

LP-092916
 Effective August 29, 2016
 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-14E-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"	\$128	1100	2"	\$142	1100AT-R	3"	\$165	1100AT	3"	\$179
1100-RN	2"	\$159	1100-N	2"	\$173	1100AT-RN	3"	\$196	1100AT-N	3"	\$210
1100-RNX	2"	\$174	1100-NX	2"	\$188	1100AT-RNX	3"	\$211	1100AT-NX	3"	\$225
1100A-R	3"	\$144	1100A	3"	\$158	1100T-R	4"	\$190	1100T	4"	\$204
1100A-RN	3"	\$175	1100A-N	3"	\$189	1100T-RN	4"	\$221	1100T-N	4"	\$235
1100A-RNX	3"	\$190	1100A-NX	3"	\$204	1100T-RNX	4"	\$236	1100T-NX	4"	\$250
1100L-R	4"	\$166	1100L	4"	\$180	1100V-R †	2"	\$319	1100V †	2"	\$333
1100L-RN	4"	\$197	1100L-N	4"	\$211	1100V-RN †	2"	\$350	1100V-N †	2"	\$364
1100L-RNX	4"	\$212	1100L-NX	4"	\$226	1100V-RNX †	2"	\$365	1100V-NX †	2"	\$379

† 2" MPT

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"	\$321	1100S	2"	\$335
1100S-RN	2"	\$352	1100S-N	2"	\$366
1100S-RNX	2"	\$367	1100S-NX	2"	\$381
1100LS-R	4"	\$395	1100LS	4"	\$409
1100LS-RN	4"	\$426	1100LS-N	4"	\$440
1100LS-RNX	4"	\$441	1100LS-NX	4"	\$455

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"	\$137	1100C	2"	\$151
1100C-RN	2"	\$168	1100C-N	2"	\$182
1100C-RNX	2"	\$183	1100C-NX	2"	\$197
1100LC-R	4"	\$177	1100LC	4"	\$191
1100LC-RN	4"	\$208	1100LC-N	4"	\$222
1100LC-RNX	4"	\$223	1100LC-NX	4"	\$237

INJECTORS (LIQUID RECIRCULATING)	
REF: BULLETIN VB-14E-01	
Injector No.	List Price
2020SL	\$402
2100SL	\$520
2075WCB	\$703
2100WCB	\$733
2100WCBA	\$733
2125WA	\$716
2150WA	\$908
2200WA	\$1,711
2250WA	\$2,457

ORDERING INSTRUCTIONS:

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

FLOAT SWITCH (SS Chamber)	
Part No.	List Price
SSLL	\$954
SSLLE*	\$1,449
REPLACEMENT SWITCH ASSY	
SSLLSW†	\$504
INTERNAL FLOAT SWITCH	
HAP85	\$1,456

*Level Eye welded on chamber
†includes DIN connection

GAUGES (GLYCERIN FILLED)	
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	\$134
30"-300 psi, 4" Dia.	
88-025	\$134

*Bottom 1/4"MPT, with ammonia temperature scale

FILTERS/STRAINERS		
REF: BULLETIN VB-14E-01		
Filter Number	List Price	w/flanges
510-1/2" FPT angle	\$196	-
510-3/4" FPT angle	\$196	-
575-3/4" FPT angle	\$397	-
575-1" FPT angle	\$397	-
575-1-1/4" FPT angle	\$397	-
S701JRP, 1/2" or 3/4"	\$226	\$283
S701, 1"	\$247	\$304
S701A, 2"	\$656	\$759
S701B, 3"	\$1,096	\$1,235

NOTES:

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

FLANGES						
REF: BULLETIN VB-14E-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	\$30	4-MT or 4FT	\$36	N/A	-
3/4" oval	6-MS or 6-FS	\$30	6-MT or 6FT	\$36	N/A	-
1" oval	8-MSO or 8-FSO	\$30	8-MTO or 8-FTO	\$36	N/A	-
1" sq.	8-MS or 8-FS	\$45	8-MT or 8-FT	\$52	N/A	-
1-1/4" sq.	10-MS or 10-FS	\$45	10-MT or 10FT	\$52	10-MW or 10-FW	\$115
1-1/2" sq.	12-MS or 12-FS	\$58	12-MT or 12-FT	\$69	12-MW or 12-FW	\$137
2"sq.	16-MS or 16-FS	\$58	16-MT or 16-FT	\$69	16-MW or 16-FW	\$148
2-1/2" sq.	20-MS or 20-FS	\$71	N/A	-	20-MW or 20-FW	\$176
3" sq.	24-MS or 24-FS	\$75	N/A	-	24-MW or 24-FW	\$206
4" sq.	32-MS or 32-FS	\$88	N/A	-	32-MW or 32-FW	\$258
5" rd.	40-MS or 40-FS	\$232	N/A	-	40-MW or 40-FW	\$431
6" rd.	48-MS or 48-FS	\$258	N/A	-	48-MW or 48-FW	\$492
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-14E-01						
Size	Socket Weld		Threaded		Weld Neck	
	Part No.	List Price	Part No.	List Price	Part No.	List Price
1/2" oval	U-4S	\$68	U-4T	\$80	N/A	-
3/4" oval	U-6S	\$68	U-6T	\$80	N/A	-
1" oval	U-8SO	\$68	U-8TO	\$80	N/A	-
1" sq.	U-8S	\$102	U-8T	\$116	N/A	-
1-1/4" sq.	U-10S	\$102	U-10T	\$116	U-10W	\$242
1-1/2" sq.	U-12S	\$128	U-12T	\$150	U-12W	\$286
2"sq.	U-16S	\$132	U-16T	\$154	U-16W	\$312
2-1/2" sq.	U-20S	\$158	N/A	-	U-20W	\$372
3" sq.	U-24S	\$170	N/A	-	U-24W	\$432
4" sq.	U-32S	\$205	N/A	-	U-32W	\$545
5" rd.	U-40S	\$504	N/A	-	U-40W	\$902
6" rd.	U-48S	\$557	N/A	-	U-48W	\$1,025
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

