



VALVES • VESSELS • SYSTEMS • CONTROLS

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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,  
and Anhydrator System Cleaners

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

REF: BULLETIN LE 1100-08E-01

Square-End Weld Housings					
Part No. w/Reflex Lens	Length In.	List Price	Part No. w/Clear Lens	Length In.	List Price
1100-R	2"	<b>\$107</b>	1100	2"	<b>\$120</b>
1100-RN	2"	<b>\$133</b>	1100-N	2"	<b>\$146</b>
1100-RNX	2"	<b>\$146</b>	1100-NX	2"	<b>\$159</b>
1100A-R	3"	<b>\$120</b>	1100A*	3"	<b>\$133</b>
1100A-RN	3"	<b>\$146</b>	1100A-N*	3"	<b>\$159</b>
1100A-RNX	3"	<b>\$159</b>	1100A-NX*	3"	<b>\$172</b>
1100L-R	4"	<b>\$139</b>	1100L	4"	<b>\$152</b>
1100L-RN	4"	<b>\$165</b>	1100L-N	4"	<b>\$178</b>
1100L-RNX	4"	<b>\$178</b>	1100L-NX	4"	<b>\$191</b>

Threaded Housings - 1-1/2" MPT					
Part No. w/Reflex Lens	Length In.	List Price	Part No. w/Clear Lens	Length In.	List Price
1100AT-R	3"	<b>\$139</b>	1100AT	3"	<b>\$152</b>
1100AT-RN	3"	<b>\$165</b>	1100AT-N	3"	<b>\$178</b>
1100AT-RNX	3"	<b>\$178</b>	1100AT-NX	3"	<b>\$191</b>
1100T-R	4"	<b>\$159</b>	1100T	4"	<b>\$172</b>
1100T-RN	4"	<b>\$185</b>	1100T-N	4"	<b>\$198</b>
1100T-RNX	4"	<b>\$198</b>	1100T-NX	4"	<b>\$211</b>
1100V-R †	2"	<b>\$267</b>	1100V †	2"	<b>\$280</b>
1100V-RN †	2"	<b>\$293</b>	1100V-N †	2"	<b>\$306</b>
1100V-RNX †	2"	<b>\$306</b>	1100V-NX †	2"	<b>\$319</b>

† 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"	<b>\$266</b>	1100S	2"	<b>\$279</b>
1100S-RN	2"	<b>\$292</b>	1100S-N	2"	<b>\$305</b>
1100S-RNX	2"	<b>\$305</b>	1100S-NX	2"	<b>\$318</b>
1100LS-R	4"	<b>\$327</b>	1100LS	4"	<b>\$340</b>
1100LS-RN	4"	<b>\$353</b>	1100LS-N	4"	<b>\$366</b>
1100LS-RNX	4"	<b>\$366</b>	1100LS-NX	4"	<b>\$379</b>

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"	<b>\$115</b>	1100C	2"	<b>\$128</b>
1100C-RN	2"	<b>\$141</b>	1100C-N	2"	<b>\$154</b>
1100C-RNX	2"	<b>\$154</b>	1100C-NX	2"	<b>\$167</b>
1100LC-R	4"	<b>\$148</b>	1100LC	4"	<b>\$161</b>
1100LC-RN	4"	<b>\$174</b>	1100LC-N	4"	<b>\$187</b>
1100LC-RNX	4"	<b>\$187</b>	1100LC-NX	4"	<b>\$200</b>

<b>INJECTORS (LIQUID RECIRCULATING)</b>	
REF: BULLETIN INJ-03E	
Injector No.	List Price
2020SL	<b>\$337</b>
2100SL	<b>\$436</b>
2075WCB	<b>\$589</b>
2100WCB	<b>\$614</b>
2100WCB A	<b>\$614</b>
2125WA	<b>\$600</b>
2150WA	<b>\$761</b>
2200WA	<b>\$1,433</b>
2250WA	<b>\$2,058</b>

<b>FLOAT SWITCH</b>	
REF: BULLETIN FSP-08E-01	
Part No.	List Price
FSP	<b>\$723</b>
FSPLE	<b>\$1,013</b>
HAP85	<b>\$1,232</b>
PARTS	
Part No.	List Price
HAPSSSW	<b>\$402</b>

<b>FILTERS/STRAINERS</b>		
REF: BULLETIN 500-07E-01		
Filter Number	List Price	w/flanges
510-1/2" FPT angle	<b>\$163</b>	-
510-3/4" FPT angle	<b>\$163</b>	-
575-3/4" FPT angle	<b>\$330</b>	-
575-1" FPT angle	<b>\$330</b>	-
575-1-1/4" FPT angle	<b>\$330</b>	-
S701JRP, 1/2" or 3/4"	<b>\$187</b>	<b>\$235</b>
S701, 1"	<b>\$207</b>	<b>\$255</b>
S701A, 2"	<b>\$549</b>	<b>\$636</b>
S701B, 3"	<b>\$918</b>	<b>\$1,035</b>

**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.

**ORDERING INSTRUCTIONS:**

- Injector Number
- Nozzle & throat size
- Refrigerant
- Suction temperature
- Load (tons)
- Application

**FLANGES  
TONGUE & GROOVE**  
REF: BULLETIN FLUN-06E-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	\$24	4-MT or 4FT	\$30	N/A	-
3/4" oval	6-MS or 6-FS	\$24	6-MT or 6FT	\$30	N/A	-
1" oval	8-MSO or 8-FSO	\$24	8-MTO or 8-FTO	\$30	N/A	-
1" sq.	8-MS or 8-FS	\$34	8-MT or 8-FT	\$38	N/A	-
1-1/4" sq.	10-MS or 10-FS	\$34	10-MT or 10FT	\$42	10-MW or 10-FW	\$100
1-1/2" sq.	12-MS or 12-FS	\$42	12-MT or 12-FT	\$54	12-MW or 12-FW	\$118
2" sq.	16-MS or 16-FS	\$42	16-MT or 16-FT	\$54	16-MW or 16-FW	\$128
2-1/2" sq.	20-MS or 20-FS	\$56	N/A	-	20-MW or 20-FW	\$148
3" sq.	24-MS or 24-FS	\$62	N/A	-	24-MW or 24-FW	\$178
4" sq.	32-MS or 32-FS	\$76	N/A	-	32-MW or 32-FW	\$222
5" sq.	40-MS or 40-FS	\$204	N/A	-	40-MW or 40-FW	\$372
6" rd.	48-MS or 48-FS	\$226	N/A	-	48-MW or 48-FW	\$424
8" rd.	64-MS or 64-FS	\$404	N/A	-	64-MW or 64-FW	\$562
10" rd.	80-MS or 80-FS	\$702	N/A	-	80-MW or 80-FW	\$955

