

Table of Contents

PRODUCT GROUP	PAGE #
Featured Accessory	
Universal Valve Retrofit Kit	D-221
Zone	
Replacement Parts	D-223
Powermite	
Mounting/Installation Devices	D-223
Replacement Parts	D-223
Service Kits	D-224
Ball	
Bracket Kit	D-224
Flowrite	
Switches	D-224
Pilot Positioners	D-225
Mounting/Installation Devices	D-225
Weathershields	D-225
Linkage Kits	D-225
Retrofit Kits	D-225
Rebuild/Repack Kits	D-226 – D-229
Diaphragms	D-230
Stem Retainer Kit	D-230
Circuit Boards	D-230
Compartment Cover	D-230
Crank Assembly	D-230
Packing Heating Element	D-231
Stroke Inverter	D-231
Retainer Clamp Kit	D-231
Service Flanges	D-231
Service Kits	D-231
Lower Seat Tools	D-231
Union Kits	D-232
Gasket Kits	D-232

(Continued on next page)

D-219

Valves

Table of Contents *(Continued)*

PRODUCT GROUP	PAGE #
Magnetic Valves	
Control Signal Modules	D-232
Terminal Housing	D-232
Blanking Flange	D-232
Adapter Flanges	D-233
Stem Heater	D-233
Circuit Board	D-233
Repair Module	D-233
Signal Converter	D-233
Powermite 656 Series	
Repack/Rebuild Kits	D-234
Powertop 658 Series	
Repack/Rebuild Kits	D-235

D-220

Valves

Universal Valve Retrofit Kit



Universal Valve Actuator Retrofit Kit.

Description

The Universal Valve Retrofit Kit allows you to install a state-of-the-art Siemens Flowrite Electronic Actuators, regardless of the valve's manufacturer. This kit contains the parts needed to adapt a valve to all Flowrite Pneumatic or SKB, SKC, SKD or SQX Actuators. Kit includes: bonnet adapter, bonnet adapter insert, stem adapter jam nut and square head set screws.

Features

- Easy installation
- Works with electronic or pneumatic actuators
- Installs on most manufacturer's valves



Assembling the Universal Valve Retrofit Kit is quick and easy.

D-221

Valves













Universal Valve Retrofit Kit Product Ordering

Brand	Valve Part No.	Kit Part No.
Siemens	658-XXXX and 339-XXXX	ARK10
	591-XXXX and 598-XXXX	ARK11
Honeywell	V3XXXX (2-1/2 and 3-in.)	ARK16
	V3XXXX (4 through 6-in.)	ARK18
	V501X (A, B, C, F, G, N) 1/2 through 3-in.	ARK17
	V501X (A, B, C) 4 through 6-in.	ARK21
Johnson Controls	VG2XXX	ARK12
	VG7XXX (1 thru 2-in.)	ARK13
	VG7XXX (1/2 to 3/4-in.)	ARK19
Siebe	VB7XXX and VB9XXX (threaded and flanged)	ARK14

D-222

Valves

Accessories & Service Kits

	Description	Product Group	Quantity	Part No.
Zone Valves				
	Actuator Support Ring.	All Zone Valves	Package of 10	599-00599
	Weathershield for Zone & Powermite Valves.	All Zone Valves & Powermite Valves	1	599-10077
Powermite Valves				
	Adapter for 1/2" (13 mm) Conduit.	SQS	1	544-023
	Conduit Connectors.	SSA SSP SSB	1	ASY97
	Terminal Plug and Cover. Labeled Y1-G-Y2. (Cover not shown)	SSB81U SSA/P81U	1	ASY99
	Terminal Plug and Cover. Labeled G-G0-Y. (Cover not shown)	SSB61U SSA/SSP61U	1	ASY100
	Replacement Screws. For use with conduit or terminal connectors.	SSB/SSA/SSP	1	ASY98
	Protective Black Knob. Protects bonnet and threads.	MZ/MT	1	4 268 8895 0
	Cord and Plug. • 4.9 ft. L (1.5 mL) • 14.8 ft. L (4.5 mL)	SSB/SSA/SSP	1	ASY8L15
			1	ASY8L45
	Diaphragm Kit. Contains five diaphragms and mounting screws.	MT	Package of 5	656-736
	Powermite Male Union Connection Kits. • 1/2" • 3/4"	MT	1	599-02941
			1	599-02942
	Powermite Union Gasket Kit. • 1/2" • 3/4"	MT	25 Pieces	698-088
			25 Pieces	599-03394

