



Refrigerating Specialties

Flo-Con List Price Schedule*

CLP-19

April 1, 2018

Refrigeration Control Valves

Supersedes Price Schedule CLP-18, Dated April 2017

SALES AND SERVICE

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Offer of Sale

*Prices are subject to change without notice. Regular purchasers will normally be notified of price changes.

Inlet Pressure Regulators

Operation:

- Maintains a constant inlet pressure

Range A/D:

250mm Hg to 27.6 bar (10" Hg to 400 psig)



Type	Port Size		Connection		Part Number	Weight	List Price
	mm	in	mm	in		lbs	
A8A	9	3/8	15	5/8	101703	7	\$484
	15	5/8			101706		
	9	3/8	22	7/8	101704	7	\$519
	15	5/8			101707		
	22	7/8			101711		
	9	3/8	28	1-1/8	101705	7	\$524
	15	5/8			101708		
	22	7/8			101712		
A81	15	5/8	28	1-1/8	101709	9	\$651
	22	7/8			101713		
	28	1-1/8			101716		
	35	1-3/8			101720		
	15	5/8	35	1-3/8	101710	9	\$742
	22	7/8			101714		
	28	1-1/8			101717		
	35	1-3/8			101721		
	22	7/8	42	1-5/8	101715	9	\$786
	28	1-1/8			101718		
	35	1-3/8			101722		
	22	7/8	54	2-1/8	103041	9	\$862
	28	1-1/8			101719		
	35	1-3/8			101723		
A82	42	1-5/8	42	1-5/8	102920	17	\$1,051
	54	2-1/8			102921		
	66	2-5/8			102922		
	42	1-5/8	54	2-1/8	102923	17	\$1,252
	54	2-1/8			102924		
	66	2-5/8			102925		
	42	1-5/8	66	2-5/8	103282	17	\$1,348
	54	2-1/8			102927		
	66	2-5/8			102928		

Inlet Pressure Regulators With Electric Shut-Off Feature

Operation:

- Regulating when coil is energized
- Closed when coil is de-energized

Range A/D:

250mm Hg to 27.6 bar (10" Hg to 400 psig)

Standard Coil Voltages:

110-120VAC ~ 50/60Hz

220-240VAC ~ 50/60Hz

208VAC ~ 60Hz



Type	Port Size		Connection		Part Number	Weight	List Price
	mm	in	mm	in		lbs	
A8AS	15	5/8	15	5/8	101769	9	\$706
	22	7/8	22	7/8	101774	9	\$742
	15	5/8	28	1-1/8	101771		
A81S	22	7/8	28	1-1/8	101776	9	\$860
	28	1-1/8			101779		
	22	7/8			101777		
	28	1-1/8	35	1-3/8	101780	11	\$954
	35	1-3/8			101784		
	28	1-1/8	42	1-5/8	101781	11	\$1,008
A82S	35	1-3/8			101785		
	42	1-5/8	42	1-5/8	102934	17	\$1,148
	42	1-5/8			102935		
	54	2-1/8	54	2-1/8	102937	17	\$1,445
	66	2-5/8			102940		
	42	1-5/8			103286		
	54	2-1/8	66	2-5/8	102938	17	\$1,588
	66	2-5/8			102941		

ADD \$80 TO LIST PRICE FOR EACH STANDARD COIL,
 \$109 FOR EACH COIL WITH QD CONNECTION
SEE PAGE 20 TO ORDER COILS

Inlet Pressure Regulators with Wide Open Feature

Operation:

- Regulating when coil is de-energized
- Wide open when coil is energized

Range A/D:

250mm Hg to 27.6 bar (10" Hg to 400 psig)

Standard Coil Voltages:

110-120VAC ~ 50/60Hz

220-240VAC ~ 50/60Hz

208VAC ~ 60Hz



Type	Port Size		Connection		Part Number	Weight	List Price
	mm	in	mm	in		lbs	
A8AB	15	5/8	15	5/8	101727	9	\$747
	9	3/8			101725		
	15	5/8	22	7/8	101728	9	\$775
	22	7/8			101732		
	15	5/8	28	1-1/8	101729	9	\$775
	22	7/8			101733		
A81B	15	5/8			101730		
	22	7/8	28	1-1/8	101734	11	\$912
	28	1-1/8			101737		
	22	7/8			101735		
	28	1-1/8	35	1-3/8	101738	11	\$998
	35	1-3/8			101742		
	22	7/8			101736		
	28	1-1/8	42	1-5/8	101739	11	\$1,050
	35	1-3/8			101743		
	28	1-1/8	54	2-1/8	101740	11	\$1,130
A82B	42	1-5/8			102942		
	54	2-1/8	42	1-5/8	102945	17	\$1,398
	66	2-5/8			102944		
	42	1-5/8			102943		
	54	2-1/8	54	2-1/8	102946	17	\$1,605
	66	2-5/8			102948		
	42	1-5/8			103283		
	54	2-1/8	66	2-5/8	102947	17	\$1,702
	66	2-5/8			102949		

ADD \$80 TO LIST PRICE FOR EACH STANDARD COIL,
\$109 FOR EACH COIL WITH QD CONNECTION
SEE PAGE 20 TO ORDER COILS

Differential Pressure Regulators

Operation:

- Maintains a set pressure differential between the inlet and outlet of the valve

Range A:

0 to 8.3 bar (0 to 120 psig)



Type	Port Size		Connection		Part Number	Weight	List Price
	mm	in	mm	in		lbs	
A8AL	9	3/8	15	5/8	101950	7	\$607
	15	5/8			101953		
	9	3/8	22	7/8	101951	7	\$640
	15	5/8			101954		
	22	7/8			101958		
	9	3/8	28	1-1/8	101952	7	\$647
	15	5/8			101955		
	22	7/8			101959		
A81L	22	7/8	28	1-1/8	101960	9	\$779
	28	1-1/8			101963		
	35	1-3/8			101967		
	22	7/8	35	1-3/8	101961	9	\$868
	28	1-1/8			101964		
	35	1-3/8			101968		
	28	1-1/8	42	1-5/8	101965	9	\$913
	35	1-3/8			101969		
A82L	35	1-3/8	54	2-1/8	101970	9	\$997
	42	1-5/8	42	1-5/8	102950	18	\$1,172
	66	2-5/8			102952		
	42	1-5/8	54	2-1/8	102951	18	\$1,376
	54	2-1/8			102954		
	66	2-5/8			102956		
	42	1-5/8	66	2-5/8	103285	18	\$1,471
	66	2-5/8			102957		

Differential Pressure Regulators with Electric Wide Open Feature

Operation:

- Maintains a set pressure differential between the inlet and outlet of the valve
- Regulating when coil is de-energized
- Wide open when coil is energized

Range A:

0 to 8.3 bar (0 to 120 psig)

Standard Coil Voltages:

110-120VAC ~ 50/60Hz

220-240VAC ~ 50/60Hz

208VAC ~ 60Hz



Type	Port Size		Connection		Part Number	Weight	List Price
	mm	in	mm	in		lbs	
A8ABL	15	5/8	15	5/8	101748	9	\$872
	15	5/8	22	7/8	101749	9	\$901
	22	7/8			101753		
	15	5/8	28	1-1/8	101750	9	\$912
	22	7/8			101754		
A81BL	22	7/8	28	1-1/8	101755	11	\$1,040
	28	1-1/8			101758		
	22	7/8			101756		
	28	1-1/8	35	1-3/8	101759	11	\$1,111
	35	1-3/8			101763		
	28	1-1/8	42	1-5/8	101760	11	\$1,171
	35	1-3/8			101764		
	35	1-3/8	54	2-1/8	101765	11	\$1,253
A82BL	42	1-5/8			102958		
	54	2-1/8	42	1-5/8	102961	18	\$1,528
	66	2-5/8			102960		
	42	1-5/8			102959		
	54	2-1/8	54	2-1/8	102962	18	\$1,733
	66	2-5/8			102964		
	42	1-5/8			103284		
	54	2-1/8	66	2-5/8	102963	18	\$1,814
	66	2-5/8			102965		

ADD \$80 TO LIST PRICE FOR EACH STANDARD COIL,
\$109 FOR EACH COIL WITH QD CONNECTION
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Outlet (Crankcase) Pressure Regulators - Externally Equalized

Operation:

- Maintains a constant outlet or downstream pressure at sensing point

Range A/D:

250mm Hg to 27.6 bar (10" Hg to 400 psig)



Type	Port Size		Connection		Part Number	Weight	List Price
	mm	in	mm	in		lbs	
A8AOE	9	3/8	15	5/8	101892	7	\$554
	15	5/8			101895		
	9	3/8	22	7/8	101893	7	\$583
	15	5/8			101896		
	22	7/8			101900		
	9	3/8	28	1-1/8	101894	7	\$591
	15	5/8			101897		
	22	7/8			101901		
A810E	15	5/8	28	1-1/8	101898	9	\$716
	22	7/8			101902		
	28	1-1/8			101905		
	35	1-3/8			101909		
	15	5/8	35	1-3/8	101899	9	\$811
	22	7/8			101903		
	28	1-1/8			101906		
	35	1-3/8			101910		
	22	7/8	42	1-5/8	101904	9	\$851
	28	1-1/8			101907		
	35	1-3/8			101911		
	35	1-3/8			101912		
A820E	42	1-5/8	42	1-5/8	102966	17	\$1,196
	54	2-1/8			102970		
	42	1-5/8	54	2-1/8	103275	17	\$1,410
	54	2-1/8			102969		
	42	1-5/8	66	2-5/8	103276	17	\$1,502
	54	2-1/8			103270		

Outlet (Crankcase) Pressure Regulators with Electric Shut-Off Feature - Externally Equalized

Operation:

- Maintains a constant outlet or downstream pressure at sensing point
- Closed when coil is de-energized

Range A/D:

250mm Hg to 27.6 bar (10" Hg to 400 psig)

Standard Coil Voltages:

110-120VAC ~ 50/60Hz

220-240VAC ~ 50/60Hz

208VAC ~ 60Hz



Type	Port Size		Connection		Part Number	Weight	List Price
	mm	in	mm	in		lbs	
A8A0ES	9	3/8	15	5/8	101829	9	\$732
	15	5/8			101832		
	15	5/8	22	7/8	101833	9	\$760
	22	7/8			101837		
	15	5/8	28	1-1/8	101834	9	\$769
	22	7/8			101838		
A810ES	22	7/8	28	1-1/8	101839	11	\$899
	28	1-1/8			101842		
	15	5/8	35	1-3/8	101836	11	\$993
	22	7/8			101840		
	28	1-1/8			101843		
	35	1-3/8			101847		
	35	1-3/8	42	1-5/8	101848	11	\$1,009
	35	1-3/8	54	2-1/8	101849	11	\$1,096

ADD \$80 TO LIST PRICE FOR EACH STANDARD COIL,
\$109 FOR EACH COIL WITH QD CONNECTION
SEE PAGE 20 TO ORDER COILS

A9/A9E Hot Gas Bypass Pressure Regulators

A9 - Internally Equalized

A9E - Externally Equalized

Operation:

- Maintains a constant outlet or downstream pressure at sensing point



Standard Range A:

250mm Hg to 8.3 bar (10" Hg to 120 psig)

Optional Range B:

5.5 to 15.1 bar (80 to 220 psig)

Type	Port Size		Connection		Range	Part Number	Weight	List Price
	mm	in	mm	in			lbs	
A9	9	3/8	15	5/8	A	100911	3	\$416
	9	3/8			B	100915		
	15	5/8			A	100912		
	15	5/8			B	100916		
	9	3/8	22	7/8	A	103746	4	\$571
	9	3/8			B	102903		
	15	5/8			A	101405		
	15	5/8			B	101463		
	22	7/8	22	7/8	A	100913	4	\$571
	22	7/8			B	100917		
	9	3/8	28	1-1/8	B	101987	4	\$730
	15	5/8			A	106421		
	15	5/8			B	107912		
	22	7/8	28	1-1/8	A	101660	4	\$730
	22	7/8			B	102055		
A9E	28	1-1/8	28	1-1/8	A	100914	4	\$730
	28	1-1/8			B	100918		
	9	3/8	15	5/8	A	100930	3	\$416
	9	3/8			B	100934		
	15	5/8			A	100931		
	15	5/8			B	100935		
	22	7/8	15	5/8	A	101421	3	\$416
	22	7/8			B	103594		
	28	1-1/8	15	5/8	A	101928	3	\$416
	28	1-1/8			B	103293		
	9	3/8	22	7/8	A	102032	4	\$571
	15	5/8			A	101386		
	22	7/8	22	7/8	A	100932	4	\$571
	22	7/8			B	100936		
	15	5/8	28	1-1/8	A	101466	4	\$735
	15	5/8	29	1-1/8	B	102810	4	
	22	7/8	28	1-1/8	A	102133	4	\$730
	28	1-1/8	28	1-1/8	A	100933	4	\$730
	28	1-1/8			B	100937		

A9S/A9SE Hot Gas Bypass Pressure Regulators With Electric Shut-Off Feature

A9S - Internally Equalized

A9SE - Externally Equalized

Operation:

- Maintains a constant outlet or downstream pressure at sensing point
- Closed when coil is de-energized



Standard Range A:

250mm Hg to 8.3 bar (10" Hg to 120 psig)

Standard Coil Voltages:

110-120VAC ~ 50/60Hz

220-240VAC ~ 50/60Hz

Optional Range B:

5.5 to 15.1 bar (80 to 220 psig)