**ORDERING INSTRUCTIONS:**

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

**FLANGED UNIONS  
TONGUE & GROOVE**  
REF: BULLETIN FLUN-06E-01

Size	Socket Weld		Threaded		Weld Neck	
	Part No.	List Price	Part No.	List Price	Part No.	List Price
1/2" oval	U-4S	\$56	U-4T	\$68	N/A	-
3/4" oval	U-6S	\$56	U-6T	\$68	N/A	-
1" oval	U-8SO	\$56	U-8TO	\$68	N/A	-
1" sq.	U-8S	\$76	U-8T	\$80	N/A	-
1-1/4" sq.	U-10S	\$76	U-10T	\$90	U-10W	\$208
1-1/2" sq.	U-12S	\$94	U-12T	\$118	U-12W	\$246
2" sq.	U-16S	\$94	U-16T	\$118	U-16W	\$266
2-1/2" sq.	U-20S	\$130	N/A	-	U-20W	\$314
3" sq.	U-24S	\$140	N/A	-	U-24W	\$372
4" sq.	U-32S	\$172	N/A	-	U-32W	\$464
5" rd.	U-40S	\$450	N/A	-	U-40W	\$788
6" rd.	U-48S	\$482	N/A	-	U-48W	\$878
8" rd.	U-60S	\$838	N/A	-	U-60W	\$1,154
10" rd.	U-80S	\$1,440	N/A	-	U-80W	\$1,946

**ORDERING INSTRUCTIONS:**

1. Union Connection Type
2. Union Size

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

REF: BULLETIN 700H/270A-08E

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"*	\$758	\$940	\$702	\$116	\$634	\$1,467	\$385	\$169
700XH	1", 1 1/4"	\$831	\$1,032	\$755	\$116	\$634	\$1,467	\$385	\$169
700AXH	1 1/2", 2"	\$1,259	\$1,792	\$1,165	\$128	\$634	\$1,467	\$385	\$169
700BXH	3" **	\$1,977	\$2,869	\$1,837	\$232	\$634	\$1,467	\$385	\$169

**FOR USE WITH HALOCARBONS**

700JRHF	1/2", 3/4" (IPS)	\$758	\$940	\$702	\$116	\$721	\$1,554	\$472	\$139
	1 1/8", 1 3/8" (ODC)	\$897	\$1,079	\$702	N/A	\$721	\$1,554	\$472	\$139
700XHF	1", 1 1/4" (IPS)	\$831	\$1,032	\$755	\$116	\$721	\$1,554	\$472	\$139
	1 5/8" (ODC)	\$971	\$1,172	\$755	N/A	\$721	\$1,554	\$472	\$139
700AXHF	1 1/2", 2" (IPS)	\$1,259	\$1,792	\$1,165	\$128	\$721	\$1,554	\$472	\$139
	2 1/8" (ODC)	\$1,473	\$2,006	\$1,165	N/A	\$721	\$1,554	\$472	\$139
700BXHF	3" (IPS)**	\$1,977	\$2,869	\$1,837	\$232	\$721	\$1,554	\$472	\$139
	3 1/8" (ODC)	\$2,226	\$3,118	\$1,837	N/A	\$721	\$1,554	\$472	\$139

NOTE: Pilot Line Kit available for R717: **PLK-700H-A \$169 LIST**

For halocarbons: **PLK-700H-F \$139 LIST**

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

\*Available with 1" threaded flanges, add **\$18 LIST**

\*\* Socket weld or weld neck only

**ORDERING INSTRUCTIONS:**

For Pilot Valve:

1. Pilot Operated Valve Number
2. Orifice Size
3. Metering Plug
4. Spring
5. Flange Size, Type
6. Strainer (if required)
7. Serial Number, if replacement

For Pilot Float Valve:

1. Orifice Size
2. Chamber requirements

**FOR FACTORY SELECTION ASSISTANCE, ADVISE:**

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

<b>HIGH SIDE FLOAT VALVES SERIES 270A</b>			
REF: BULLETIN 700H/270A-08E			
Valve Number	Valve w/ Chamber		Valve Only (Zinc Plated)
	Cast	Steel	
FOR USE WITH AMMONIA (R717)			
270A	\$613	\$1,446	\$364
270AX	\$1,056	\$1,889	\$807
270AY	\$1,420	\$2,253	\$1,171
FOR USE WITH HALOCARBONS			
270AF	\$613	\$1,446	\$364
270AXF	\$1,056	\$1,889	\$807
270AYF	\$1,420	\$2,253	\$1,171
<b>MOUNTING FLANGE (FOR SERIES 270A) 2-1/2" SOCKET WELD</b>			
Flange Number	List Price		
298A*	\$96		

<b>HIGH SIDE CONTROL PACKAGE 700H &amp; 275AP VALVES W/ ACCESSORIES</b>		
Control Package	Standard Items*	with Pressure Regulator and extra Service Valves
FOR USE WITH AMMONIA (R717)		
RC-050	\$3,251	\$3,872
RC-075	\$3,274	\$3,911
RC-100	\$3,427	\$4,064
RC-125	\$3,552	\$4,189
RC-150	\$4,520	\$5,157
RC-200	\$4,675	\$5,496
RC-250	\$5,044	\$6,217
RC-300	\$6,459	\$7,840
RC-400	\$6,845	\$8,698

\* Includes (1) 275AP valve and steel chamber with Level Eye, chamber, pilot line kit, 700H valve, service valves, and hand expansion valve. See engineering bulletin GDRS-03E.

**ORDERING INSTRUCTIONS:**

Same as above for Pilot Valve and Pilot Float Valve..



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

REF: BULLETIN 700S-09E

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"	\$416	\$116	\$360
700XS	1", 1 1/4"	\$502	\$116	\$426
700AXS	1 1/2", 2"	\$744	\$128	\$650
700BXS	3"	\$1,073	\$232	\$933
FOR USE WITH HALOCARBONS				
700JRFSF	1/2", 3/4" (IPS)	\$416	\$116	\$360
	1 1/8", 1 3/8" (ODC)	\$555	N/A	\$360
700XSF	1", 1 1/4" (IPS)	\$502	\$116	\$426
	1 5/8" (ODC)	\$642	N/A	\$426
700AXSF	1 1/2", 2" (IPS)	\$744	\$128	\$650
	2 1/8" (ODC)	\$958	N/A	\$650
700BXSF	3" (IPS)*	\$1,073	\$232	\$933
	3 1/8" (ODC)	\$1,322	N/A	\$933