D-223

Valves









Accessories & Service Kits

	Description	Product Group	Quantity	Part No.
Powermite Valves				
	Service Kit. Includes terminal cover, cover screws (2), tail piece and screw, cable lock and terminal blocks (3). (current model)	SSC	1	411555648
	Weathershield for Zone & Powermite Valves.	All Zone Valves & Powermite Valves	1	599-10077
Ball Valves				
	Ball Valve Bracket Kit. Includes mounting screws.		1	599-10078
Flowrite Valves				
	Auxiliary Switch. Sends a signal to indicate that the valve is in the 0% stroke position; switching point is fixed at the 0% stroke position.	SKD62, SKB62/SKC62	1	ASC1.6
	Double Auxiliary Switch. Switch has adjustable cams that can be set to give a signal at a desired position. • SKB/C • SKD	SKD82, SKB82/C82	1	ASC9.3BCU
			1	ASC9.3DU
	Double Auxiliary Switch. Switch has adjustable cams that can be set to give a signal at a desired position of the stroke.	SQX	1	ASC9.4U
	Auxiliary Potentiometer. Used for remote indication of valve stem position.	SKD, SKB/C	1	ASZ7.3

D-224

Valves

Accessories & Service Kits


	Description	Product Group	Quantity	Part No.
Flowrite Valves				
	Positioning Relay and Mounting Kit.	Flowrite		
	<ul style="list-style-type: none"> • 8-inch • 12-inch 			
	Adapter for 1/2" (13 mm) Conduit.	SQX, SKD & SKB/C	1	544-023
	Rack and Pinion/Bracket Only. Use with OpenAir on Flowrite 1/2-2" (20 mm) stroke valves.	Flowrite	1	599-03610
	Weathershield.	SKB/SKC	1	599-10065
	Weathershield.	SKD/SQX	1	599-10071
	Linkage Kit. 4" (102 mm) link and crank.	Pneumatics Nos. 3, 4, & 6	1	331-958
	Linkage Kit. 4" (102 mm) rod, ball joint and crank.	Pneumatics Nos. 3, 4, & 6	1	331-947
	Universal Valve Retrofit Kit. Contains parts to adapt a valve to Siemens Flowrite 599 Series Actuators.	SKB/SKC, SKD, SQX	1	See table below

Brand	Valve and Product No.	Kit Part No.
Siemens	658-XXXX and 339-XXXX	ARK10
	591-XXXX and 598-XXXX	ARK11
Honeywell	V3XXXX (2-1/2 and 3-in.)	ARK16
	V3XXXX (4 thru 6-in.)	ARK18
	V501X (A, B, C, F, G, N) 1/2 thru 3-in.	ARK17
	V501X (A, B, C) 4 thru 6-in.	ARK21
Johnson Controls	VG2XXX	ARK12
	VG7XXX (1 thru 2-in.)	ARK13
	VG7XXX (1/2 to 3/4-in.)	ARK19
Siebe	VB7XXX and VB9XXX (threaded & flanged)	ARK14

D-225

Valves

Accessories & Service Kits

	Description	Product Group	Quantity	Part No.
Flowrite				
	1/2" to 2" 2-way Bronze Valve Body Rebuild/Repack Service Kits.	Flowrite	1	See table below