208VAC ~ 60Hz

Type	Port Size		Connection		Range	Part Number	Weight	List Price
	mm	in	mm	in			lbs	
A9S	9	3/8			B	100926		
	15	5/8	15	5/8	A	100923	4	\$644
	15	5/8			B	100927		
	15	5/8			A	106407		
	15	5/8	15	7/8	B	106491	4	\$796
	22	7/8			A	100924		
	22	7/8			B	100928		
	22	7/8	15	1-1/8	A	106408	4	\$957
A9SE	28	1-1/8			A	100925		
	9	3/8			A	100938		
	9	3/8			B	100942		
	15	5/8	15	5/8	A	100939	4	\$644
	15	5/8			B	100943		
	22	7/8			A	102893		
	9	3/8			A	101986		
	15	5/8			A	101435		
	15	5/8	22	7/8	B	102929	4	\$800
	22	7/8			A	100940		
	22	7/8			B	100944		
	15	5/8			A	106879		
	22	7/8			A	101545		
	22	7/8	28	1-1/8	B	102074	4	\$957
	28	1-1/8			A	100941		
	28	1-1/8			B	100945		

ADD \$80 TO LIST PRICE FOR EACH STANDARD COIL,
 \$109 FOR EACH COIL WITH QD CONNECTION
SEE PAGE 20 TO ORDER COILS

PORT Pressure Regulators

Evaporator Pressure Regulators (EPR)

Operation:

- Maintains a constant inlet pressure

Material:

Ductile Iron Body

Standard Range A:

250mm Hg to 8.3 bar (10" Hg to 120 psig)



Type	Port Size		Connection		Part Number	Model Number	Weight	List Price
	mm	in	mm	in			lbs	
PORT	9	3/8	15	5/8	107489	PORT 03-05	9	\$511
	15	5/8			107491	PORT 05-05		
	9	3/8	22	7/8	103626	PORT 03-07	9	\$511
	15	5/8			103627	PORT 05-07		
	22	7/8			103628	PORT 07-07		
	28	1-1/8			103629	PORT 09-07		
	9	3/8	28	1-1/8	103606	PORT 03-09	9	\$511
	15	5/8			103563	PORT 05-09		
	22	7/8			103565	PORT 07-09		
	28	1-1/8			103568	PORT 09-09		
	35	1-3/8			103572	PORT 11-09		
	9	3/8	35	1-3/8	103607	PORT 03-11	9	\$607
	15	5/8			103564	PORT 05-11		
	22	7/8			103566	PORT 07-11		
	28	1-1/8			103569	PORT 09-11		
	35	1-3/8			103573	PORT 11-11		
	9	3/8	42	1-5/8	103608	PORT 03-13	9	\$693
	15	5/8			103610	PORT 05-13		
	22	7/8			103567	PORT 07-13		
	28	1-1/8			103570	PORT 09-13		
	35	1-3/8			103574	PORT 11-13		
	42	1-5/8	42	1-5/8	103832	PORT 13-13	17	\$998
	54	2-1/8			103835	PORT 17-13		
	66	2-5/8			103838	PORT 21-13		
	9	3/8	54	2-1/8	103609	PORT 03-17	9	\$693
	15	5/8			103611	PORT 05-17		
	22	7/8			103612	PORT 07-17		
	28	1-1/8			103571	PORT 09-17		
	35	1-3/8			103575	PORT 11-17		
	42	1-5/8	54	2-1/8	103833	PORT 13-17	17	\$1,194
	54	2-1/8			103836	PORT 17-17		
	66	2-5/8			103839	PORT 21-17		
	42	1-5/8	66	2-5/8	103834	PORT 13-21	17	\$1,284
	54	2-1/8			103837	PORT 17-21		
	66	2-5/8			103840	PORT 21-21		

PORT II Pressure Regulators

Evaporator Pressure Regulators (EPR)

Operation:

- Maintains a constant inlet pressure

Material:

Aluminum Bronze Body

Standard Range A:

250mm Hg to 8.3 bar (10" Hg to 120 psig)



Type	Port Size		Connection		Part Number	Model Number	Weight	List Price
	mm	in	mm	in			lbs	
PORT II	9	3/8	22	7/8	104572	PORT II 03-07	9	\$668
	15	5/8			104577	PORT II 05-07		
	22	7/8			104582	PORT II 07-07		
	28	1-1/8			104587	PORT II 09-07		
	9	3/8	28	1-1/8	104573	PORT II 03-09	9	\$668
	15	5/8			104578	PORT II 05-09		
	22	7/8			104583	PORT II 07-09		
	28	1-1/8			104588	PORT II 09-09		
	35	1-3/8			104592	PORT II 11-09		
	9	3/8	35	1-3/8	104574	PORT II 03-11	9	\$773
	15	5/8			104579	PORT II 05-11		
	22	7/8			104584	PORT II 07-11		
	28	1-1/8			104589	PORT II 09-11		
	35	1-3/8			104593	PORT II 11-11		
	9	3/8	42	1-5/8	104575	PORT II 03-13	9	\$859
	15	5/8			104580	PORT II 05-13		
	22	7/8			104585	PORT II 07-13		
	28	1-1/8			104590	PORT II 09-13		
	35	1-3/8			104594	PORT II 11-13		
	9	3/8	54	2-1/8	104576	PORT II 03-17	9	\$859
	15	5/8			104581	PORT II 05-17		
	22	7/8			104586	PORT II 07-17		
	28	1-1/8			104591	PORT II 09-17		
	35	1-3/8			104595	PORT II 11-17		

PORT II B Pressure Regulators with Wide Open Feature

Evaporator Pressure Regulators (EPR)

Operation:

- Regulating when coil is de-energized
- Wide open when coil is energized

Standard Coil Voltages:

110-120VAC ~ 50/60Hz

220-240VAC ~ 50/60Hz

208VAC ~ 60Hz

Material:

Aluminum Bronze Body

Standard Range A:

250mm Hg to 8.3 bar (10" Hg to 120 psig)

Type	Port Size		Connection		Part Number	Model Number	Weight	List Price
	mm	in	mm	in			lbs	
PORT II B	9	3/8	22	7/8	106608	PORT II B 03-07	9	\$973

FOR PORT II B, ADD \$83 TO LIST PRICE
FOR EACH STANDARD COIL
SEE PAGE 20 TO ORDER COILS

SPORT Pressure Regulators with Electric Shut-Off Feature

Evaporator Pressure Regulators (EPR)

Operation:

- Regulating when coil is energized
- Closed when coil is de-energized

Material:

Ductile Iron Body



Standard Range A:

250mm Hg to 8.3 bar (10" Hg to 120 psig)

Standard Coil Voltages:

110-120VAC ~ 50/60Hz

220-240VAC ~ 50/60Hz

208VAC ~ 60Hz

Type	Port Size		Connection		Part Number	Model Number	Weight	List Price
	mm	in	mm	in			lbs	
SPORT	9	3/8	15	5/8	107494	SPORT 03-05	11	\$547
	15	5/8			107496	SPORT 05-05		
	9	3/8	22	7/8	103622	SPORT 03-07	11	\$547
	15	5/8			103623	SPORT 05-07		
	22	7/8			103624	SPORT 07-07		
	28	1-1/8			103625	SPORT 09-07		
	9	3/8	28	1-1/8	103599	SPORT 03-09	11	\$547
	15	5/8			103550	SPORT 05-09		
	22	7/8			103552	SPORT 07-09		
	28	1-1/8			103555	SPORT 09-09		
	35	1-3/8			103559	SPORT 11-09		
	9	3/8	35	1-3/8	103600	SPORT 03-11	11	\$587
	15	5/8			103551	SPORT 05-11		
	22	7/8			103553	SPORT 07-11		
	28	1-1/8			103556	SPORT 09-11		
	35	1-3/8			103560	SPORT 11-11		
	9	3/8	42	1-5/8	103601	SPORT 03-13	11	\$677
	15	5/8			103603	SPORT 05-13		
	22	7/8			103554	SPORT 07-13		
	28	1-1/8			103557	SPORT 09-13		
	35	1-3/8			103561	SPORT 11-13		
	15	5/8	54	2-1/8	103604	SPORT 05-17	11	\$677
	22	7/8			103605	SPORT 07-17		
	28	1-1/8			103558	SPORT 09-17		
	35	1-3/8			103562	SPORT 11-17		
	42	1-5/8	42	1-5/8	103841	SPORT 13-13	17	\$1,120
	54	2-1/8	42	1-5/8	103844	SPORT 17-13	17	\$1,156
	66	2-5/8			103847	SPORT 21-13	17	
	42	1-5/8	54	2-1/8	103842	SPORT 13-17	17	\$1,318
	54	2-1/8			103845	SPORT 17-17	17	
	66	2-5/8	54	2-1/8	103848	SPORT 21-17	17	\$1,358
	42	1-5/8	66	2-5/8	103843	SPORT 13-21	17	\$1,408
	54	2-1/8			103846	SPORT 17-21		
	66	2-5/8			103849	SPORT 21-21		

ADD \$83 TO LIST PRICE
FOR EACH STANDARD COIL
SEE PAGE 20 TO ORDER COILS

SPORT B Pressure Regulators with Electric Shut-Off and Wide Open Features

Evaporator Pressure Regulators (EPR)

Operation:

- Regulating when [S] coil is energized
- Closed when [S] coil is de-energized
- Wide open when [B] coil is energized

Standard Coil Voltages:

110-120VAC ~ 50/60Hz
 220-240VAC ~ 50/60Hz
 208VAC ~ 60Hz

Material:

Ductile Iron Body

Standard Range A:

250mm Hg to 8.3 bar (10" Hg to 120 psig)



Type	Port Size		Connection		Part Number	Model Number	Weight	List Price
	mm	in	mm	in			lbs	
SPORT B	9	3/8	15	5/8	107499	SPORT B 03-05	11	\$591
	15	5/8			107501	SPORT B 05-05		
	9	3/8	22	7/8	103630	SPORT B 03-07	11	\$591
	15	5/8			103631	SPORT B 05-07		
	22	7/8			103632	SPORT B 07-07		
	28	1-1/8			103633	SPORT B 09-07		
	9	3/8	28	1-1/8	103613	SPORT B 03-09	11	\$591
	15	5/8			103576	SPORT B 05-09		
	22	7/8			103578	SPORT B 07-09		
	28	1-1/8			103581	SPORT B 09-09		
	35	1-3/8			103585	SPORT B 11-09		
	9	3/8	35	1-3/8	103614	SPORT B 03-11	11	\$637
	15	5/8			103577	SPORT B 05-11		
	22	7/8			103579	SPORT B 07-11		
	28	1-1/8			103582	SPORT B 09-11		
	35	1-3/8			103586	SPORT B 11-11		
	9	3/8	42	1-5/8	103615	SPORT B 03-13	11	\$720
	15	5/8			103617	SPORT B 05-13		
	22	7/8			103580	SPORT B 07-13		
	28	1-1/8			103583	SPORT B 09-13		
	35	1-3/8			103587	SPORT B 11-13		
	42	1-5/8	42	1-5/8	103850	SPORT B 13-13	17	\$1,165
	54	2-1/8	42	1-5/8	103853	SPORT B 17-13	17	\$1,207
	66	2-5/8			103856	SPORT B 21-13		
	9	3/8	54	2-1/8	103616	SPORT B 03-17	11	\$720
	15	5/8			103618	SPORT B 05-17		
	22	7/8			103619	SPORT B 07-17		
	28	1-1/8			103584	SPORT B 09-17		
	42	1-5/8			103851	SPORT B 13-17	17	\$1,358
	54	2-1/8	54	2-1/8	103854	SPORT B 17-17		
	66	2-5/8	54	2-1/8	103857	SPORT B 21-17	17	\$1,408
	42	1-5/8	66	2-5/8	103852	SPORT B 13-21	17	\$1,450
	54	2-1/8			103855	SPORT B 17-21		
	66	2-5/8			103858	SPORT B 21-21		

ADD \$83 TO LIST PRICE FOR EACH STANDARD COIL

(2) REQUIRED

SEE PAGE 20 TO ORDER COILS

SPORT II Pressure Regulators with Electric Shut-Off Feature

Evaporator Pressure Regulators (EPR)

Operation:

- Regulating when coil is energized
- Closed when coil is de-energized

Material:

Aluminum Bronze Body

Standard Range A:

250mm Hg to 8.3 bar (10" Hg to 120 psig)

Standard Coil Voltages:

110-120VAC ~ 50/60Hz

220-240VAC ~ 50/60Hz

208VAC ~ 60Hz



Type	Port Size		Connection		Part Number	Model Number	Weight	List Price
	mm	in	mm	in			lbs	
SPORT II	9	3/8	22	7/8	104548	SPORT II 03-07	10	\$725
	15	5/8			104553	SPORT II 05-07		
	22	7/8			104558	SPORT II 07-07		
	28	1-1/8			104563	SPORT II 09-07		
	9	3/8	28	1-1/8	104549	SPORT II 03-09	10	\$725
	15	5/8			104554	SPORT II 05-09		
	22	7/8			104559	SPORT II 07-09		
	28	1-1/8			104564	SPORT II 09-09		
	35	1-3/8			104568	SPORT II 11-09		
	9	3/8	35	1-3/8	104550	SPORT II 03-11	10	\$770
	15	5/8			104555	SPORT II 05-11		
	22	7/8			104560	SPORT II 07-11		
	28	1-1/8			104565	SPORT II 09-11		
	35	1-3/8			104569	SPORT II 11-11		
	9	3/8	42	1-5/8	104551	SPORT II 03-13	10	\$855
	15	5/8			104556	SPORT II 05-13		
	22	7/8			104561	SPORT II 07-13		
	28	1-1/8			104566	SPORT II 09-13		
	35	1-3/8			104570	SPORT II 11-13		
	9	3/8	54	2-1/8	104552	SPORT II 03-17	10	\$855
	15	5/8			104557	SPORT II 05-17		
	22	7/8			104562	SPORT II 07-17		
	28	1-1/8			104567	SPORT II 09-17		
	35	1-3/8			104571	SPORT II 11-17		