**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"	\$561	\$116	\$485
700AXT	1 1/2", 2"	\$949	\$128	\$855
700BXT	3"**	\$1,491	\$232	\$1,351
FOR USE WITH HALOCARBONS				
700XTF	1", 1 1/4" (IPS)	\$561	\$116	\$485
	1 5/8" (ODC)	\$701	N/A	\$485
700AXTF	1 1/2", 2" (IPS)	\$949	\$128	\$855
	2 1/8" (ODC)	\$1,163	N/A	\$855
700BXTF	3" (IPS)*	\$1,491	\$232	\$1,351
	3 1/8" (ODC)	\$1,740	N/A	\$1,351

**ORDERING INSTRUCTIONS:**

\*Socket Weld Only

1. Valve Number
2. Flange Size, Type

<b>LOW SIDE FLOAT VALVES FIXED LEVEL - DIRECT FEED (INTERNAL MOUNT) SERIES 300H</b> REF: BULLETIN 300H-06E	
Valve Number	List Price (Zinc Plated)
FOR USE WITH AMMONIA (R717)	
300H	<b>\$680</b>
300HD	<b>\$695</b>
300HM	<b>\$699</b>
300HMD	<b>\$714</b>
300A	<b>\$901</b>
300AM	<b>\$932</b>

Note: Valves can be applied as pilots for Series 701 Pilot Operated Valves. **Add \$688 for 398A Steel Chamber**

<b>LOW SIDE FLOAT VALVES FIXED LEVEL - REMOTE FEED (INTERNAL MOUNT) SERIES 301H</b> REF: BULLETIN 301H-06E	
Valve Number	List Price (Zinc Plated)
FOR USE WITH AMMONIA (R717)	
301H	<b>\$1,255</b>
301A	<b>\$1,271</b>

<b>LOW SIDE FLOAT VALVES FIXED LEVEL - REMOTE FEED (EXTERNAL MOUNT) SERIES 301E</b> REF: BULLETIN 301E-06E		
Valve Number	Valve Only (Zinc Plated)	Valve w/ Chamber
FOR USE WITH AMMONIA (R717)		
301E	<b>\$682</b>	<b>\$1,370</b>
301G	<b>\$816</b>	<b>\$1,504</b>
301J	<b>\$975</b>	<b>\$1,663</b>
301K	<b>\$1,007</b>	<b>\$1,695</b>
FOR USE WITH HALOCARBONS		
301EF	<b>\$739</b>	<b>\$1,427</b>
301GF	<b>\$861</b>	<b>\$1,549</b>
301JF	<b>\$1,018</b>	<b>\$1,706</b>

<b>MOUNTING FLANGES (FOR SERIES 300 &amp; 301)</b>	
Flange Number	List Price
399 (3" F.P.T.)	<b>\$94</b>
300WF3 (3" S.W.)*	<b>\$126</b>

\* Mill test report can be furnished.

<b>LOW SIDE OIL FEED VALVE (FOR ALL REFRIGERANT OILS) SERIES 275</b> REF: BULLETIN 270-06E		
Valve	Valve Only (Zinc Plated)	Valve with Cast Chamber
275AF	<b>\$365</b>	<b>\$614</b>

<b>HIGH SIDE OIL DRAIN VALVE (FOR ALL REFRIGERANT OILS) SERIES 270A</b> REF: BULLETIN 270-06E		
Valve Number	Valve Only (Zinc Plated)	Valve with Cast Chamber
270A	<b>\$365</b>	<b>\$614</b>

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 101-04E**

Valve Number	Valve Only (Zinc Plated)	Valve w/ Chamber
FOR USE WITH AMMONIA (R717)		
101	<b>\$1,227</b>	<b>\$2,598</b>
101A	<b>\$1,364</b>	<b>\$3,178</b>
FOR USE WITH HALOCARBONS		
101F	<b>\$1,317</b>	<b>\$2,688</b>
101AF	<b>\$1,627</b>	<b>\$3,442</b>

+ See below for ordering instructions

**PILOT OPERATED VALVE WITH  
LOW SIDE ADJUSTABLE LEVEL PILOT FLOAT VALVES  
REF: BULLETIN 701S-06E**

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/ Flanges 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	$\frac{1}{2}$ " $\frac{3}{4}$ " *	<b>\$793</b>	<b>\$980</b>	<b>\$737</b>	<b>\$116</b>	101VP18 - $\frac{3}{32}$ "	<b>\$2,598</b>	<b>\$1,227</b>
701S	$\frac{9}{16}$ " $\frac{23}{32}$ "	S701	1" $1\frac{1}{4}$ "	<b>\$865</b>	<b>\$1,072</b>	<b>\$789</b>	<b>\$116</b>	101VP18 - $\frac{3}{32}$ "	<b>\$2,598</b>	<b>\$1,227</b>
701AS	$\frac{7}{8}$ " $\frac{23}{32}$ "	S701A	$1\frac{1}{2}$ " $2$ "	<b>\$1,339</b>	<b>\$1,888</b>	<b>\$1,245</b>	<b>\$128</b>	101VP26 - $\frac{1}{8}$ "	<b>\$3,178</b>	<b>\$1,364</b>
701BS	$1\frac{1}{4}$ "	S701B	3" (SW only)	<b>\$2,544</b>	<b>\$3,462</b>	<b>\$2,404</b>	<b>\$232</b>	101VP26 - $\frac{5}{32}$ "	<b>\$3,178</b>	<b>\$1,364</b>
701BXS	$1\frac{9}{16}$ "	S701B	4" (Weld Neck)	<b>\$2,846</b>	<b>\$3,764</b>	<b>\$2,674</b>	<b>\$292</b>	101VP26 - $\frac{3}{16}$ "	<b>\$3,178</b>	<b>\$1,364</b>