Valve Part No.				Model 1 Part No.	Model 2 Part No.
FxF	FxUF	UFxUF	FxUM		
599-03000	599-03009	—	599-03216	599-03300	—
599-03001	599-03010	—	599-03217	599-03301	—
599-03002	599-03011	—	599-03218	599-03302	—
599-03003	599-03012	—	599-03219	599-03303	—
599-03004	599-03013	—	599-03220	599-03304	—
599-03005	599-03014	—	599-03221	599-03305	—
599-03006	—	599-03015	—	599-03306	599-09201
599-03007	—	599-03016	—	599-03307	599-09202
599-03008	—	599-03017	—	599-03308	599-09203
599-03018	599-03027	—	599-03225	599-03309	—
599-03019	599-03028	—	599-03226	599-03310	—
599-03020	599-03029	—	599-03227	599-03311	—
599-03021	599-03030	—	599-03228	599-03312	—
599-03022	599-03031	—	599-03229	599-03313	—
599-03023	599-03032	—	599-03230	599-03314	—
599-03024	—	599-03033	—	599-03315	599-09213
599-03025	—	599-03034	—	599-03316	599-09214
599-03026	—	599-03035	—	599-03317	599-09215
599-03054	599-03063	—	599-03234	599-03318	—
599-03055	599-03064	—	599-03235	599-03319	—
599-03056	599-03065	—	599-03236	599-03320	—
599-03057	599-03066	—	599-03237	599-03321	—
599-03058	599-03067	—	599-03238	599-03322	—
599-03059	599-03068	—	599-03239	599-03323	—
599-03060	—	599-03069	—	599-03324	599-09204
599-03061	—	599-03070	—	599-03325	599-09205
599-03062	—	599-03071	—	599-03326	599-09206
599-03072	599-03081	—	599-03243	599-03327	—
599-03073	599-03082	—	599-03244	599-03328	—
599-03074	599-03083	—	599-03245	599-03329	—
599-03075	599-03084	—	599-03246	599-03330	—
599-03076	599-03085	—	599-03247	599-03331	—
599-03077	599-03086	—	599-03248	599-03332	—
599-03078	—	599-03087	—	599-03333	599-09216
599-03079	—	599-03088	—	599-03334	599-09217
599-03080	—	599-03089	—	599-03335	599-09218
599-03108	599-03117	—	599-03252	599-03336	—
599-03109	599-03118	—	599-03253	599-03337	—
599-03110	599-03119	—	599-03254	599-03338	—
599-03111	599-03120	—	599-03255	599-03339	—
599-03112	599-03121	—	599-03256	599-03340	—
599-03113	599-03122	—	599-03257	599-03341	—
599-03114	—	599-03123	—	599-03342	599-09207
599-03115	—	599-03124	—	599-03343	599-09208
599-03116	—	599-03125	—	599-03344	599-09209

Note

The model (M), year (Y) and week (W) of original manufacture of the valve is stamped on the valve tag in MM/YY/WW format.

Key

F Female NPT UF Union Female
 AF Angle Female UM Union Male




Continued...

D-226

Valves

Accessories & Service Kits

Continued...