ADD \$83 TO LIST PRICE
FOR EACH STANDARD COIL
SEE PAGE 20 TO ORDER COILS

SPORT II B Pressure Regulators with Electric Shut-Off and Wide Open Feature

Evaporator Pressure Regulators (EPR)

Operation:

- Regulating when (S) coil is energized
- Closed when (S) coil is de-energized
- Wide open when (B) coil is energized

Material:

Aluminum Bronze Body

Standard Range A:

250mm Hg to 8.3 bar (10" Hg to 120 psig)

Standard Coil Voltages:

110-120VAC ~ 50/60Hz

220-240VAC ~ 50/60Hz

208VAC ~ 60Hz



Type	Port Size		Connection		Part Number	Model Number	Weight	List Price
	mm	in	mm	in			lbs	
SPORT II B	9	3/8	22	7/8	104596	SPORT II B 03-07	10	\$767
	15	5/8			104601	SPORT II B 05-07		
	22	7/8			104606	SPORT II B 07-07		
	28	1-1/8			104611	SPORT II B 09-07		
	9	3/8	28	1-1/8	104597	SPORT II B 03-09	10	\$767
	15	5/8			104602	SPORT II B 05-09		
	22	7/8			104607	SPORT II B 07-09		
	28	1-1/8			104612	SPORT II B 09-09		
	35	1-3/8			104616	SPORT II B 11-09		
	9	3/8	35	1-3/8	104598	SPORT II B 03-11	10	\$808
	15	5/8			104603	SPORT II B 05-11		
	22	7/8			104608	SPORT II B 07-11		
	28	1-1/8			104613	SPORT II B 09-11		
	35	1-3/8			104617	SPORT II B 11-11		
	9	3/8	42	1-5/8	104599	SPORT II B 03-13	10	\$892
	15	5/8			104604	SPORT II B 05-13		
	22	7/8			104609	SPORT II B 07-13		
	28	1-1/8			104614	SPORT II B 09-13		
	35	1-3/8			104618	SPORT II B 11-13		
	9	3/8	54	2-1/8	104600	SPORT II B 03-17	10	\$892
	15	5/8			104605	SPORT II B 05-17		
	22	7/8			104610	SPORT II B 07-17		
	28	1-1/8			104615	SPORT II B 09-17		
	35	1-3/8			104619	SPORT II B 11-17		

ADD \$83 TO LIST PRICE FOR EACH STANDARD COIL

(2) REQUIRED

SEE PAGE 20 TO ORDER COILS

SC1/SC2 Solenoid Valves

Operation:

- Closed when coil is de-energized
- Wide open when coil is energized

Material:

Ductile Iron Body



Standard Coil Voltages:

110-120VAC ~ 50/60Hz

220-240VAC ~ 50/60Hz

208VAC ~ 60Hz

Type	Port Size		Connection		Part Number	Model Number	Weight	List Price
	mm	in	mm	in			lbs	
SC1	9	3/8	22	7/8	104013	SC1 03-07	9	\$506
	15	5/8			104018	SC1 05-07		
	22	7/8			104023	SC1 07-07		
	9	3/8	28	1-1/8	104014	SC1 03-09	9	\$506
	15	5/8			104019	SC1 05-09		
	22	7/8			104024	SC1 07-09		
	28	1-1/8			104029	SC1 09-09		
	9	3/8	35	1-3/8	104015	SC1 03-11	9	\$535
	15	5/8			104020	SC1 05-11		
	22	7/8			104025	SC1 07-11		
	28	1-1/8			104030	SC1 09-11		
	35	1-3/8			104034	SC1 11-11		
	9	3/8	42	1-5/8	104016	SC1 03-13	9	\$620
	15	5/8			104021	SC1 05-13		
	22	7/8			104026	SC1 07-13		
	28	1-1/8			104031	SC1 09-13		
	35	1-3/8			104035	SC1 11-13		
	15	5/8	54	2-1/8	104022	SC1 05-17	9	\$620
	22	7/8			104027	SC1 07-17		
	28	1-1/8			104032	SC1 09-17		
	35	1-3/8			104036	SC1 11-17		
SC2	42	1-5/8	42	1-5/8	103997	SC2 13-13	14	\$767
	42	1-5/8	54	2-1/8	103998	SC2 13-17	14	\$1,111
	54	2-1/8			104001	SC2 17-17		
	66	2-5/8			104003	SC2 21-17		
	42	1-5/8	66	2-5/8	103999	SC2 13-21	14	\$1,195
	54	2-1/8			104002	SC2 17-21		
	66	2-5/8			104004	SC2 21-21		

ADD \$83 TO LIST PRICE
FOR EACH STANDARD COIL
SEE PAGE 20 TO ORDER COILS

SC II Solenoid Valves

Operation:

- Closed when coil is de-energized
- Wide open when coil is energized

Material:

Aluminum Bronze Body



Standard Coil Voltages:

110-120VAC ~ 50/60Hz

220-240VAC ~ 50/60Hz

208VAC ~ 60Hz

Type	Port Size		Connection		Part Number	Model Number	Weight	List Price
	mm	in	mm	in			lbs	
SC II	9	3/8	22	7/8	104620	SC II 03-07	9	\$668
	15	5/8			104625	SC II 05-07		
	22	7/8			104630	SC II 07-07		
	9	3/8	28	1-1/8	104621	SC II 03-09	9	\$668
	15	5/8			104626	SC II 05-09		
	22	7/8			104631	SC II 07-09		
	28	1-1/8			104636	SC II 09-09		
	9	3/8	35	1-3/8	104622	SC II 03-11	9	\$699
	15	5/8			104627	SC II 05-11		
	22	7/8			104632	SC II 07-11		
	28	1-1/8			104637	SC II 09-11		
	35	1-3/8			104641	SC II 11-11		
	9	3/8	42	1-5/8	104623	SC II 03-13	9	\$789
	15	5/8			104628	SC II 05-13		
	22	7/8			104633	SC II 07-13		
	28	1-1/8			104638	SC II 09-13		
	35	1-3/8			104642	SC II 11-13		
	15	5/8	54	2-1/8	104629	SC II 05-17	9	\$789
	22	7/8			104634	SC II 07-17		
	28	1-1/8			104639	SC II 09-17		
	35	1-3/8			104643	SC II 11-17		

ADD \$83 TO LIST PRICE
FOR EACH STANDARD COIL
SEE PAGE 20 TO ORDER COILS

Flo-Con Refrigeration Control Valve Parts

A9 Cover and Plug Kit

Part Number	Description	List Price
200891	COVER KIT, A9	\$71.00
200892	PLUG KIT MODULATING, A9 7/8"	\$110.00
200893	PLUG KIT MODULATING, A9 1-1/8"	\$120.00
200894	PLUG KIT, A9 5/8"	\$97.00
200895	PLUG KIT, A9 3/8"	\$97.00