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)							
701JRSF	$\frac{3}{8}$ " $\frac{9}{16}$ "	S701JR	$\frac{1}{2}$ " $\frac{3}{4}$ " (IPS) *	<b>\$793</b>	<b>\$980</b>	<b>\$737</b>	<b>\$116</b>	101VPF18 - $\frac{3}{32}$ "	<b>\$2,688</b>	<b>\$1,317</b>
			$1\frac{1}{8}$ " $1\frac{3}{8}$ " (ODC)	<b>\$932</b>	<b>\$1,119</b>	<b>\$737</b>	<b>N/A</b>		<b>\$2,688</b>	<b>\$1,317</b>
701SF	$\frac{9}{16}$ " $\frac{23}{32}$ "	S701	1" $1\frac{1}{4}$ " (IPS)	<b>\$865</b>	<b>\$1,072</b>	<b>\$789</b>	<b>\$116</b>	101VPF18 - $\frac{3}{32}$ "	<b>\$2,688</b>	<b>\$1,317</b>
			$1\frac{5}{8}$ " (ODC)	<b>\$1,005</b>	<b>\$1,212</b>	<b>\$789</b>	<b>N/A</b>		<b>\$2,688</b>	<b>\$1,317</b>
701ASF	$\frac{7}{8}$ " $\frac{23}{32}$ "	S701A	$1\frac{1}{2}$ " $2$ " (IPS)	<b>\$1,339</b>	<b>\$1,888</b>	<b>\$1,245</b>	<b>\$128</b>	101VPF26 - $\frac{1}{8}$ "	<b>\$3,442</b>	<b>\$1,627</b>
			$2\frac{1}{8}$ " (ODC)	<b>\$1,553</b>	<b>\$2,102</b>	<b>\$1,245</b>	<b>N/A</b>		<b>\$3,442</b>	<b>\$1,627</b>
701BSF	$1\frac{1}{4}$ "	S701B	3" (IPS) SW only	<b>\$2,544</b>	<b>\$3,462</b>	<b>\$2,404</b>	<b>\$232</b>	101VPF26 - $\frac{5}{32}$ "	<b>\$3,442</b>	<b>\$1,627</b>
			$3\frac{1}{8}$ " (ODC)	<b>\$2,793</b>	<b>\$3,711</b>	<b>\$2,404</b>	<b>N/A</b>		<b>\$3,442</b>	<b>\$1,627</b>
701BXS	$1\frac{9}{16}$ "	S701B	4" (Weld Neck)	<b>\$2,846</b>	<b>\$3,764</b>	<b>\$2,674</b>	<b>\$292</b>	101VPF26 - $\frac{3}{16}$ "	<b>\$3,442</b>	<b>\$1,627</b>

\*Available with 1" threaded flanges, add **\$18 LIST**

NOTE: **Pilot Line Kit** available for R717: **PLK-701S-A, \$441**; for Halocarbons: **PLK-701S-F, \$396**

Kits include  $\frac{1}{4}$ " FPT Solenoid Valve & Globe 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: 1. Voltage 2. 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 301E-06E

Valve Number	Valve Only (Zinc Plated)	Valve w/ Chamber
FOR USE WITH AMMONIA (R717)		
301E	\$682	\$1,370
301G	\$816	\$1,504
301J	\$975	\$1,663
301K	\$1,007	\$1,695
FOR USE WITH HALOCARBONS		
301EF	\$739	\$1,427
301GF	\$861	\$1,549
301JF	\$1,018	\$1,706

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

REF: BULLETIN 701S-06E

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" *	\$793	\$980	\$737	\$116	301E	3/32", 1/8"	\$1,370	\$682
701S	9/16", 23/32"	S701	1", 1 1/4"	\$865	\$1,072	\$789	\$116	301E	3/32", 1/8"	\$1,370	\$682
701AS	7/8", 23/32"	S701A	1 1/2", 2"	\$1,339	\$1,888	\$1,245	\$128	301E	1/8"	\$1,370	\$682
701BS	1 1/4"	S701B	3" (SW only)	\$2,544	\$3,462	\$2,404	\$232	301G	5/32"	\$1,504	\$816
701BXS	1 9/16"	S701B	4" (Weld neck)	\$2,846	\$3,764	\$2,674	\$292	301J	3/16"	\$1,663	\$975

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)
701JRFS	3/8", 9/16"	S701JR	1/2", 3/4" (IPS) *	\$793	\$980	\$737	\$116	301EF	3/32", 1/8"	\$1,427	\$739
			1 1/8", 1 3/8" (ODC)	\$932	\$1,119	\$737	N/A			\$1,427	\$739
701SF	9/16", 23/32"	S701	1", 1 1/4" (IPS)	\$865	\$1,072	\$789	\$116	301EF	3/32", 1/8"	\$1,427	\$739
			1 5/8" (ODC)	\$1,005	\$1,212	\$789	N/A			\$1,427	\$739
701ASF	7/8", 23/32"	S701A	1 1/2", 2" (IPS)	\$1,339	\$1,888	\$1,245	\$128	301EF	1/8"	\$1,427	\$739
			2 1/8" (ODC)	\$1,553	\$2,102	\$1,245	N/A			\$1,427	\$739
701BSF	1 1/4"	S701B	3" (IPS) SW only	\$2,544	\$3,462	\$2,404	\$232	301GF	5/32"	\$1,549	\$861
			3 1/8" (ODC)	\$2,793	\$3,711	\$2,404	N/A			\$1,549	\$861
701BXS	1 9/16"	S701B	4" (Weld Neck)	\$2,846	\$3,764	\$2,674	\$292	301JF	3/16"	\$1,706	\$1,018

\*Available with 1" threaded flanges, add \$18 LIST

NOTE: **Pilot Line Kit** available for R717: **PLK-701S-A, \$441**; for Halocarbons: **PLK-701S-F, \$396**

Kits include Solenoid Valve, Globe 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
K201	252 & 253 Seat & Needle; 73 Gasket; 11 Lever Pin; 205 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 (2)
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
K3000PS	3003JR & 3003 Seat Discs; 3012JRL & 3012L Push Rods; 3013 & 3013JR Nuts; 3010JR, 3010 & 3010N Gaskets; 705L Spring; plus 3004 & 3004JR Pistons; 3006 & 3006JR Seats.
K3000A	3003A & 3003B Seat Discs; 3012A & 3012B Push Rods; 710A, 710B & 3010AN Gaskets; 705AL Spring
K3000APS	3003A & 3003B Seat Discs; 3012A & 3012B Push Rods; 710A, 710B * 3010AN Gaskets; 705AL Spring; plus 3004A & 3004B Pistons; 3006A & 3006B Seats.