	Description	Product Group	Quantity	Part No.	
Flowrite					
	1/2 to 2" 2-way Bronze Valve Body Rebuild/Repack Service Kits.	Flowrite	1	See table below	
Valve Part No.					
FxF	FxUF	UFxUF	FxUM	Model 1 Part No.	Model 2 Part No.
599-03126	599-03135	—	599-03261	599-03345	—
599-03127	599-03136	—	599-03262	599-03346	—
599-03128	599-03137	—	599-03263	599-03347	—
599-03129	599-03138	—	599-03264	599-03348	—
599-03130	599-03139	—	599-03265	599-03349	—
599-03131	599-03140	—	599-03266	599-03350	—
599-03132	—	599-03141	—	599-03351	599-09219
599-03133	—	599-03142	—	599-03352	599-09220
599-03134	—	599-03143	—	599-03353	599-09221
599-03162	599-03171	—	599-03270	599-03354	—
599-03163	599-03172	—	599-03271	599-03355	—
599-03164	599-03173	—	599-03272	599-03356	—
599-03165	599-03174	—	599-03273	599-03357	—
599-03166	599-03175	—	599-03274	599-03358	—
599-03167	599-03176	—	599-03275	599-03359	—
599-03168	—	599-03177	599-03276	599-03360	599-09210
599-03169	—	599-03178	—	599-03361	599-09211
599-03170	—	599-03179	—	599-03362	599-09212
599-03180	599-03189	—	599-03279	599-03363	—
599-03181	599-03190	—	599-03280	599-03364	—
599-03182	599-03191	—	599-03281	599-03365	—
599-03183	599-03192	—	599-03282	599-03366	—
599-03184	599-03193	—	599-03283	599-03367	—
599-03185	599-03194	—	599-03284	599-03368	—
599-03186	—	599-03195	—	599-03369	599-09222
599-03187	—	599-03196	—	599-03370	599-09223
599-03188	—	599-03197	—	599-03371	599-09224
	1/2 to 2" 3-way Bronze Valve Body Rebuild/Repack Service Kits.	Flowrite	1	See table below	
Note The model (M), year (Y) and week (W) of original manufacture of the valve is stamped on the valve tag in MM/YY/WW format.					
Key F Female NPT AF Angle Female UF Union Female UM Union Male					
		FxF	UFxUF	Model 1 Part No.	Model 2 Part No.
		599-03144	599-03153	599-03372	—
		599-03145	599-03154	599-03373	—
		599-03146	599-03155	599-03374	—
		599-03147	599-03156	599-03375	—
		599-03148	599-03157	599-03376	—
		599-03149	599-03158	599-03377	—
		599-03150	599-03159	599-03378	599-09225
		599-03151	599-03160	599-03379	599-09226
		599-03152	599-03161	599-03380	599-09227
		599-03198	599-03207	599-03381	—
		599-03199	599-03208	599-03382	—
		599-03200	599-03209	599-03383	—
		599-03201	599-03210	599-03384	—
		599-03202	599-03211	599-03385	—
		599-03203	599-03212	599-03386	—
		599-03204	599-03213	599-03387	599-09228
		599-03205	599-03214	599-03388	599-09229
		599-03206	599-03215	599-03389	599-09230
	1/2 to 2" Bronze Valve Body Valve Repack Kits (10 mm. dia.).	Flowrite			
	• Normal Duty		1	599-03390	
	• Steam		1	599-03391	