Adapter Kit

Part Number	Description	List Price
202721	A8A/1, A8 PORT (03-11)	\$243.00
202722	A8AS, A81S, A8 SPORT, A8 SPORT II 3/8"-1-3/8" (03-11)	\$329.00
202723	A8AB, A81B	\$329.00
204363	A8ABS, A81BS, A8 SPORT B, A8 SPORT B II 3/8"-1-3/8" (03-11)	\$372.00
202720	A8AOE, A81OE	\$391.00
202719	A8AOES, A81OES	\$475.00
203803	A82, A8 PORT 1-5/8" - 2-5/8" (13-21)	\$345.00
203804	A82S, A8 SPORT 1-5/8" - 2-5/8" (13-21)	\$509.00
203805	A82B	\$438.00
204592	A82BS, SPORT B 1-5/8" - 2-5/8" (13-21)	\$603.00
203806	A82OE	\$489.00
200889	A9E	\$260.00
200890	A9	\$258.00
202401	A9SE	\$455.00
202402	A9S	\$422.00
207031	A9B	\$551.00
204670	S82/SC	\$444.00
204671	S81/SC	\$332.00

Adjusting Stem Kit

Part Number	Description	List Price
209371	A8 ADJUSTING STEM	\$20.00
201698	A8_L, A8_BL	\$62.00

Bolt Package Kit

Part Number	Description	List Price
202717	A8A, A81	\$20.00
202716	A8AOE, A81OE	\$25.00
202718	A8AL, A81L, A8ABL, A81BL	\$21.00
203820	A82	\$22.00
203821	A82O	\$29.00
203822	A82L, A82BL	\$22.00
202254	A9, A9E	\$21.00
202255	A9S, A9SE	\$21.00
204676	S82/SC	\$22.00
204677	S81/SC	\$19.00

Bonnet Kit

Part Number	Description	List Price
200910	A8	\$68.00
202714	A8_L, A8_BL	\$282.00
200907	A9	\$89.00

Cartridge Kit

Part Number	Description	List Price
202712	A8A/1, A8 PORT, A8 SPORT 3/8" (03)	\$345.00
202711	A8A/1, A8 PORT, A8 SPORT 5/8" (05)	\$345.00
202710	A8A/1, A8 PORT, A8 SPORT 7/8" (07)	\$359.00
202709	A8A/1, A8 PORT, A8 SPORT 1-1/8" (09)	\$425.00
202708	A8A/1, A8 PORT, A8 SPORT 1-3/8" (11)	\$461.00
203811	A82, A8 PORT, A8 SPORT 1-5/8" (13)	\$537.00
203812	A82, A8 PORT, A8 SPORT 2-1/8" (17)	\$589.00
203813	A82, A8 PORT, A8 SPORT 2-5/8" (21)	\$641.00
208284	A82L/BL 1-5/8"	\$580.00
208285	A82L/BL 2-1/8"	\$625.00
208286	A82L/BL 2-5/8"	\$680.00
204927	A8 PORT II, A8 SPORT II 3/8" (03)	\$394.00
204928	A8 PORT II, A8 SPORT II 5/8" (05)	\$394.00
204929	A8 PORT II, A8 SPORT II 7/8" (07)	\$418.00
204930	A8 PORT II, A8 SPORT II 1-1/8" (09)	\$489.00
204931	A8 PORT II, A8 SPORT II 1-3/8" (11)	\$524.00
203823	REPAIR KIT, A82	\$62.00

Gasket & O-Ring Kit

Part Number	Description	List Price
202701	GASKET KIT, A8A, A81	\$65.00
203714	GASKET KIT, A8ABL, A81BL	\$67.00
203818	GASKET KIT, A82	\$66.00
203819	GASKET KIT, A82L	\$68.00
202420	GASKET KIT, A9	\$19.00
205933	GASKET, DIELECTRIC (SPORT)	\$76.00
205017	O-RING PKG, CARTRIDGE A8, A8 SPORT 3/8 TO 1-3/8"	\$22.00
205018	O-RING PKG, CARTRIDGE A82, A8 SPORT 1-5/8" TO 2-5/8"	\$22.00

Coil Kit

Part Number	Description	List Price
203360	RETAINER PKG. COIL CLIP	\$48.00
208594	WASHER PKG, SPRING A8/A9 COIL	\$69.00
205933	GASKET, DIELECTRIC (SPORT)	\$76.00

Flo-Con Refrigeration Control Valve Parts

Coils: SPORT, SPORT II, SC Series Valves

Part Number	Description	List Price
206004	120-110VAC ~ 50/60Hz 10W	\$83.00
206005	208-240VAC ~ 50/60Hz 10W OR 220VAC ~ 50Hz 10W	\$83.00
206006	440-480VAC ~ 50/60Hz 10W	\$83.00
206007	24VAC ~ 60Hz	\$86.00

Coils: A8, A9 Series Valves

Part Number	Description	List Price
202940	120-110VAC ~ 50/60Hz 10.5W	\$80.00
202941	220-240VAC ~ 50/60Hz 10.5W	\$80.00
202942	208VAC ~ 60Hz 10.5W	\$80.00
202944	24VAC ~ 60Hz 10.5W	\$82.00
209701	Q/D, 230/50	\$109.00
203748	Q/D, 240/50 10W	\$109.00
204567	24 V DC	\$112.00

Conversion Kit

Part Number	Description	List Price
205603	SC1 TO SPORT II	\$568.00
205604	SC1 TO SPORT II B	\$486.00
205605	SC1 TO PORT II	\$486.00

Diaphragm Follower Kit

Part Number	Description	List Price
200911	A8	\$65.00
200896	A9	\$43.00

Diaphragm Kit

Part Number	Description	List Price
200873	A8 RANGE A	\$57.00
200860	A9 RANGE A	\$37.00
200862	A9 RANGE B	\$48.00

Miscellaneous Kit

Part Number	Description	List Price
204971	VALVE KIT ACCESS, A8	\$19.00

Pilot Seat Kit

Part Number	Description	List Price
202715	A8OE	\$141.00
200859	A9	\$141.00

Piston Kit

Part Number	Description	List Price
203824	A82	\$207.00
200897	A9	\$57.00

Seal Cap Kit

Part Number	Description	List Price
202713	A8_L, A8_BL	\$28.00
205792	A8, SC, SPORT	\$83.00

Spring Kit

Part Number	Description	List Price
202205	A8 RANGE A/D	\$91.00
204368	A8 RANGE A	\$91.00
202702	A8_L, A8_BL RANGE A	\$62.00
202200	A9 RANGE A	\$49.00
202201	A9 RANGE B	\$57.00

General Information

Returned Goods Policy

Products returned are normally subject to a restocking fee on the invoiced amount. Product will be accepted for return within one year from date of purchase.

