal offices in Illinois.
- Prices.** Prices stated in Seller's price list are subject to change without notice. Prices listed in Seller's quotations or acknowledgements, or which are quoted verbally (other than welded products for which only a written quotation is valid) by Seller, shall remain firm for thirty (30) days unless Seller notifies Buyer to the contrary.
- Payment Terms.** Provided that Buyer has established a credit account with Seller, then payment terms for all Products for US Customers with a selling price less than \$50,000.00 and Canadian Customers with a selling price less than \$25,000.00, are net cash (U.S. Dollars) thirty (30) days from date of invoice (date of shipment). For all Products for US Customers with a selling price greater than \$50,000.00, 10% of the selling price is due prior to the time that the order is shipped, with the remaining 90% due net cash (U.S. Dollars) thirty (30) days from date of invoice (date of shipment). For all Products for Canadian Customers with a selling price greater than \$25,000.00, 25% of the selling price is due prior to the time that the order is shipped, with the remaining 75% due net cash (U.S. Dollars) thirty (30) days from the date of invoice (date of shipment). If Buyer has not established a credit account with Seller, then payment terms for all Products are net cash (U.S. Dollars) prior to shipment. Certain credit cards may be accepted for payment, but only prior to the time that an order is shipped. Credit cards will not be accepted after the time that an order is shipped. These payment terms are independent of, and are not contingent upon, the time and manner in which Buyer receives payment from any of its customers. All Sales Orders are quoted by Seller to Customers as cash (U.S. Dollars) sale. An additional 3% is added to all sales over \$5,000.00 (U.S. Dollars) when paid by credit card. A finance charge of 1.5% per month (annual percentage rate of 18%) will be charged on all past due amounts. In the event suit or other proceeding is brought by Seller for the recovery of the purchase price, or any unpaid portion thereof, or for any breach of any of these Terms, Buyer shall pay to Seller, in addition to any damages provided by law, all collection or enforcement costs incurred by Seller, including reasonable attorney fees, and Seller shall be entitled to have such costs and fees included as part of any judgment obtained by Seller.
- Taxes.** Prices set forth in Seller's price list, or quoted by Seller, do not include applicable federal, state or local taxes or other charges. Buyer shall pay all such taxes and other charges, together with any penalties and interest, and file any returns with respect thereto, upon receipt of any invoice from Seller. In lieu of payment of any such taxes, Buyer shall provide Seller with an acceptable tax exemption certificate. Buyer agrees to indemnify Seller, and hold Seller harmless, and upon request, defend Seller, against any and all assessments, demands, causes of action, suits, or claims of any nature, whatsoever, including costs and attorney fees, incurred by Seller in connection with the payment or nonpayment of any applicable taxes, for the filing or failure to file any returns, which are required of Buyer by law or pursuant to this paragraph 4.
- Delivery and Shipment Dates.** Any dates and schedules for delivery of Products stated in Seller's quotation or acknowledgement represent Seller's best estimate made at the time of such quotation or acknowledgement, and are not binding upon Seller. Seller reserves the right to make deliveries in installments and to separately invoice Buyer for each installment. Seller shall have no liability, whatsoever, to Buyer, Buyer's customers, or any third party for direct, liquidated, consequential, incidental or indirect damages, losses or expenses resulting from delays in shipment of any Products or installments of Products.
- Freight.** All shipments are F.O.B., Seller's factory in Illinois. If Buyer specified shipment by "Pre-paid Freight", freight charges plus 10% (15% for same-day shipments), but not less than \$5.00 in any case, will be added to Buyer's invoice. If Buyer specified shipment by "Collect" or "Third Party", a \$5.00 handling charge per order will be added to Buyer's invoice. Any domestic orders placed after 2pm Central Time (12 noon for International orders) requiring same-day assembly will be charged a \$25 fee per item. Any domestic non-assembly orders placed after 3pm Central Time (2pm for International orders) requiring same-day shipping will be charged a \$25 fee per order. International orders placed after 3pm Central Time cannot be guaranteed for same-day shipping.
- Security.** Seller shall have, and Buyer hereby grants to Seller, a security interest in all Products sold to Buyer until full and complete payment has been received by Seller from Buyer for the Products. Buyer agrees to do all acts necessary to permit Seller to perfect and maintain such security interest.
- Returns.** Seller will review Buyer's request to return standard Products for credit or repair. Prior to returning any standard Product, Buyer must obtain Return Material Authorization from Seller. Except for valid warranty claims, no returns will be accepted after 90 days from the date of shipment. A minimum restocking charge will be charged on all non-warranty returns. All Resale items are subject to the Terms and Conditions as published by the original manufacturer. A copy of Seller's Return Material and Repair Policy is available upon request.
- Indemnification.** Buyer shall indemnify and defend Seller, and hold Seller harmless, from and against any and all claims, demands, causes of action, loss, or damage, including reasonable attorney fees, arising from or relating to the improper use or installation of any Product or any acts or omissions of Buyer.
- Limitation of Liability.** IN NO EVENT SHALL SELLER HAVE ANY LIABILITY, WHATSOEVER, TO BUYER, BUYER'S CUSTOMERS, OR ANY THIRD PARTY FOR SPECIAL, LIQUIDATED, CONSEQUENTIAL, INCIDENTAL OR INDIRECT LOSS OR DAMAGE OF ANY KIND, ARISING OUT OF, OR ALLEGED TO ARISE OUT OF, ANY PRODUCTS OR SELLER'S SALE THEREOF. SELLER'S LIABILITY FOR WARRANTY CLAIMS IS SOLELY AS SET FORTH IN SELLER'S LIMITED PRODUCT WARRANTY AS PROVIDED IN PARAGRAPH 11 OF THESE TERMS.
- Warranty.** Seller warrants its Products in accordance with Seller's Limited Product Warranty, a copy of which Buyer acknowledges receipt with these Terms, and which is incorporated herein by reference. SELLER DISCLAIMS THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, AND ANY IMPLIED WARRANTIES ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING, OR USAGE OF TRADE. SELLER SHALL NOT BE LIABLE TO BUYER OR ANY OTHER PARTY UNDER THIS WARRANTY FOR DIRECT, SPECIAL, CONSEQUENTIAL, INDIRECT OR INCIDENTAL DAMAGES OF ANY KIND.
- Cancellation.** No order for Products may be cancelled by Buyer without the prior written consent of Seller. In the event Seller consents to cancellation of any order placed by Buyer, Buyer agrees to reimburse Seller for any expenses incurred in developing, engineering, or manufacturing any Products to Buyer's specifications and for any Products shipped to Buyer prior to Seller's receipt of any notice of cancellation.
- Choice of Law.** All agreements between Seller and Buyer with respect to any Products, or the performance thereof, shall be construed in accordance with, and governed by, the laws of the State of Illinois.
- Jurisdiction.** Seller and Buyer hereby acknowledge and agree that this sale is entered into in DeKalb County, Illinois, and hereby further agree to submit themselves to the jurisdiction of the courts of DeKalb County, Illinois, with respect to any claim, controversy or dispute, whether in law or in equity, which arises from, or is alleged to arise from, or is in any way related to, this sale.
- Waiver.** Waiver by Seller of Buyer's breach of any of these Terms shall not be construed as a waiver of any other breach.
- Severability.** In the event any provision of these Terms shall be declared invalid or unenforceable by a court of competent jurisdiction, the remaining provisions of these Terms shall remain in full force and effect.