D-227

Valves

Accessories & Service Kits




D-228

Valves

	Description	Product Group	Quantity	Part No.																																																																																																																						
	2-1/2 to 6" 2-way Flanged Iron Valve Body Rebuild/Repack Service Kits.	Flowrite	1	See table below																																																																																																																						
		<table border="1"> <thead> <tr> <th data-bbox="992 302 1198 331">Valve Part No.</th> <th data-bbox="1198 302 1403 331">Kit Part No.</th> </tr> </thead> <tbody> <tr><td>599-05920</td><td>599-10130</td></tr> <tr><td>599-05921</td><td>599-10131</td></tr> <tr><td>599-05922</td><td>599-10132</td></tr> <tr><td>599-05923</td><td>599-10133</td></tr> <tr><td>599-05924</td><td>599-10134</td></tr> <tr><td>599-05930</td><td>599-10140</td></tr> <tr><td>599-05931</td><td>599-10141</td></tr> <tr><td>599-05932</td><td>599-10142</td></tr> <tr><td>599-05933</td><td>599-10143</td></tr> <tr><td>599-05934</td><td>599-10144</td></tr> <tr><td>599-05940</td><td>599-10135</td></tr> <tr><td>599-05941</td><td>599-10136</td></tr> <tr><td>599-05942</td><td>599-10137</td></tr> <tr><td>599-05943</td><td>599-10138</td></tr> <tr><td>599-05944</td><td>599-10139</td></tr> <tr><td>599-05950</td><td>599-10145</td></tr> <tr><td>599-05951</td><td>599-10146</td></tr> <tr><td>599-05952</td><td>599-10147</td></tr> <tr><td>599-05953</td><td>599-10148</td></tr> <tr><td>599-05954</td><td>599-10149</td></tr> <tr><td>599-05960</td><td>599-10130</td></tr> <tr><td>599-05961</td><td>599-10131</td></tr> <tr><td>599-05962</td><td>599-10132</td></tr> <tr><td>599-05963</td><td>599-10133</td></tr> <tr><td>599-05964</td><td>599-10134</td></tr> <tr><td>599-05970</td><td>599-10140</td></tr> <tr><td>599-05971</td><td>599-10141</td></tr> <tr><td>599-05972</td><td>599-10142</td></tr> <tr><td>599-05973</td><td>599-10143</td></tr> <tr><td>599-05974</td><td>599-10144</td></tr> <tr><td>599-05980</td><td>599-10135</td></tr> <tr><td>599-05981</td><td>599-10136</td></tr> <tr><td>599-05982</td><td>599-10137</td></tr> <tr><td>599-05983</td><td>599-10138</td></tr> <tr><td>599-05984</td><td>599-10139</td></tr> <tr><td>599-05990</td><td>599-10145</td></tr> <tr><td>599-05991</td><td>599-10146</td></tr> <tr><td>599-05992</td><td>599-10147</td></tr> <tr><td>599-05993</td><td>599-10148</td></tr> <tr><td>599-05994</td><td>599-10149</td></tr> <tr><td>599-06040</td><td>599-10110</td></tr> <tr><td>599-06041</td><td>599-10111</td></tr> <tr><td>599-06042</td><td>599-10112</td></tr> <tr><td>599-06043</td><td>599-10113</td></tr> <tr><td>599-06044</td><td>599-10114</td></tr> <tr><td>599-06050</td><td>599-10115</td></tr> <tr><td>599-06051</td><td>599-10116</td></tr> <tr><td>599-06052</td><td>599-10117</td></tr> <tr><td>599-06053</td><td>599-10118</td></tr> <tr><td>599-06054</td><td>599-10119</td></tr> <tr><td>599-06060</td><td>599-10100</td></tr> <tr><td>599-06061</td><td>599-10101</td></tr> <tr><td>599-06062</td><td>599-10102</td></tr> <tr><td>599-06063</td><td>599-10103</td></tr> <tr><td>599-06064</td><td>599-10104</td></tr> <tr><td>599-06070</td><td>599-10105</td></tr> <tr><td>599-06071</td><td>599-10106</td></tr> <tr><td>599-06072</td><td>599-10107</td></tr> <tr><td>599-06073</td><td>599-10108</td></tr> <tr><td>599-06074</td><td>599-10109</td></tr> </tbody> </table>	Valve Part No.	Kit Part No.	599-05920	599-10130	599-05921	599-10131	599-05922	599-10132	599-05923	599-10133	599-05924	599-10134	599-05930	599-10140	599-05931	599-10141	599-05932	599-10142	599-05933	599-10143	599-05934	599-10144	599-05940	599-10135	599-05941	599-10136	599-05942	599-10137	599-05943	599-10138	599-05944	599-10139	599-05950	599-10145	599-05951	599-10146	599-05952	599-10147	599-05953	599-10148	599-05954	599-10149	599-05960	599-10130	599-05961	599-10131	599-05962	599-10132	599-05963	599-10133	599-05964	599-10134	599-05970	599-10140	599-05971	599-10141	599-05972	599-10142	599-05973	599-10143	599-05974	599-10144	599-05980	599-10135	599-05981	599-10136	599-05982	599-10137	599-05983	599-10138	599-05984	599-10139	599-05990	599-10145	599-05991	599-10146	599-05992	599-10147	599-05993	599-10148	599-05994	599-10149	599-06040	599-10110	599-06041	599-10111	599-06042	599-10112	599-06043	599-10113	599-06044	599-10114	599-06050	599-10115	599-06051	599-10116	599-06052	599-10117	599-06053	599-10118	599-06054	599-10119	599-06060	599-10100	599-06061	599-10101	599-06062	599-10102	599-06063	599-10103	599-06064	599-10104	599-06070	599-10105	599-06071	599-10106	599-06072	599-10107	599-06073	599-10108
Valve Part No.	Kit Part No.																																																																																																																									
599-05920	599-10130																																																																																																																									
599-05921	599-10131																																																																																																																									
599-05922	599-10132																																																																																																																									
599-05923	599-10133																																																																																																																									
599-05924	599-10134																																																																																																																									
599-05930	599-10140																																																																																																																									
599-05931	599-10141																																																																																																																									
599-05932	599-10142																																																																																																																									
599-05933	599-10143																																																																																																																									
599-05934	599-10144																																																																																																																									
599-05940	599-10135																																																																																																																									
599-05941	599-10136																																																																																																																									
599-05942	599-10137																																																																																																																									
599-05943	599-10138																																																																																																																									
599-05944	599-10139																																																																																																																									
599-05950	599-10145																																																																																																																									
599-05951	599-10146																																																																																																																									
599-05952	599-10147																																																																																																																									
599-05953	599-10148																																																																																																																									
599-05954	599-10149																																																																																																																									
599-05960	599-10130																																																																																																																									
599-05961	599-10131																																																																																																																									
599-05962	599-10132																																																																																																																									
599-05963	599-10133																																																																																																																									
599-05964	599-10134																																																																																																																									
599-05970	599-10140																																																																																																																									
599-05971	599-10141																																																																																																																									
599-05972	599-10142																																																																																																																									
599-05973	599-10143																																																																																																																									
599-05974	599-10144																																																																																																																									
599-05980	599-10135																																																																																																																									
599-05981	599-10136																																																																																																																									
599-05982	599-10137																																																																																																																									
599-05983	599-10138																																																																																																																									
599-05984	599-10139																																																																																																																									
599-05990	599-10145																																																																																																																									
599-05991	599-10146																																																																																																																									
599-05992	599-10147																																																																																																																									
599-05993	599-10148																																																																																																																									
599-05994	599-10149																																																																																																																									
599-06040	599-10110																																																																																																																									
599-06041	599-10111																																																																																																																									
599-06042	599-10112																																																																																																																									
599-06043	599-10113																																																																																																																									
599-06044	599-10114																																																																																																																									
599-06050	599-10115																																																																																																																									
599-06051	599-10116																																																																																																																									
599-06052	599-10117																																																																																																																									
599-06053	599-10118																																																																																																																									
599-06054	599-10119																																																																																																																									
599-06060	599-10100																																																																																																																									
599-06061	599-10101																																																																																																																									
599-06062	599-10102																																																																																																																									
599-06063	599-10103																																																																																																																									
599-06064	599-10104																																																																																																																									
599-06070	599-10105																																																																																																																									
599-06071	599-10106																																																																																																																									
599-06072	599-10107																																																																																																																									
599-06073	599-10108																																																																																																																									
599-06074	599-10109																																																																																																																									
Continued...																																																																																																																										