To ensure accurate and prompt processing of your return, please reference the original purchase order number, invoice number and Authorization to Return (ATR) number in all communications. Freight on all return shipments must be "PREPAID".

Quotations

All quotations expire sixty (60) days from the date of the quotation, unless withdrawn sooner or otherwise stipulated.

Minimum Order Value

\$50.00 NET PER ORDER

Product Shortages/Shipment Damage

Any claims by the Buyer for omissions, shortages, discrepancies or damage in delivery of goods shall be waived unless Seller receives notice thereof within 30 days after the Buyer's receipt of the shipment.

Pricing

Prices are subject to change without notice. Regular purchasers will normally be notified of price changes. A \$75.00 expedite fee will be added for same day shipping.

Warranties

All Refrigerating Specialties products are warranted against defect in workmanship and materials for a period of one year from date of shipment from originating factory. This warranty is in force only when products are properly installed, field assembled, maintained and operated in use and service, as specifically stated in Refrigerating Specialties Catalogs or Bulletins for normal refrigeration applications, unless otherwise approved in writing by Refrigerating Specialties Division. Defective products, or parts thereof, returned to the factory with transportation charges prepaid, and found to be defective by factory inspection, will be replaced or repaired at Refrigerating Specialties option, free of charge, F.O.B. factory. Warranty does not cover products which have been altered, repaired in the field, damaged in transit or have suffered accidents, misuse or abuse. Products disabled by dirt or other foreign substances will not be considered defective.

The express warranty set forth above constitutes the only warranty applicable to Refrigerating Specialties products, and is in lieu of all other warranties, express or implied, written or oral, including any warranty of merchantability or fitness for a particular purpose. No

employee, agent, dealer or other person is authorized to give any warranties on behalf of Refrigerating Specialties, nor to assume, for Refrigerating Specialties, any other liability in connection with any of its products.

Safe Operation

People doing any work on a refrigeration system must be qualified and completely familiar with the system and the Refrigerating Specialties Division valves involved, or all other precautions will be meaningless. This includes reading and understanding pertinent Refrigerating Specialties Division product bulletins and Bulletin RSB prior to installation or servicing work.

Where cold refrigerant liquid lines are used, it is necessary that certain precautions be taken to avoid damage which could result from liquid expansion. Temperature increase in a piping section full of solid liquid will cause high pressure due to the expanding liquid which can possibly rupture a gasket, pipe or valve. All hand valves isolating such sections should be marked, warning against accidental closing, and must not be closed until the liquid is removed. (Tags are available for this purpose from the factory.) Check valves must never be installed upstream of solenoid valves or regulators with electric shut-off, nor should hand valves upstream of solenoid valves or downstream of check valves be closed until the liquid has been removed. It is advisable to properly install relief devices in any section where liquid expansion could take place.

Avoid all piping or control arrangements which might produce thermal or pressure shock.

For the protection of people and products, all refrigerant must be removed from the section to be worked on before a valve strainer or other device is opened or removed.

Consult our website www.parker.com/refspec for bulletins and catalog information on all our products

Offer of Sale

The items described in this document and other documents and descriptions provided by Parker Hannifin Corporation, its subsidiaries and its authorized distributors ("Seller") are hereby offered for sale at prices to be established by Seller. This offer and its acceptance by any customer ("Buyer") shall be governed by all of the following Terms and Conditions. Buyers order for any item described in its document, when communicated to Seller verbally, or in writing, shall constitute acceptance of this offer. All goods, services or work described will be referred to as "Products".

1. Term and Conditions. Seller's willingness to offer Products, or accept an order for Products, to or from Buyer is subject to these Terms and Conditions or any newer version of the terms and conditions found on-line at www.parker.com/salesterms/. Seller objects to any contrary or additional terms or conditions of Buyer order or any other document issued by Buyer.

2. Price Adjustments; Payments. Prices stated on Seller's quote or other documentation offered by Seller are valid for 30 days, and do not include any sales, use, or other taxes unless specifically stated. Unless otherwise specified by Seller, all prices are F.C.A. Seller's facility (INCOTERMS 2010). Payment is subject to credit approval and is due 30 days from the date of invoice or such other terms as required by Seller's Credit Department, after which Buyer shall pay interest on any unpaid invoices at the rate of 1.5% per month or the maximum allowable rate under applicable law.

3. Delivery Dates; Title and Risk; Shipment. All delivery dates are approximate and Seller shall not be responsible for any damages resulting from any delay. Regardless of the manner of shipment, title to any products and risk of loss or damage shall pass to Buyer upon placement of the products with the shipment carrier at Seller's facility. Unless otherwise stated, Seller may exercise its judgment in choosing the carrier and means of delivery. No deferment of shipment at Buyers' request beyond the respective dates indicated will be made except on thermo that will indemnify, defend and hold Seller harmless against all loss and additional expense. Buyer shall be responsible for any additional shipping charges incurred by Seller due to Buyer's acts or omissions.

4. Warranty. Seller warrants that the Products sold hereunder shall be free from defects in material or workmanship for a period of twelve months from the date of delivery to Buyer or 2,000 hours of normal use, whichever occurs first. The prices charged for Seller's products are based upon the exclusive limited warranty stated above, and upon the following disclaimer: **DISCLAIMER OF WARRANTY: THIS WARRANTY COMPRISES THE SOLE AND ENTIRE WARRANTY PERTAINING TO PRODUCTS PROVIDED HEREUNDER, SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS AND IMPLIED, INCLUDING DESIGN, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

5. Claims; Commencement of Actions. Buyer shall promptly inspect all Products upon delivery. No claims for shortages will be allowed unless reported to the Seller within 10 days of delivery. No other claims against Seller will be allowed unless asserted in writing within 30 days after delivery. Buyer shall notify Seller of any alleged breach of warranty within 30 days after the date the defect is or should have been discovered by Buyer. Any action based upon breach of this agreement or upon any other claim arising out of this sale (other than an action by Seller for an amount due on any invoice) must be commenced within 12 months from the date of breach without regards to the breach is discovered.

6. LIMITATION OF LIABILITY. UPON NOTIFICATION, SELLER WILL, AT ITS OPTION, REPAIR OR REPLACE A DEFECTIVE PRODUCT, OR REFUND THE PURCHASE PRICE. **IN NO EVENT SHALL SELLER BE LIABLE TO BUYER FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF, OR AS THE RESULT OF, THE SALE, DELIVERY, NON-DELIVERY, SERVICING, USE OR LOSS OF USE OF THE PRODUCTS OR ANY PART THEREOF, OR FOR ANY CHARGES OR EXPENSES OF ANY NATURE INCURRED WITHOUT SELLER'S WRITTEN CONSENT, EVEN IF SELLER HAS BEEN NEGLIGENT, WHETHER IN CONTRACT, TORT OR OTHER LEGAL THEORY, IN NO EVENT SHALL SELLER'S LIABILITY UNDER ANY CLAIM MADE BY BUYER EXCEED THE PURCHASE PRICE OF THE PRODUCTS.**

7. User Responsibility. The user, through its own analysis and testing, is solely responsible for making the final selection of the system and Product and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application and follow applicable industry standards and Product information. If Seller provides Product or system options, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications a reasonably foreseeable uses of the Products or systems.