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

REF: BULLETIN VB-14E-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"*	\$906	\$1,132	\$838	\$140	\$780	\$1,744	\$490	\$192
700XH	1", 1 1/4"	\$1,003	\$1,250	\$901	\$140	\$780	\$1,744	\$490	\$192
700AXH	1 1/2", 2"	\$1,523	\$2,178	\$1,391	\$180	\$780	\$1,744	\$490	\$192
700BXH	3" **	\$2,364	\$3,459	\$2,194	\$262	\$780	\$1,744	\$490	\$192

FOR USE WITH HALOCARBONS

700JRHF	1/2", 3/4"* (IPS)	\$906	\$1,132	\$838	\$140	\$891	\$1,855	\$601	\$192
	1 1/8", 1 3/8" (ODC)	\$1,002	\$1,228	\$838	N/A	\$891	\$1,855	\$601	\$192
700XHF	1", 1 1/4" (IPS)	\$1,003	\$1,250	\$901	\$140	\$891	\$1,855	\$601	\$192
	1 5/8" (ODC)	\$1,121	\$1,368	\$901	N/A	\$891	\$1,855	\$601	\$192
700AXHF	1 1/2", 2" (IPS)	\$1,523	\$2,178	\$1,391	\$180	\$891	\$1,855	\$601	\$192
	2 1/8" (ODC)	\$1,559	\$2,214	\$1,391	N/A	\$891	\$1,855	\$601	\$192
700BXHF	3" (IPS)**	\$2,364	\$3,459	\$2,194	\$262	\$891	\$1,855	\$601	\$192
	3 1/8" (ODC)	\$2,490	\$3,585	\$2,194	N/A	\$891	\$1,855	\$601	\$192

NOTE: Pilot Line Kit available for R717: **PLK-700H-A \$187 LIST**

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

For halocarbons: **PLK-700H-F \$194 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-14E-01			
Valve Number	Valve w/ Chamber		Valve Only (Zinc Plated)
	Cast	Steel	
FOR USE WITH AMMONIA (R717)			
270A	\$754	\$1,718	\$464
270AX	\$1,254	\$2,218	\$964
270AY	\$1,688	\$2,652	\$1,398
FOR USE WITH HALOCARBONS			
270AF	\$754	\$1,718	\$464
270AXF	\$1,254	\$2,218	\$964
270AYF	\$1,688	\$2,652	\$1,398
MOUNTING FLANGE (FOR SERIES 270A) 2-1/2" SOCKET WELD			
Flange Number	List Price		
298A*	\$114		

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	\$3,880	\$4,687
RC-075	\$3,917	\$4,748
RC-100	\$4,091	\$4,922
RC-125	\$4,235	\$5,066
RC-150	\$5,436	\$6,267
RC-200	\$5,631	\$6,690
RC-250	\$6,120	\$7,735
RC-300	\$7,793	\$9,676
RC-400	\$8,245	\$10,696

* 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-14E-01.

ORDERING INSTRUCTIONS:

Same as above for Pilot Valve and Pilot Float Valve.

THREE-WAY VALVES SERIES 3000	
REF: BULLETIN VB-14E-01	
Valve Number	List Price (Zinc Plated)
3000N-3/4"	\$2,017
3000AN-1-1/4"	\$2,800

ORDERING INSTRUCTIONS:

1. Voltage
2. Hertz

CHECK VALVES: IN-LINE DISC TYPE SERIES 600				
REF: BULLETIN VB-14E-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"	\$210	\$140	\$142
600J	1 1/4" 1 1/2"	\$304	\$140	\$176
600AJ	1 1/2", 2"	\$446	\$180	\$314
600BJ*	3"	\$822	\$262	\$652
600DJ*	4"	\$1,217	\$340	\$1,012
ALL STEEL BODY				
600K*	1", 1 1/4"	\$379	\$140	\$277
600AK*	1 1/2", 2"	\$494	\$180	\$362

ORDERING INSTRUCTIONS:

1. Valve Number
2. Flange Size, Type
- * Gravity drain - add suffix 'S' if Heavy Spring is required (e.g. 600AKS).

CHECK VALVES: IN-LINE PISTON TYPE, FLANGED SERIES 700X				
REF: BULLETIN VB-14E-01				
Valve Number	Flange Conn's I.P.S. Thd. or Socket, ODC (Copper Connections)	Valve w/ Flanges	add for Weld Neck Flanges	Valve Only (Zinc Plated as Standard)
FOR USE WITH AMMONIA (R717)				
700JRX	1/2", 3/4"	\$431	\$140	\$363
700X	1", 1 1/4"	\$551	\$140	\$449
700AX	1 1/2", 2"	\$834	\$180	\$702
700BX	3"	\$1,228	\$262	\$1,058
FOR USE WITH HALOCARBONS				
700JRXF	1/2", 3/4"* (IPS)	\$431	\$140	\$363
	1 1/8", 1 3/8" (ODC)	\$527	N/A	\$363
700XF	1", 1 1/4" (IPS)	\$551	\$140	\$449
	1 5/8" (ODC)	\$669	N/A	\$449
700AXF	1 1/2", 2" (IPS)	\$834	\$180	\$702
	2 1/8" (ODC)	\$870	N/A	\$702
700BXF	3" (IPS)	\$1,228	\$262	\$1,058
	3 1/8" (ODC)	\$1,354	N/A	\$1,058

ORDERING INSTRUCTIONS:

1. Valve Number
2. Spring Differential (2, 5, 10, 20, 35, 50, 60, and 70 lbs.)
3. Flange Size, 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-14E-01