VALVE PARTS KITS: MISCELLANEOUS			
Kit Catalog No.	For Valve	Orifice Size (in.)	List Price
K100	100; 100VP	$\frac{1}{16}$ to $\frac{5}{32}$ ; $\frac{3}{16}$	<b>\$337</b>
K101AB	101AB	$\frac{3}{8}$ ; $\frac{1}{2}$	<b>\$616</b>
K101ABF	101ABF	$\frac{3}{8}$ ; $\frac{1}{2}$	<b>\$617</b>
K101B	101B	$\frac{3}{8}$ ; $\frac{1}{2}$ ; $\frac{5}{8}$	<b>\$622</b>
K101BF	101BF	$\frac{3}{8}$ ; $\frac{1}{2}$ ; $\frac{5}{8}$	<b>\$622</b>
K152K	101, 101VP18	$\frac{5}{64}$ to $\frac{5}{32}$ ; $\frac{3}{16}$	<b>\$397</b>
K152K26	101VP-26" chamber	$\frac{1}{8}$ ; $\frac{5}{32}$ ; $\frac{3}{16}$	<b>\$390</b>
K152KF18	101F; 101VPF-18" chamber	$\frac{5}{64}$ to $\frac{5}{32}$ ; $\frac{3}{16}$	<b>\$390</b>
K152KF26	101VPF-26" chamber	$\frac{1}{8}$ ; $\frac{5}{32}$ ; $\frac{3}{16}$	<b>\$409</b>
K152KCP	101CP	$\frac{5}{64}$ to $\frac{5}{32}$ ; $\frac{3}{16}$	<b>\$390</b>
K152KCPF	101CPF	$\frac{5}{64}$ to $\frac{5}{32}$ ; $\frac{3}{16}$	<b>\$409</b>
K152L	101A	$\frac{3}{16}$ ; $\frac{1}{4}$ ; $\frac{5}{16}$ ; $\frac{3}{8}$ ; $\frac{13}{32}$	<b>\$546</b>
K152L18	101A-18" chamber	$\frac{1}{4}$	<b>\$553</b>
K152LF	101AF	$\frac{1}{4}$ ; $\frac{5}{16}$ ; $\frac{3}{8}$ ; $\frac{13}{32}$	<b>\$546</b>
K152LF18	101F-18" chamber	$\frac{1}{4}$	<b>\$546</b>
K152LCP	101CP	$\frac{1}{4}$ ; $\frac{5}{16}$ ; $\frac{3}{8}$	<b>\$546</b>
K152LCPF	101CPF	$\frac{1}{4}$ ; $\frac{5}{16}$ ; $\frac{3}{8}$	<b>\$565</b>
K201	201	$\frac{1}{16}$ ; $\frac{5}{64}$ ; $\frac{3}{32}$	<b>\$298</b>
K210	210	$\frac{3}{32}$ to $\frac{9}{64}$	<b>\$294</b>
K210A	210A	$\frac{5}{32}$ ; $\frac{3}{16}$ ; $\frac{1}{32}$	<b>\$325</b>
K270A1	270A, 270AF, 275AF	$\frac{1}{16}$ ; $\frac{5}{64}$ ; $\frac{3}{32}$	<b>\$206</b>
K270A2	270A, 270AF, 275AF	$\frac{1}{8}$ ; $\frac{3}{16}$	<b>\$240</b>
K270AX	270AX	$\frac{13}{64}$	<b>\$240</b>
K270AY	270AY	$\frac{3}{8}$	<b>\$740</b>
K270AZ	270AZ; 270AZA; 270AZAZ	0.234	<b>\$335</b>
K275AP1	275AP; 275APF	$\frac{1}{16}$ ; $\frac{5}{64}$ ; $\frac{3}{32}$	<b>\$206</b>
K275AP2	275AP; 275APF	$\frac{1}{8}$ ; $\frac{3}{16}$	<b>\$240</b>
K280	225; 225B; 250; 250CB; 250P; 250L; 250VPF; 251CP	$\frac{5}{64}$ to $\frac{5}{32}$	<b>\$434</b>
K280-6	250VP (R717 only)	$\frac{7}{64}$ ; $\frac{9}{64}$ ; $\frac{5}{32}$	<b>\$434</b>
K310	300; 300H; 300HM; 300J; 300P; 300Y; 301E	$\frac{5}{64}$ ; $\frac{3}{32}$ ; $\frac{7}{64}$ ; $\frac{1}{8}$ ; $\frac{9}{64}$	<b>\$296</b>
K310A	300A; 300AM; 300YA; 301G	$\frac{5}{32}$ ; $\frac{3}{16}$ ; $\frac{7}{32}$	<b>\$323</b>
K310AX	300A; 300AM; 301G	$\frac{9}{32}$	<b>\$550</b>
K355	301; 301H; 301J; 301K; 301D; 301A	$\frac{3}{16}$ ; $\frac{7}{32}$ ; $\frac{9}{32}$	<b>\$610</b>

\*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, $1\frac{1}{4}$	<b>\$120</b>
K600A	600A; 600AK	$1\frac{1}{2}$ , 2	<b>\$171</b>
K600AJ	600AJ	2	<b>\$140</b>
K600BJ	600BJ	3	<b>\$332</b>
K600DJ	600DJ	4	<b>\$340</b>
K600J	600J	$1\frac{1}{4}$ , $1\frac{1}{2}$	<b>\$89</b>
K600JR	600JR	$\frac{1}{2}$ , $\frac{3}{4}$ , 1	<b>\$64</b>

KITS: CHECK VALVES (PISTON TYPE)			
Kit Catalog No.	For Valve	Line Size (in.)	List Price
K700JR	700JR; 700JRS; 700JRX; 700JRH; 700JRXH	$\frac{1}{2}$ ; $\frac{3}{4}$	<b>\$27</b>
K700	700; 700S; 700H	1, $1\frac{1}{4}$	<b>\$43</b>
K700A	700A; 700AS; 700AH	$1\frac{1}{2}$ , 2	<b>\$182</b>
K700B	700B; 700BS; 700BH	3	<b>\$148</b>
K700X	700X; 700XS; 700XH	1, $1\frac{1}{4}$	<b>\$37</b>
K700AX	700AX; 700AXS; 700AXH	$1\frac{1}{2}$ , 2	<b>\$44</b>
K700BX	700BX; 700BXS; 700BXH	3	<b>\$81</b>

KITS: LOW SIDE PILOT OPERATED VALVES			
Kit Catalog No.	For Valve	Line Size (in.)	List Price
K701JR	701JR; 701JRS	$\frac{1}{2}$ ; $\frac{3}{4}$	<b>\$29</b>
K701	701; 701S	1, $1\frac{1}{4}$	<b>\$35</b>
K701A	701A; 701AS	$1\frac{1}{2}$ , 2	<b>\$43</b>
K701B	701B; 701BS	3	<b>\$64</b>

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	$\frac{3}{4}$	<b>\$144</b>
K3000PS	3000 & 3000N	$\frac{3}{4}$	<b>\$481</b>
K3000A	3000A	$1\frac{1}{4}$	<b>\$225</b>
K3000APS	3000A	$1\frac{1}{4}$	<b>\$770</b>

\*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, $1\frac{1}{4}$	<b>\$397</b>
K700AXT	700AXT	$1\frac{1}{2}$ , 2	<b>\$637</b>
K700BXT	700BXT	3	<b>\$1,044</b>

KITS: LEVEL EYE®		
Kit Catalog No.	For Level Eye®	List Price
K1100	Clear Level Eye®	<b>\$69</b>
K1100R	Reflex Level Eye®	<b>\$56</b>

KITS: INTERRUPTING VALVES			
Kit Catalog No.	For Valve	Line Size (in.)	List Price
K700AP	700AP	$1\frac{1}{2}$ , 2	<b>\$265</b>
K700BP	700BP	3	<b>\$595</b>