8. Loss to Buyer's Property. Any designs, tools, patterns, materials, drawings, confidential information or equipment furnished by Buyer or any other items which become Buyer's property, will be considered obsolete and may be destroyed by Seller after two consecutive years have elapsed without Buyer ordering the items manufactured using such property. Seller shall not be responsible for any loss or damage to such property while it is in Seller's possession or control.

9. Special Tooling. A tooling charge may be imposed for any special tooling, including without limitation, dies, fixtures, molds and patterns, acquired to manufacture products. Such special tooling shall be remain Seller's property notwithstanding payment of any charges by Buyer. In no event will Buyer acquire any interest in apparatus belonging to Seller which is utilized in the manufacture of the Products, even if such apparatus has been specially converted or adapted for such manufacture and notwithstanding any charges paid by Buyer. Unless otherwise agreed, Seller shall have the right to alter, discard or otherwise dispose of any special tooling or other property in its sole discretion at any time.

10. Buyer's Obligation; Rights of Seller. To secure payment of all sums due or otherwise, Seller shall retain a security interest in the goods delivered and this agreement shall be deemed a Security Agreement under the Uniform Commercial Code. Buyer authorizes Seller as its attorney to execute and file on Buyer's behalf all documents Seller deems necessary to perfect its security interest.

11. Improper use and Indemnity. Buyer shall indemnify, defend, and hold Seller harmless from any claim, liability, damages, lawsuits, and costs (including attorney fees), whether for personal

injury, property damage, patent, trademark or copyright infringement or any other claim, brought by or incurred by Buyer, Buyer's employees, or any other person, arising out of: (a) improper selection, improper application or other misuse of Products purchased by Buyer from Seller; (b) any act or omission, negligent or otherwise, or Buyer; (c) Seller's use of patterns, plans, drawings, or specifications furnished by Buyer to manufacture Product; or (d) Buyer's failure to comply with these terms and conditions. Seller shall not indemnify Buyer under any circumstance except as otherwise provided.

12. Cancellations and Changes. Orders shall not be subject to cancellation or change by Buyer for any reason, except with Seller's written consent and upon terms that will indemnify, defend and hold Seller harmless against all direct, incidental and consequential loss or damage. Seller may change product features, specifications, designs and availability with notice to Buyer.

13. Limitation on Assignment. Buyer may not assign its rights or obligations under the agreement without the prior written consent of Seller.

14. Force Majeure. Seller does not assume the risk and shall not be liable for delay or failure to perform any of Seller's obligations by reason of circumstances beyond the reasonable control of Seller (hereinafter Events of Force Majeure). Events of Force Majeure shall include without limitation: accidents, strikes or labor disputes, acts of any government or government agency, acts of nature, delays or failures in delivery from carriers or suppliers, shortages of materials, or any other cause beyond Seller's reasonable control.

15. Waiver and Severability. Failure to enforce any provision of this agreement will not waive that provision nor will any such failure prejudice Seller's right to enforce that provision in the future. Invalidation of any provision of this agreement by legislation or other rule of law shall not invalidate any other provision herein. The remaining provisions of this agreement will remain in full force and effect.

16. Termination. Seller may terminate this agreement for any reason and at any time by giving Buyer thirty (30) days written notice of termination. Seller may immediately terminate this agreement, in writing, if Buyer: (a) commits a breach of any provision of this agreement (b) petition for relief in bankruptcy on its own behalf, or by a third party (d) makes an assignment for the benefit of creditors, or (e) dissolves or liquidates all or a majority of its assets.

17. Governing Law. This agreement and the sale and delivery of all Products hereunder shall be deemed to have taken place in and shall be governed and construed in accordance with the laws of the State of Ohio, as applicable to contracts executed an wholly performed therein and without regard to conflicts of laws principles. Buyer irrevocably agrees and consents to the exclusive controversy or claim arising out of or relating to this agreement.

18. Indemnity for Infringement of Intellectual Property Rights. Seller shall have no liability for infringement of any patents, trademarks, copyrights, trade dress, trade secrets or similar rights except as provided in the Section. Seller will defend and indemnify Buyer against allegations of infringement of U.S. patents, U.S. trademarks, copyrights, trade dress and trade secrets ("Intellectual Property Rights"). Seller will defend at its expense and will pay the cost of any settlement or damages awarded in an action brought against Buyer based on an allegation that a Product sold pursuant to this Agreement infringes the intellectual Property Rights of a third party. Seller's obligation to defend and indemnify Buyer is contingent on Buyer notifying Seller within ten (10) days after Buyer becomes aware of such allegations of infringements, and Seller having sole control over the defense of any allegations or actions including all negotiations for settlement or compromise. If a Product is subject to a claim that it infringes the Intellectual Property Rights of a third party, Seller may, at its sole expense and option, procure of Buyer the right to continue using the Product, replace or modify the Product so as to make it noninfringing, or offer to accept return of the product and return the purchase price less a reasonable allowance for depreciation. Notwithstanding the foregoing, Seller shall have no liability for claims of infringements based on are specified in whole or part by Buyer., or infringements resulting from the modification, combination or use in a system of any Product sold hereunder. The foregoing provisions of this Section shall constitute Seller's Sole and Exclusive liability and Buyer's sole and exclusive remedy for infringement of Intellectual Property Rights.

19. Entire Agreement. This agreement contains the entire agreement between the Buyer and Seller and constitutes the final, complete and exclusive expression of the terms of sale. All prior or contemporaneous written or oral agreements or negotiations with respect to the subject matter are herein merged.

20. Compliance with Law, U.K. Bribery Act and U.S. Foreign Corrupt Practices Act. Buyer agrees to comply with all applicable laws and regulations, including both those of the United Kingdom and the United States of America, and of the country or countries of the Territory in which Buyer may operate, including without limitation the U.K. Bribery Act, The U.S. Foreign Corrupt Practices Act ("FCPA") and the U.S. Anti-Kickback Act (the "Anti-Kickback Act"), and agrees to indemnify and hold harmless Seller from the consequences of any violation of such provisions by Buyer, its employees or agents. Buyer acknowledges that they are familiar with the provisions of the U.K. Bribery Act, the FCPA and the Anti-Kickback Act, and certifies that Buyer will adhere to the requirement thereof. In particular, Buyer represents and agrees that Buyer shall not make any payment or give anything of value, directly or indirectly to any governmental official, any foreign political party or official thereof, any candidate for foreign political office, or any commercial entity of person, for the purpose of influencing such person to purchase products or otherwise benefit the business of Seller.

This image shows a full page of blank graph paper. The grid consists of small, equal-sized squares formed by thin black lines. There are 20 columns and 20 rows of squares, creating a total area of 400 square units. The grid covers the entire page, leaving no margins or other markings.



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