Valve Number	Flange Conn's I.P.S.; Thd. or Socket, ODC (Copper Connectors)	Valve w/ Flanges	add for Weld Neck Flanges	Valve Only (Zinc Plated as Standard)
FOR USE WITH AMMONIA (R717)				
700JRS	1/2", 3/4"	\$497	\$140	\$429
700XS	1", 1 1/4"	\$611	\$140	\$509
700AXS	1 1/2", 2"	\$908	\$180	\$776
700BXS	3"	\$1,284	\$262	\$1,114
FOR USE WITH HALOCARBONS				
700JRSF	1/2", 3/4" (IPS)	\$497	\$140	\$429
	1 1/8", 1 3/8" (ODC)	\$593	N/A	\$429
700XSF	1", 1 1/4" (IPS)	\$611	\$140	\$509
	1 5/8" (ODC)	\$729	N/A	\$509
700AXSF	1 1/2", 2" (IPS)	\$908	\$180	\$776
	2 1/8" (ODC)	\$944	N/A	\$776
700BXSF	3" (IPS)*	\$1,284	\$262	\$1,114
	3 1/8" (ODC)	\$1,410	N/A	\$1,114

ORDERING INSTRUCTIONS:

*Socket Weld Only

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 Conn's I.P.S.; Thd. or Socket, ODC (Copper Connectors)	Valve w/ Flanges	add for Weld Neck Flanges	Valve Only (Zinc Plated as Standard)
FOR USE WITH AMMONIA (R717)				
700XT	1", 1 1/4"	\$681	\$140	\$579
700AXT	1 1/2", 2"	\$1,152	\$180	\$1,020
700BXT	3"	\$1,782	\$262	\$1,612
FOR USE WITH HALOCARBONS				
700XTF	1", 1 1/4" (IPS)	\$681	\$140	\$579
	1 5/8" (ODC)	\$799	N/A	\$579
700AXTF	1 1/2", 2" (IPS)	\$1,152	\$180	\$1,020
	2 1/8" (ODC)	\$1,188	N/A	\$1,020
700BXTF	3" (IPS)*	\$1,782	\$262	\$1,612
	3 1/8" (ODC)	\$1,908	N/A	\$1,612

ORDERING INSTRUCTIONS:

*Socket Weld Only

1. Valve Number
2. Flange Size, Type

**LOW SIDE FLOAT VALVES
FIXED LEVEL - DIRECT FEED
(INTERNAL MOUNT)
SERIES 300H**

REF: BULLETIN VB-14E-01

Valve Number	List Price (Zinc Plated)	Valve Number	List Price (Zinc Plated)
FOR USE WITH AMMONIA (R717)		FOR USE WITH HALOCARBONS	
300H	\$811	300HF	\$845
300HD	\$830	300HDF	\$864
300HM	\$834	300HMF	\$868
300HMD	\$852	300HMDF	\$886
300A	\$1,076	300AF	\$1,118
300AM	\$1,113	300AMF	\$1,155

Note: Valves can be applied as pilots for Series 701 Pilot Operated Valves. Add \$1062 for 398A Steel Chamber

**LOW SIDE FLOAT VALVES
FIXED LEVEL - REMOTE FEED
(INTERNAL MOUNT)
SERIES 301H**

REF: BULLETIN VB-14E-01

Valve Number	List Price (Zinc Plated)
FOR USE WITH AMMONIA (R717)	
301H	\$1,498
301A	\$1,517

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

REF: BULLETIN VB-14E-01

Valve Number	Valve Only (Zinc Plated)	Valve w/ Chamber
FOR USE WITH AMMONIA (R717)		
301E	\$814	\$1,876
301G	\$974	\$2,036
301J	\$1,164	\$2,226
301K	\$1,202	\$2,264
FOR USE WITH HALOCARBONS		
301EF	\$895	\$1,957
301GF	\$1,004	\$2,066
301JF	\$1,194	\$2,256

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

Flange Number	List Price
399 (3" F.P.T.)	\$120
300WF3 (3" S.W.)	\$151

**LOW SIDE OIL FEED VALVE
(FOR ALL REFRIGERANT OILS)
SERIES 275**

REF: BULLETIN VB-14E-01

Valve	Valve Only (Zinc Plated)	Valve with Cast Chamber
275AF	\$456	\$746

**HIGH SIDE OIL DRAIN VALVE
(FOR ALL REFRIGERANT OILS)
SERIES 270A**

REF: BULLETIN VB-14E-01

Valve Number	Valve Only (Zinc Plated)	Valve with Cast Chamber
270A	\$464	\$754

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

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

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

REF: BULLETIN VB-14E-01

Valve Number	Valve Only (Zinc Plated)	Valve w/ Chamber
FOR USE WITH AMMONIA (R717)		
101	\$1,465	\$3,101
101A	\$1,629	\$3,684
FOR USE WITH HALOCARBONS		
101F	\$1,526	\$3,163
101AF	\$1,886	\$3,942

+ See below for ordering instructions

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

REF: BULLETIN VB-14E-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	$\frac{3}{8}$ " $\frac{9}{16}$ "	S701JR	$\frac{1}{2}$ " $\frac{3}{4}$ " *	\$947	\$1,173	\$879	\$136	101VP18 - $\frac{3}{32}$ "	\$3,101	\$1,465
701S	$\frac{9}{16}$ " $\frac{23}{32}$ "	S701	1" $1\frac{1}{4}$ "	\$1,044	\$1,291	\$942	\$136	101VP18 - $\frac{3}{32}$ "	\$3,101	\$1,465
701AS	$\frac{7}{8}$ " $\frac{23}{32}$ "	S701A	$1\frac{1}{2}$ " 2"	\$1,618	\$2,274	\$1,486	\$174	101VP26 - $\frac{1}{8}$ "	\$3,684	\$1,629
701BS	$1\frac{1}{4}$ "	S701B	3" (SW or WN)	\$3,040	\$4,136	\$2,870	\$254	101VP26 - $\frac{5}{32}$ "	\$3,684	\$1,629
701BXS	$1\frac{9}{16}$ "	S701B	4" (Weld Neck)	\$3,398	\$4,494	\$3,193	N/A	101VP26 - $\frac{3}{16}$ "	\$3,684	\$1,629