#### 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	\$281	75K	O-RING	\$8	290S	STOP	\$11
2S&403S	SEAT & NEEDLE	\$223	79	FLOAT	\$175	291	CAP	\$53
4	ADJUSTING NUT	\$34	84	PIPE PLUG	\$6	292	GASKET	\$7
4B	ADJUSTING NUT	\$34	87	LOCK NUT	\$3	293	GLAND	\$9
5-2	SPRING	\$44	87S	LOCK NUT	\$9	294	STEM	\$62
5-2A	SPRING	\$14	88	LOCK NUT	\$4	296	SCREW	\$7
5-30A	SPRING	\$7	90P	PIPE PLUG	\$14	302D	DISC	\$23
5-60L	SPRING	\$26	107	O-RING	\$4	307	BOSS	\$99
5-61	SPRING	\$8	108	O-RING	\$4	307A	BOSS	\$161
5AB45	SPRING	\$26	151B	GLAND	\$82	307ACB	BOSS	\$106
6	SPRING CONE	\$23	152B&153B	SEAT & PLUNGER	\$578	307B	BOSS	\$165
6T	SPRING CONE	\$31	152KCP	CARTRIDGE	\$375	307E	BOSS	\$169
7	STEM	\$82	152LCP	CARTRIDGE	\$531	307G	BOSS	\$96
7B	STEM	\$42	204E	ADJUSTING NUT	\$28	307H	BOSS	\$167
8	GLAND	\$21	213A	FLOAT BLOCK	\$111	307J	BOSS	\$96
8B	GLAND	\$58	215CB	FLOAT BLOCK	\$90	308	PUSHER	\$49
9B	BONNET	\$182	220	FLOAT	\$199	308A	PUSHER	\$59
9BF	BONNET	\$575	220A	FLOAT	\$101	308ACB	PUSHER	\$245
9BP	BONNET	\$575	220PS	FLOAT	\$500	309	GASKET	\$3
9F	BONNET	\$152	220PSF	FLOAT	\$626	310	CARTRIDGE	\$239
10B	LEVER	\$179	224	LOCK NUT	\$6	310A	CARTRIDGE	\$260
10CP	LEVER	\$148	227	CAP SCREW	\$3	310AX	CARTRIDGE	\$301
11	LEVER PIN	\$8	228	STOP	\$8	313	FLOAT ROD	\$44
11&SPACER	LEVER PIN	\$17	228A	SCREW	\$9	313A	FLOAT ROD	\$64
11B	LEVER PIN	\$9	230A	FLOAT BLOCK	\$34	313AM	FLOAT ROD	\$58
11S	LEVER PIN	\$12	230X	FLOAT BLOCK	\$131	313CP	FLOAT ROD	\$108
11-210/11-215	O-RING	\$7	230Z	FLOAT BLOCK	\$44	313HM	FLOAT ROD	\$56
11-216/11-229	O-RING	\$9	231	LINK	\$7	314	CAM NEEDLE	\$46
12	PIPE PLUG	\$6	243CB	FLOAT ROD	\$15	314A	CAM NEEDLE	\$47
13	BUSHING	\$124	262&403S	SEAT BSHG. & NEEDLE	\$190	314E	CAM NEEDLE	\$49
14	PLUG	\$54	262A&263A	SEAT BSHG. & NEEDLE	\$224	314J	CAM NEEDLE	\$47
14CB	PLUG	\$54	262AY&263AY	SEAT BSHG. & NEEDLE	\$724	315ACB	FLOAT BLOCK	\$325
15	SPRING	\$9	262AZ&263AZ	SEAT BSHG. & NEEDLE	\$319	315P	FLOAT BLOCK	\$62
16	SPRING CONE	\$18	265C	SPRING	\$9	315PA	FLOAT BLOCK	\$101
18	SCREEN	\$47	265D-S	SPRING	\$12	315PM	FLOAT BLOCK	\$122
19	GASKET	\$4	265E	SPRING	\$8	315R	FLOAT BLOCK	\$89
55	LOCK WASHER	\$3	267	FLOAT	\$241	315WA	FLOAT BLOCK	\$89
55A	LOCK WASHER	\$3	267AZAZ	FLOAT	\$437	315WCB	FLOAT BLOCK	\$54
56	Cotter Pin	\$3	267F	FLOAT	\$376	316	SET SCREW	\$7
63	Gasket	\$4	267Y	FLOAT	\$376	317J	NEEDLE	\$36
63W	GASKET	\$4	267YA	FLOAT	\$376	318P	STOP	\$28
67-8"	FLOAT	\$464	270M	ADJUSTING NUT	\$21	319P	ADJUSTING PIECE	\$9
67-16"	FLOAT	\$494	272AY	PUSHER	\$116	321M	FLOAT	\$111
67F-8"	FLOAT	\$433	272M	PUSHER	\$78	321MF	FLOAT	\$286
67F-16"	FLOAT	\$474	273AY	GLAND	\$161	321WCB	FLOAT	\$295
68-8"	FLOAT	\$628	273M	GLAND	\$88	322	LOCK NUT	\$3
68-12"	FLOAT	\$649	275	FLOAT BLOCK	\$82	324	LOCK NUT	\$3
68F-8"	FLOAT	\$670	276	LEVER	\$31	324S	LOCK NUT	\$9
68F-12"	FLOAT	\$676	277	LINK	\$60	325	CAP SCREW	\$4
69	FLOAT	\$876	278	LINK	\$60	325WCB	CAP SCREW	\$4
73	GASKET	\$7	280	CARTRIDGE	\$430	326	GASKET	\$8
73L	GASKET	\$7	285A	SPRING	\$6	326KZ	GASKET	\$13
75H	O-RING	\$12	289	GASKET	\$6	326Y	GASKET	\$8

## REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE
326YA	GASKET	\$12	602A	BACK PLATE	\$141	700-4JRSS	PISTON	\$236
327P	STEM	\$95	602AK	GUIDE PIECE	\$109	700-4JRX	PISTON	\$101
328E	GLAND	\$70	602BJ	BACK PLATE	\$157	700-4X	PISTON	\$101
331-15	FLOAT	\$461	602DJ	BACK PLATE	\$218	700-4XH	PISTON	\$141
331-15F	FLOAT	\$482	602K	GUIDE PIECE	\$94	700-4XT	PISTON	\$203
333	PIPE PLUG	\$6	603AJ	TEFLON RING	\$34	700-7	FLUSH PLUG	\$28
334CB	CONNECTOR	\$47	603BJ	TEFLON RING	\$47	700-7AQ	FLUSH PLUG	\$102
343	FLOAT ROD	\$28	603DJ	TEFLON RING	\$72	700-7AX	FLUSH PLUG	\$43
343A	FLOAT ROD	\$14	603J	TEFLON RING	\$28	700-7AXH	METERING PLUG	\$118
343AZ	FLOAT ROD	\$60	603JR	TEFLON RING	\$15	700-7AXS	FLUSH PLUG	\$53
343CP	FLOAT ROD	\$47	604	VALVE PIECE	\$94	700-7AXT	FLUSH PLUG	\$101
343D	FLOAT ROD	\$30	604A	VALVE PIECE	\$136	700-7BX	FLUSH PLUG	\$147
343H	FLOAT ROD	\$47	604AJ	VALVE PIECE	\$111	700-7BXH	METERING PLUG	\$188
343WA	FLOAT ROD	\$91	604B	VALVE PIECE	\$311	700-7BXS	FLUSH PLUG	\$147
343WCB	FLOAT ROD	\$11	604BJ	VALVE PIECE	\$289	700-7H_	METERING PLUG	\$118
355	CARTRIDGE	\$606	604DJ	VALVE PIECE	\$470	700-7JR	FLUSH PLUG	\$24
356	SPRING	\$6	604J	VALVE PIECE	\$66	700-7JRH	METERING PLUG	\$90
357	ADJUSTING SCREW	\$11	604JR	VALVE PIECE	\$45	700-7JRS	FLUSH PLUG	\$77
358	PUSHER	\$66	605A1	SPRING	\$13	700-7S	FLUSH PLUG	\$79
359	LOCK NUT	\$4	605A4	SPRING	\$12	700-7T	FLUSH PLUG	\$67
363	PLUG	\$64	605AJ	SPRING	\$15	702APN	BONNET	\$686
364	GASKET	\$12	605B	SPRING	\$29	702AS	BONNET	\$182
365	GASKET	\$4	605BJ	SPRING	\$27	702BPN	BONNET	\$1,133
369	ADJUSTING SCREW	\$17	605BJS	SPRING	\$35	702BS	BONNET	\$334
369A	STOP SCREW	\$11	605DJ	SPRING	\$34	702BT	BONNET	\$298
370	FLOAT	\$345	605DJS	SPRING	\$66	702BXS	BONNET	\$353
370A	FLOAT	\$379	605JR	SPRING	\$13	702JRS	BONNET	\$101
370M	FLOAT	\$383	608AJ	BACK PLATE RING	\$32	702S	BONNET	\$101
370MF	FLOAT	\$451	608BJ	BACK PLATE RING	\$39	702T	BONNET	\$146
377	STEM	\$43	608DJ	BACK PLATE RING	\$60	703	SEAT DISC	\$15
411	LEVER PIN	\$12	608J	BACK PLATE RING	\$26	703A	SEAT DISC	\$23
411&SPACER	LEVER PIN	\$17	608JR	BACK PLATE RING	\$17	703B	SEAT DISC	\$40
431	LINK	\$7	610B	RETAINER	\$55	703JR	SEAT DISC	\$15
431AY	LINK	\$21	700-2	BONNET	\$80	703JRN	SEAT DISC	\$23
477K	SPRING	\$9	700-2A	BONNET	\$128	703BXS	SEAT DISC	\$136
477-1	SPRING	\$10	700-2AP	BONNET	\$378	704	PISTON	\$173
506	GASKET	\$4	700-2AT	BONNET	\$182	704A	PISTON	\$227
515	SPRING	\$19	700-2B	BONNET	\$293	704B	PISTON	\$499
516	SPRING CONE	\$27	700-3A	SEAT DISC	\$162	704JR	PISTON	\$159
517	SCREEN	\$105	700-3AX	SEAT DISC	\$24	705-1L	SPRING	\$14
517JRP	SCREEN	\$94	700-3B	SEAT DISC	\$124	705-5L	SPRING	\$14
558	SCREEN	\$86	700-3BX	SEAT DISC	\$57	705-10L	SPRING	\$14
577	CAP SCREW	\$4	700-3X	SEAT DISC	\$17	705-20L	SPRING	\$14
580	SCREEN	\$199	700-4AX	PISTON	\$148	705-35L	SPRING	\$14
600D2-2	CHECK VALVE	\$332	700-4AXH	PISTON	\$227	705-35R	SPRING	\$14
600D3-2	CHECK VALVE	\$544	700-4AXS	PISTON	\$173	705-45L	USE 705-50L	\$14
600D3XT	CHECK VALVE	\$872	700-4AXT	PISTON	\$482	705-50L	SPRING	\$14
601AJ	SNAP RING	\$14	700-4BP	PISTON	\$480	705-60L	SPRING	\$14
601B	STEM	\$261	700-4BX	PISTON	\$213	705-60R	SPRING	\$14
601BJ	SNAP RING	\$18	700-4BXH	PISTON	\$356	705-70L	SPRING	\$14
601DJ	SNAP RING	\$30	700-4BXS	PISTON	\$272	705-90L	SPRING	\$14
601J	SNAP RING	\$12	700-4BXT	PISTON	\$558	705A	SPRING	\$31
601JR	SNAP RING	\$9	700-4JRH	PISTON	\$190	705A-2L	SPRING	\$31

## REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE	PART NO.	DESCRIPTION	LIST PRICE
705A-10L	SPRING	\$31	725	GASKET	\$6	3002JR	BONNET	\$118
705A-20L	SPRING	\$31	725N	GASKET	\$8	3002JRN	BONNET	\$87
705A-30L	SPRING	\$31	728	GASKET	\$3	3003	SEAT DISC	\$21
705A-60L	SPRING	\$31	752AQ	SLEEVE	\$503	3003A	SEAT DISC	\$28
705A-110L	SPRING	\$31	754AQ	PISTON	\$312	3003B	SEAT DISC	\$40
705A-114	SPRING	\$31	775	PACKING RING	\$8	3003JR	SEAT DISC	\$18
705AL	SPRING	\$14	776	RETAINER	\$8	3004	PISTON	\$97
705B-3L	SPRING	\$91	777BN	PACKING RING	\$11	3004A	PISTON	\$162
705B-10L	SPRING	\$91	1100AH	HOUSING	\$116	3004B	PISTON	\$235
705B-15X	SPRING	\$91	1100ATH	HOUSING	\$119	3004JR	PISTON	\$159
705B-30L	SPRING	\$91	1100CH	HOUSING	\$97	3006	SEAT	\$41
705B-60L	SPRING	\$91	1100H	HOUSING	\$82	3006A	SEAT	\$66
705B-100L	SPRING	\$91	1100LCH	HOUSING	\$130	3006B	SEAT	\$82
705B-160L	SPRING	\$91	1100LH	HOUSING	\$126	3006JR	SEAT	\$40
705BL	SPRING	\$91	1100LSH	HOUSING	\$247	3010	GASKET	\$6
705L	SPRING	\$8	1100SH	HOUSING	\$163	3010AN	GASKET	\$5
706-9/16"	SEAT	\$66	1100TH	HOUSING	\$134	3010JR	GASKET	\$6
706-23/32"	SEAT	\$66	1100VH	HOUSING	\$227	3012A	PUSH ROD	\$58
706A-23/32"	SEAT	\$80	1101	LENS - CLEAR	\$60	3012B	PUSH ROD	\$66
706A-7/8"	SEAT	\$80	1101R	LENS - REFLEX	\$47	3012JRL	PUSH ROD	\$36
706B	SEAT	\$116	1102SH	RETAINER SS HEX	\$82	3012L	PUSH ROD	\$36
706JR-3/8"	SEAT	\$66	1103	GASKET	\$6	3013	NUT	\$4
706JR-9/16"	SEAT	\$66	1103T	GASKET - TEFLON	\$44	3013JR	NUT	\$4
706JRP	SEAT	\$44	1104	GASKET	\$3	3014A	TUBE ASS'Y	\$76
707-9/16"	METERING PLUG	\$60	1105/1106	FROST SHIELD	\$43	3014TF	TUBE FITTING	\$33
707-23/32"	METERING PLUG	\$60	1105L/1106	FROST SHIELD	\$55	5000-131	SNAP RING	\$7
707A-23/32"	METERING PLUG	\$75	1106	O-RING	\$3	5000-175	SNAP RING	\$9
707A-7/8"	METERING PLUG	\$75	1358	GASKET	\$8	5108-137	SNAP RING	\$7
707B	METERING PLUG	\$173	1458	GASKET	\$15	5108-177	SNAP RING	\$10
707JR-3/8"	METERING PLUG	\$72	2026SL	NOZZLE	\$195	RHR120	DELAY RLY 120V	\$291
707JR-9/16"	METERING PLUG	\$72	2027SL	THROAT	\$116	RHR240	DELAY RLY 240V	\$291
708A	SPRING CONE	\$41	2028SL	NUT	\$41	THR120	TIMER ASSY 120V	\$384
708AT	SPRING CONE	\$45	2030SL	NUT	\$42	THR240	TIMER ASSY 240V	\$384
708B	SPRING CONE	\$41	2046SL	NOZZLE	\$128	U4-1	NUT	\$46
708BT	SPRING CONE	\$136	2047SL	THROAT	\$62	U4-1S	NUT	\$46
708BXT	SPRING CONE	\$147	2048	NUT	\$67	U4-3S	RETAINER	\$35
710	GASKET	\$4	2049	GASKET	\$4	U4-4	GASKET	\$3
710A	GASKET	\$6	2076W	FRONT PIECE	\$15	U6-1S	NUT	\$60
710B	GASKET	\$8	2077W	THROAT	\$81	U6-4	GASKET	\$4
710JR	GASKET	\$6	2101W	FRONT PIECE	\$54			
711	STEM	\$64	2106SL	NOZZLE	\$191			
711A	STEM	\$68	2107SL	THROAT	\$87			
711AXT	STEM	\$101	2107W	THROAT	\$195			
711B	STEM	\$109	2108SL	NUT	\$66			
711BT	STEM	\$124	2110SL	CONNECTOR	\$44			
711X	STEM	\$47	2111	GASKET	\$3			
711XS	STEM	\$54	2126	NOZZLE	\$281			
711XT	STEM	\$97	2127WA	THROAT	\$162			
714	SEAL CAP	\$72	2222	NOZZLE	\$356			
714B	SEAL CAP	\$132	2223W	THROAT	\$538			
718	CAP SCREW	\$3	3002	BONNET	\$113			
720	GASKET	\$6	3002A	BONNET	\$148			
720B	GASKET	\$6	3002AN	BONNET	\$676			

## **RETURN MATERIAL AUTHORIZATION POLICY**

H. A. Phillips & Co. will review any customer's request to return product(s) for credit or repair. Customers must obtain Return Material Authorization prior to returning any product(s). NOTE: RMA numbers are only valid for 60 days following their date of issue.

Please follow these steps:

1. Contact H. A. Phillips & Co. for a Return Material Authorization (RMA) number.
2. H. A. Phillips & Co. issues customer an RMA form.
3. H. A. Phillips & Co. indicates "REPAIR AND 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. Customer ships the product(s) prepaid UPS to the factory address (unless other arrangements have been approved by H. A. Phillips & Co.).

Returns:

When a credit is requested, H.A. Phillips & Co. will inspect the returned condition of 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, 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 5% of the purchase price or \$10.00, whichever is greater, will apply if the product is returned without an RMA or if the RMA is more than 60 days old on the date that the product was shipped to the factory by 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 a request for an RMA. Please check with the factory to verify age of valve. Repair parts for older valves are usually available. H. A. Phillips & Co. will repair a valve for a fee of 75% of current total cost for a new valve, contingent on re-use of the valve body and float ball (if applicable). H. A. Phillips & Co. standard warranty will apply to a repaired valve.

## **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 first use or eighteen months from date of shipment, whichever first occurs ("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.

Except for Products manufactured by Danfoss A/S and sold by Seller, 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.

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

1. **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.
2. **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 by Seller, shall remain firm for sixty (30) days unless Seller notifies Buyer to the contrary.
3. **Payment Terms.** Provided that Buyer has established a credit account with Seller, then payment terms for all Products are net cash (U.S. Dollars) thirty (30) days from date of invoice; otherwise payment is due upon delivery. 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. Certain credit cards may be accepted for payment for orders not exceeding \$2,000, but only prior to the time that an order has shipped. Credit cards will not be accepted after the time that an order has shipped. 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.
4. **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.
5. **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.**
6. **Freight.** All shipments are F.O.B., Seller's factory in Illinois. If Buyer specifies 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. Any orders placed after 2pm Central Time requiring same-day assembly will be charge a \$25 fee per item.
7. **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.
8. **Returns.** No returns of special or custom-made Products ordered by Buyer will be accepted by Seller. 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. A copy of Seller's Return Material Authorization Policy is available upon request.
9. **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.
10. **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.**
11. **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.**
12. **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.
13. **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.
14. **Jurisdiction.** Seller and Buyer hereby acknowledge and agree that this sale is entered into in Kane County, Illinois, and hereby further agree to submit themselves to the jurisdiction of the courts of Kane 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.
15. **Waiver.** Waiver by Seller of Buyer's breach of any of these Terms shall not be construed as a waiver of any other breach.