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	$\frac{3}{8}$ " $\frac{9}{16}$ "	S701JR	$\frac{1}{2}$ " $\frac{3}{4}$ " (IPS) *	\$947	\$1,173	\$879	\$136	101VPF18 - $\frac{3}{32}$ "	\$3,163	\$1,526
			$1\frac{1}{8}$ " $1\frac{3}{8}$ " (ODC)	\$1,043	\$1,269	\$879	N/A		\$3,163	\$1,526
701SF	$\frac{9}{16}$ " $\frac{23}{32}$ "	S701	1" $1\frac{1}{4}$ "	\$1,044	\$1,291	\$942	\$136	101VPF18 - $\frac{3}{32}$ "	\$3,163	\$1,526
			$1\frac{5}{8}$ " (ODC)	\$1,162	\$1,409	\$942	N/A		\$3,163	\$1,526
701ASF	$\frac{7}{8}$ " $\frac{23}{32}$ "	S701A	$1\frac{1}{2}$ " 2" (IPS)	\$1,618	\$2,274	\$1,486	\$174	101VPF26 - $\frac{1}{8}$ "	\$3,942	\$1,886
			$2\frac{1}{8}$ " (ODC)	\$1,654	\$2,310	\$1,486	N/A		\$3,942	\$1,886
701BSF	$1\frac{1}{4}$ "	S701B	3" (IPS) SW or WN	\$3,040	\$4,136	\$2,870	\$254	101VPF26 - $\frac{5}{32}$ "	\$3,942	\$1,886
			$3\frac{1}{8}$ " (ODC)	\$3,166	\$4,262	\$2,870	N/A		\$3,942	\$1,886
701BXS	$1\frac{9}{16}$ "	S701B	4" (Weld Neck)	\$3,398	\$4,494	\$3,193	N/A	101VPF26 - $\frac{3}{16}$ "	\$3,942	\$1,886

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

NOTE: Pilot Line Kit available for R717: PLK-701S-A, \$484; for Halocarbons: PLK-701S-F, \$311

Kits include $\frac{1}{4}$ " 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-14E-01

Valve Number	Valve Only (Zinc Plated)	Valve w/ Chamber
FOR USE WITH AMMONIA (R717)		
301E	\$814	\$1,876
301G	\$974	\$2,036
301J	\$1,164	\$2,226
301K	\$1,202	\$2,264
FOR USE WITH HALOCARBONS		
301EF	\$895	\$1,957
301GF	\$1,004	\$2,066
301JF	\$1,194	\$2,256

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

REF: BULLETIN VB-14E-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	$\frac{3}{8}$, $\frac{9}{16}$ "	S701JR	$\frac{1}{2}$ ", $\frac{3}{4}$ " *		\$947	\$1,173	\$879	\$136	301E	$\frac{3}{32}$, $\frac{1}{8}$ "	\$1,876	\$814
701S	$\frac{9}{16}$, $\frac{23}{32}$ "	S701	1", 1 $\frac{1}{4}$ "		\$1,044	\$1,291	\$942	\$136	301E	$\frac{3}{32}$, $\frac{1}{8}$ "	\$1,876	\$814
701AS	$\frac{7}{8}$, $\frac{23}{32}$ "	S701A	1 $\frac{1}{2}$ ", 2"		\$1,618	\$2,274	\$1,486	\$174	301E	$\frac{1}{8}$ "	\$1,876	\$814
701BS	1 $\frac{1}{4}$ "	S701B	3" (SW or WN)		\$3,040	\$4,136	\$2,870	\$254	301G	$\frac{5}{32}$ "	\$2,036	\$974
701BXS	1 $\frac{9}{16}$ "	S701B	4" (Weld neck)		\$3,398	\$4,494	\$3,193	N/A	301J	$\frac{3}{16}$ "	\$2,226	\$1,164

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	$\frac{3}{8}$, $\frac{9}{16}$ "	S701JR	$\frac{1}{2}$ ", $\frac{3}{4}$ " (IPS) *		\$947	\$1,173	\$879	\$136	301EF	$\frac{3}{32}$, $\frac{1}{8}$ "	\$1,957	\$895
			1 $\frac{1}{8}$ ", 1 $\frac{3}{8}$ " (ODC)		\$1,043	\$1,269	\$879	N/A			\$1,957	\$895
701SF	$\frac{9}{16}$, $\frac{23}{32}$ "	S701	1", 1 $\frac{1}{4}$ " (IPS)		\$1,044	\$1,291	\$942	\$136	301EF	$\frac{3}{32}$, $\frac{1}{8}$ "	\$1,957	\$895
			1 $\frac{5}{8}$ " (ODC)		\$1,162	\$1,409	\$942	N/A			\$1,957	\$895
701ASF	$\frac{7}{8}$, $\frac{23}{32}$ "	S701A	1 $\frac{1}{2}$ ", 2" (IPS)		\$1,618	\$2,274	\$1,486	\$174	301EF	$\frac{1}{8}$ "	\$1,957	\$895
			2 $\frac{1}{8}$ " (ODC)		\$1,654	\$2,310	\$1,486	N/A			\$1,957	\$895
701BSF	1 $\frac{1}{4}$ "	S701B	3" (IPS) SW or WN		\$3,040	\$4,136	\$2,870	\$254	301GF	$\frac{5}{32}$ "	\$2,066	\$1,004
			3 $\frac{1}{8}$ " (ODC)		\$3,166	\$4,262	\$2,870	N/A			\$2,066	\$1,004
701BXSF	1 $\frac{9}{16}$ "	S701B	4" (Weld Neck)		\$3,398	\$4,494	\$3,193	N/A	301JF	$\frac{3}{16}$ "	\$2,256	\$1,194

*Available with 1" threaded flanges, add \$12 LIST NOTE: Pilot Line Kit available for R717: PLK-701S-A, \$484; for Halocarbons: PLK-701S-F, \$311
Kits include Solenoid Valve, Angle Valve, Pressure Gauge and Gauge Valve.

ORDERING INSTRUCTIONS:

For Pilot Operated Valve:

1. Pilot Operated Valve Number
2. Orifice Size
3. Metering Plug
4. Spring
5. Flange Size, Type
6. Strainer (if required)
7. Valve Serial No., if replacement

For Pilot Float Valve:

1. Float Valve Number
2. Orifice Size
3. Chamber requirement
4. Valve Serial No., if replacement

For Pilot Kit: 1. Voltage 2. Hertz

FOR FACTORY SELECTION ASSISTANCE, ADVISE:

1. Refrigerant
2. Upstream and downstream pressures
3. Capacity
4. 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
K270A2	262A & 263A Seat & Needle; 73 Gasket
K270AX	262A & 263A Seat & Needle; 73 Gasket
K270AY	262AY & 263AY Seat & Needle; 73 Gasket
K270AZ	262AZ & 263AZ Seat & Needle; 73 Gasket
K275AP1	262 & 403S Seat & Needle; 73 Gasket
K275AP2	262A & 263A Seat & Needle; 73 Gasket
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 $\frac{5}{32}$; $\frac{3}{16}$	\$404
K101AB	101AB	$\frac{3}{8}$; $\frac{1}{2}$	\$736
K101ABF	101ABF	$\frac{3}{8}$; $\frac{1}{2}$	\$738
K101B	101B	$\frac{3}{8}$; $\frac{1}{2}$; $\frac{5}{8}$	\$743
K101BF	101BF	$\frac{3}{8}$; $\frac{1}{2}$; $\frac{5}{8}$	\$743
K152K	101, 101VP18	$\frac{5}{64}$ to $\frac{5}{32}$; $\frac{3}{16}$	\$475
K152K26	101VP-26" chamber	$\frac{1}{8}$; $\frac{5}{32}$; $\frac{3}{16}$	\$466
K152KF18	101F; 101VPF-18" chamber	$\frac{5}{64}$ to $\frac{5}{32}$; $\frac{3}{16}$	\$466
K152KF26	101VPF-26" chamber	$\frac{1}{8}$; $\frac{5}{32}$; $\frac{3}{16}$	\$490
K152KCP	101CP	$\frac{5}{64}$ to $\frac{5}{32}$; $\frac{3}{16}$	\$466
K152KCPF	101CPF	$\frac{5}{64}$ to $\frac{5}{32}$; $\frac{3}{16}$	\$490
K152L	101A	$\frac{3}{16}$; $\frac{1}{4}$; $\frac{5}{16}$; $\frac{3}{8}$; $\frac{13}{32}$	\$652
K152L18	101A-18" chamber	$\frac{1}{4}$	\$661
K152LF	101AF	$\frac{1}{4}$; $\frac{5}{16}$; $\frac{3}{8}$; $\frac{13}{32}$	\$652
K152LF18	101F-18" chamber	$\frac{1}{4}$	\$652
K152LCP	101CP	$\frac{1}{4}$; $\frac{5}{16}$; $\frac{3}{8}$	\$652
K152LCPF	101CPF	$\frac{1}{4}$; $\frac{5}{16}$; $\frac{3}{8}$	\$676
K210	210	$\frac{3}{32}$ to $\frac{9}{64}$	\$350
K210A	210A	$\frac{5}{32}$; $\frac{3}{16}$; $\frac{7}{32}$	\$387
K270A1	270A, 270AF, 275AF	$\frac{1}{16}$; $\frac{5}{64}$; $\frac{3}{32}$	\$247
K270A2	270A, 270AF, 275AF	$\frac{1}{8}$; $\frac{3}{16}$	\$287
K270AX	270AX	$\frac{13}{64}$	\$287
K270AY	270AY	$\frac{3}{8}$	\$884
K270AZ	270AZ; 270AZA; 270AZAZ	0.234	\$401
K275AP1	275AP; 275APF	$\frac{1}{16}$; $\frac{5}{64}$; $\frac{3}{32}$	\$247
K275AP2	275AP; 275APF	$\frac{1}{8}$; $\frac{3}{16}$	\$287
K280	225; 225B; 250; 250CB; 250P; 250L; 250VPF; 251CP	$\frac{5}{64}$ to $\frac{5}{32}$	\$519
K280-6	250VP (R717 only)	$\frac{7}{64}$; $\frac{9}{64}$; $\frac{5}{32}$	\$519
K310	300; 300H; 300HM; 300J; 300P; 300Y; 301E	$\frac{5}{64}$; $\frac{3}{32}$; $\frac{7}{64}$; $\frac{1}{8}$; $\frac{9}{64}$	\$353
K310A	300A; 300AM; 300YA; 301G	$\frac{5}{32}$; $\frac{3}{16}$; $\frac{7}{32}$	\$385
K310AX	300A; 300AM; 301G	$\frac{9}{32}$	\$656
K355	301; 301H; 301J; 301K; 301D; 301A	$\frac{3}{16}$; $\frac{7}{32}$; $\frac{9}{32}$	\$728

*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, $1\frac{1}{4}$	\$144
K600A	600A; 600AK	$1\frac{1}{2}$, 2	\$205
K600AJ	600AJ	$1\frac{1}{2}$, 2	\$169
K600BJ	600BJ	3	\$395
K600DJ	600DJ	4	\$405
K600J	600J	$1\frac{1}{4}$, $1\frac{1}{2}$	\$107
K 600JR	600JR	$\frac{1}{2}$, $\frac{3}{4}$, 1	\$78

KITS: CHECK VALVES (PISTON TYPE)			
Kit Catalog No.	For Valve	Line Size (In.)	List Price
K700JR	700JR; 700JRS; 700JRX; 700JRH; 700JRXH	$\frac{1}{2}$; $\frac{3}{4}$	\$33
K700	700; 700S; 700H	1, $1\frac{1}{4}$	\$51
K700A	700A; 700AS; 700AH	$1\frac{1}{2}$, 2	\$219
K700B	700B; 700BS; 700BH	3	\$175
K700X	700X; 700XS; 700XH	1, $1\frac{1}{4}$	\$43
K700AX	700AX; 700AXS; 700AXH	$1\frac{1}{2}$, 2	\$54
K700BX	700BX; 700BXS; 700BXH	3	\$95

KITS: LOW SIDE PILOT OPERATED VALVES			
Kit Catalog No.	For Valve	Line Size (in.)	List Price
K701JR	701JR; 701JRS	$\frac{1}{2}$; $\frac{3}{4}$	\$35
K701	701; 701S	1, $1\frac{1}{4}$	\$41
K701A	701A; 701AS	$1\frac{1}{2}$, 2	\$53
K701B	701B; 701BS	3	\$74

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	$\frac{3}{4}$	\$197
K3000PS	3000 & 3000N	$\frac{3}{4}$	\$728
K3000A	3000A	$1\frac{1}{4}$	\$292
K3000APS	3000A	$1\frac{1}{4}$	\$1,073

*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, $1\frac{1}{4}$	\$472
K700AXT	700AXT	$1\frac{1}{2}$, 2	\$762
K700BXT	700BXT	3	\$1,244

KITS: LEVEL EYE®		
Kit Catalog No.	For Level Eye®	List Price
K1100	Clear Level Eye®	\$82
K1100R	Reflex Level Eye®	\$68

KITS: INTERRUPTING VALVES			
Kit Catalog No.	For Valve	Line Size (in.)	List Price
K700AP	700AP	$1\frac{1}{2}$, 2	\$308
K700BP	700BP	3	\$708

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	\$336	75K	O-RING	\$9	290S	STOP	\$13
2S&403S	SEAT & NEEDLE	\$266	79	FLOAT	\$209	291	CAP	\$63
4	ADJUSTING NUT	\$41	84	PIPE PLUG	\$7	292	GASKET	\$8
4B	ADJUSTING NUT	\$41	87	LOCK NUT	\$4	293	GLAND	\$11
5-2	SPRING	\$53	87S	LOCK NUT	\$11	294	STEM	\$74
5-2A	SPRING	\$17	88	LOCK NUT	\$5	296	SCREW	\$8
5-30A	SPRING	\$8	90P	PIPE PLUG	\$17	302D	DISC	\$28
5-60L	SPRING	\$32	107	O-RING	\$5	307	BOSS	\$118
5-61	SPRING	\$9	108	O-RING	\$5	307A	BOSS	\$192
5AB45	SPRING	\$32	151B	GLAND	\$97	307ACB	BOSS	\$126
6	SPRING CONE	\$28	152B&153B	SEAT & PLUNGER	\$690	307B	BOSS	\$197
6T	SPRING CONE	\$37	152KCP	CARTRIDGE	\$448	307E	BOSS	\$202
7	STEM	\$98	152LCP	CARTRIDGE	\$634	307G	BOSS	\$115
7B	STEM	\$50	204E	ADJUSTING NUT	\$33	307H	BOSS	\$199
8	GLAND	\$25	213A	FLOAT BLOCK	\$133	307J	BOSS	\$115
8B	GLAND	\$69	215CB	FLOAT BLOCK	\$108	308	PUSHER	\$58
9B	BONNET	\$217	220	FLOAT	\$237	308A	PUSHER	\$70
9BF	BONNET	\$686	220A	FLOAT	\$121	308ACB	PUSHER	\$292
9BP	BONNET	\$686	220PS	FLOAT	\$597	309	GASKET	\$4
9F	BONNET	\$182	220PSF	FLOAT	\$747	310	CARTRIDGE	\$285
10B	LEVER	\$213	224	LOCK NUT	\$7	310A	CARTRIDGE	\$310
10CP	LEVER	\$177	227	CAP SCREW	\$4	310AX	CARTRIDGE	\$359
11	LEVER PIN	\$10	228	STOP	\$9	313	FLOAT ROD	\$53
11&SPACER	LEVER PIN	\$20	228A	SCREW	\$11	313A	FLOAT ROD	\$76
11B	LEVER PIN	\$11	230A	FLOAT BLOCK	\$41	313AM	FLOAT ROD	\$69
11S	LEVER PIN	\$14	230X	FLOAT BLOCK	\$157	313CP	FLOAT ROD	\$129
11-210/11-215	O-RING	\$8	230Z	FLOAT BLOCK	\$53	313HM	FLOAT ROD	\$66
11-216/11-229	O-RING	\$11	231	LINK	\$8	314	CAM NEEDLE	\$55
12	PIPE PLUG	\$7	243CB	FLOAT ROD	\$18	314A	CAM NEEDLE	\$57
13	BUSHING	\$148	262&403S	SEAT BSHG. & NEEDLE	\$227	314E	CAM NEEDLE	\$59
14	PLUG	\$64	262A&263A	SEAT BSHG. & NEEDLE	\$267	314J	CAM NEEDLE	\$57
14CB	PLUG	\$64	262AY&263AY	SEAT BSHG. & NEEDLE	\$864	315ACB	FLOAT BLOCK	\$389
15	SPRING	\$11	262AZ&263AZ	SEAT BSHG. & NEEDLE	\$381	315P	FLOAT BLOCK	\$74
16	SPRING CONE	\$21	265C	SPRING	\$11	315PA	FLOAT BLOCK	\$121
18	SCREEN	\$57	265D-S	SPRING	\$14	315PM	FLOAT BLOCK	\$145
19	GASKET	\$5	265E	SPRING	\$10	315R	FLOAT BLOCK	\$106
55	LOCK WASHER	\$4	267	FLOAT	\$287	315WA	FLOAT BLOCK	\$107
55A	LOCK WASHER	\$4	267AZAZ	FLOAT	\$522	315WCB	FLOAT BLOCK	\$65
56	Cotter Pin	\$4	267F	FLOAT	\$449	316	SET SCREW	\$8
63	Gasket	\$5	267Y	FLOAT	\$449	317J	NEEDLE	\$43
63W	GASKET	\$5	267YA	FLOAT	\$449	318P	STOP	\$33
67-8"	FLOAT	\$553	270M	ADJUSTING NUT	\$25	319P	ADJUSTING PIECE	\$11
67-16"	FLOAT	\$590	272AY	PUSHER	\$138	321M	FLOAT	\$133
67F-8"	FLOAT	\$516	272M	PUSHER	\$94	321MF	FLOAT	\$167
67F-16"	FLOAT	\$566	273AY	GLAND	\$192	321WCB	FLOAT	\$352
68-8"	FLOAT	\$750	273M	GLAND	\$105	322	LOCK NUT	\$4
68-12"	FLOAT	\$775	275	FLOAT BLOCK	\$97	324	LOCK NUT	\$4
68F-8"	FLOAT	\$799	276	LEVER	\$37	324S	LOCK NUT	\$11
68F-12"	FLOAT	\$807	277	LINK	\$71	325	CAP SCREW	\$5
69	FLOAT	\$1,046	278	LINK	\$71	325WCB	CAP SCREW	\$5
73	GASKET	\$9	280	CARTRIDGE	\$514	326	GASKET	\$9
73L	GASKET	\$9	285A	SPRING	\$7	326KZ	GASKET	\$16
75H	O-RING	\$14	289	GASKET	\$7	326Y	GASKET	\$9

REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE
326YA	GASKET	\$14	602A	BACK PLATE	\$169	700-4JRH	PISTON	\$226
327P	STEM	\$113	602AK	GUIDE PIECE	\$130	700-4JRSS	PISTON	\$282
328E	GLAND	\$84	602BJ	BACK PLATE	\$187	700-4JRX	PISTON	\$121
331-15	FLOAT	\$551	602DJ	BACK PLATE	\$261	700-4X	PISTON	\$121
331-15F	FLOAT	\$575	602K	GUIDE PIECE	\$112	700-4XH	PISTON	\$169
333	PIPE PLUG	\$7	603AJ	TEFLON RING	\$41	700-4XT	PISTON	\$242
334CB	CONNECTOR	\$57	603BJ	TEFLON RING	\$57	700-7	FLUSH PLUG	\$33
343	FLOAT ROD	\$33	603DJ	TEFLON RING	\$86	700-7AQ	FLUSH PLUG	\$121
343A	FLOAT ROD	\$17	603J	TEFLON RING	\$33	700-7AX	FLUSH PLUG	\$51
343AZ	FLOAT ROD	\$71	603JR	TEFLON RING	\$18	700-7AXH	METERING PLUG	\$141
343CP	FLOAT ROD	\$57	604	VALVE PIECE	\$112	700-7AXS	FLUSH PLUG	\$63
343D	FLOAT ROD	\$36	604A	VALVE PIECE	\$162	700-7AXT	FLUSH PLUG	\$121
343H	FLOAT ROD	\$57	604AJ	VALVE PIECE	\$133	700-7BX	FLUSH PLUG	\$175
343WA	FLOAT ROD	\$108	604B	VALVE PIECE	\$371	700-7BXH	METERING PLUG	\$224
343WCB	FLOAT ROD	\$13	604BJ	VALVE PIECE	\$345	700-7BXS	FLUSH PLUG	\$175
355	CARTRIDGE	\$723	604DJ	VALVE PIECE	\$561	700-7H_	METERING PLUG	\$141
356	SPRING	\$7	604J	VALVE PIECE	\$79	700-7JR	FLUSH PLUG	\$29
357	ADJUSTING SCREW	\$13	604JR	VALVE PIECE	\$54	700-7JRH	METERING PLUG	\$108
358	PUSHER	\$79	605A1	SPRING	\$16	700-7JRS	FLUSH PLUG	\$92
359	LOCK NUT	\$5	605A4	SPRING	\$14	700-7S	FLUSH PLUG	\$95
363	PLUG	\$76	605AJ	SPRING	\$18	700-7T	FLUSH PLUG	\$80
364	GASKET	\$14	605B	SPRING	\$34	702APN	BONNET	\$819
365	GASKET	\$5	605BJ	SPRING	\$32	702AS	BONNET	\$217
369	ADJUSTING SCREW	\$20	605BJS	SPRING	\$42	702BPN	BONNET	\$1,353
369A	STOP SCREW	\$14	605DJ	SPRING	\$41	702BS	BONNET	\$398
370	FLOAT	\$412	605DJS	SPRING	\$79	702BT	BONNET	\$356
370A	FLOAT	\$453	605JR	SPRING	\$16	702BXS	BONNET	\$422
370M	FLOAT	\$276	608AJ	BACK PLATE RING	\$38	702JRS	BONNET	\$121
370MF	FLOAT	\$318	608BJ	BACK PLATE RING	\$46	702S	BONNET	\$121
377	STEM	\$51	608DJ	BACK PLATE RING	\$71	702T	BONNET	\$175
411	LEVER PIN	\$15	608J	BACK PLATE RING	\$32	703	SEAT DISC	\$18
411&SPACERS	LEVER PIN	\$20	608JR	BACK PLATE RING	\$20	703A	SEAT DISC	\$28
431	LINK	\$8	610B	RETAINER	\$66	703B	SEAT DISC	\$47
431AY	LINK	\$25	700-2	BONNET	\$96	703JR	SEAT DISC	\$18
477K	SPRING	\$11	700-2A	BONNET	\$152	703JRN	SEAT DISC	\$28
477-1	SPRING	\$12	700-2AP	BONNET	\$451	703BXS	SEAT DISC	\$162
506	GASKET	\$5	700-2AT	BONNET	\$217	704	PISTON	\$207
515	SPRING	\$22	700-2B	BONNET	\$349	704A	PISTON	\$271
516	SPRING CONE	\$32	700-3A	SEAT DISC	\$194	704B	PISTON	\$595
517	SCREEN	\$125	700-3AX	SEAT DISC	\$29	704JR	PISTON	\$189
517JRP	SCREEN	\$112	700-3B	SEAT DISC	\$148	705-1L	SPRING	\$17
558	SCREEN	\$103	700-3BX	SEAT DISC	\$68	705-5L	SPRING	\$17
577	CAP SCREW	\$5	700-3X	SEAT DISC	\$20	705-10L	SPRING	\$17
580	SCREEN	\$237	700-4AP	PISTON	\$246	705-20L	SPRING	\$17
600D2-2	CHECK VALVE	\$396	700-4AX	PISTON	\$177	705-35L	SPRING	\$17
600D3-2	CHECK VALVE	\$649	700-4AXH	PISTON	\$271	705-35R	SPRING	\$17
600D3XT	CHECK VALVE	\$1,041	700-4AXS	PISTON	\$207	705-45L	USE 705-50L	\$17
601AJ	SNAP RING	\$17	700-4AXT	PISTON	\$575	705-50L	SPRING	\$17
601B	STEM	\$312	700-4BP	PISTON	\$573	705-60L	SPRING	\$17
601BJ	SNAP RING	\$21	700-4BX	PISTON	\$254	705-60R	SPRING	\$17
601DJ	SNAP RING	\$36	700-4BXH	PISTON	\$425	705-70L	SPRING	\$17
601J	SNAP RING	\$14	700-4BXS	PISTON	\$325	705-90L	SPRING	\$17
601JR	SNAP RING	\$11	700-4BXT	PISTON	\$666	705A	SPRING	\$37

REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE
705A-2L	SPRING	\$38	720B	GASKET	\$7	3002AN	BONNET	\$807
705A-10L	SPRING	\$37	725	GASKET	\$7	3002JR	BONNET	\$141
705A-20L	SPRING	\$37	725N	GASKET	\$9	3002JRN	BONNET	\$103
705A-30L	SPRING	\$37	728	GASKET	\$4	3003	SEAT DISC	\$25
705A-60L	SPRING	\$37	752AQ	SLEEVE	\$600	3003A	SEAT DISC	\$33
705A-110L	SPRING	\$37	754AQ	PISTON	\$373	3003B	SEAT DISC	\$47
705A-114	SPRING	\$37	775	PACKING RING	\$9	3003JR	SEAT DISC	\$21
705AL	SPRING	\$17	776	RETAINER	\$9	3004	PISTON	\$116
705B-3L	SPRING	\$108	777BN	PACKING RING	\$13	3004A	PISTON	\$194
705B-10L	SPRING	\$108	1100AH	HOUSING	\$138	3004B	PISTON	\$281
705B-15X	SPRING	\$108	1100ATH	HOUSING	\$142	3004JR	PISTON	\$189
705B-30L	SPRING	\$108	1100CH	HOUSING	\$116	3006	SEAT	\$49
705B-60L	SPRING	\$108	1100H	HOUSING	\$97	3006A	SEAT	\$79
705B-100L	SPRING	\$108	1100LCH	HOUSING	\$155	3006B	SEAT	\$97
705B-160L	SPRING	\$108	1100LH	HOUSING	\$150	3006JR	SEAT	\$47
705BL	SPRING	\$108	1100LSH	HOUSING	\$295	3010	GASKET	\$7
705L	SPRING	\$10	1100SH	HOUSING	\$195	3010AN	GASKET	\$6
706-9/16"	SEAT	\$79	1100TH	HOUSING	\$159	3010JR	GASKET	\$7
706-23/32"	SEAT	\$79	1100VH	HOUSING	\$271	3010N	GASKET	\$7
706A-23/32"	SEAT	\$96	1101	LENS - CLEAR	\$71	3012A	PUSH ROD	\$70
706A-7/8"	SEAT	\$96	1101R	LENS - REFLEX	\$57	3012B	PUSH ROD	\$79
706B	SEAT	\$138	1102SH	RETAINER SS HEX	\$97	3012JRL	PUSH ROD	\$43
706JR-3/8"	SEAT	\$79	1103	GASKET	\$7	3012L	PUSH ROD	\$43
706JR-9/16"	SEAT	\$79	1103T	GASKET - TEFLON	\$53	3013	NUT	\$5
706JRP	SEAT	\$53	1104	GASKET	\$4	3013JR	NUT	\$5
707-9/16"	METERING PLUG	\$71	1105/1106	FROST SHIELD	\$51	3014A	TUBE ASSY	\$91
707-23/32"	METERING PLUG	\$71	1105L/1106	FROST SHIELD	\$66	3014TF	TUBE FITTING	\$40
707A-23/32"	METERING PLUG	\$90	1106	O-RING	\$4	3017NR	STEM	\$48
707A-7/8"	METERING PLUG	\$90	1358	GASKET	\$9	5000-131	SNAP RING	\$8
707B	METERING PLUG	\$207	1458	GASKET	\$18	5000-175	SNAP RING	\$11
707JR-3/8"	METERING PLUG	\$86	2026SL	NOZZLE	\$233	5108-137	SNAP RING	\$8
707JR-9/16"	METERING PLUG	\$86	2027SL	THROAT	\$138	5108-177	SNAP RING	\$12
708A	SPRING CONE	\$49	2028SL	NUT	\$49	RHR120	DELAY RLY 120V	\$348
708AT	SPRING CONE	\$54	2030SL	NUT	\$50	RHR240	DELAY RLY 240V	\$348
708B	SPRING CONE	\$49	2046SL	NOZZLE	\$152	THR120	TIMER ASSY 120V	\$458
708BT	SPRING CONE	\$162	2047SL	THROAT	\$74	THR240	TIMER ASSY 240V	\$458
708BXT	SPRING CONE	\$175	2048	NUT	\$80	U4-1	NUT	\$55
710	GASKET	\$5	2049	GASKET	\$5	U4-1S	NUT	\$55
710A	GASKET	\$7	2076W	FRONT PIECE	\$18	U4-3S	RETAINER	\$42
710B	GASKET	\$9	2077W	THROAT	\$96	U4-4	GASKET	\$4
710JR	GASKET	\$7	2101W	FRONT PIECE	\$65	U6-1S	NUT	\$71
711	STEM	\$76	2106SL	NOZZLE	\$228	U6-4	GASKET	\$5
711A	STEM	\$81	2107SL	THROAT	\$104			
711AXT	STEM	\$121	2107W	THROAT	\$233			
711B	STEM	\$130	2108SL	NUT	\$79			
711BT	STEM	\$148	2110SL	CONNECTOR	\$53			
711X	STEM	\$57	2111	GASKET	\$4			
711XS	STEM	\$64	2126	NOZZLE	\$336			
711XT	STEM	\$116	2127WA	THROAT	\$194			
714	SEAL CAP	\$86	2222	NOZZLE	\$425			
714B	SEAL CAP	\$157	2223W	THROAT	\$643			
718	CAP SCREW	\$4	3002	BONNET	\$134			
720	GASKET	\$7	3002A	BONNET	\$177			

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.