Accessories & Service Kits

Continued...

	Description	Product Group	Quantity	Part No.																																						
Flowrite																																										
	2-1/2 to 6" 2-way Flanged Iron Valve Body Rebuild/Repack Service Kits.	Flowrite	1	See table below																																						
				<table border="1"> <thead> <tr> <th>Valve Part No.</th> <th>Kit Part No.</th> </tr> </thead> <tbody> <tr><td>599-06120</td><td>599-10110</td></tr> <tr><td>599-06121</td><td>599-10111</td></tr> <tr><td>599-06122</td><td>599-10112</td></tr> <tr><td>599-06123</td><td>599-10113</td></tr> <tr><td>599-06124</td><td>599-10114</td></tr> <tr><td>599-06130</td><td>599-10115</td></tr> <tr><td>599-06131</td><td>599-10116</td></tr> <tr><td>599-06132</td><td>599-10117</td></tr> <tr><td>599-06133</td><td>599-10118</td></tr> <tr><td>599-06134</td><td>599-10119</td></tr> <tr><td>599-06140</td><td>599-10100</td></tr> <tr><td>599-06141</td><td>599-10101</td></tr> <tr><td>599-06142</td><td>599-10102</td></tr> <tr><td>599-06143</td><td>599-10103</td></tr> <tr><td>599-06144</td><td>599-10104</td></tr> <tr><td>599-06150</td><td>599-10105</td></tr> <tr><td>599-06151</td><td>599-10106</td></tr> <tr><td>599-06152</td><td>599-10107</td></tr> <tr><td>599-06153</td><td>599-10108</td></tr> <tr><td>599-06154</td><td>599-10109</td></tr> </tbody> </table>	Valve Part No.	Kit Part No.	599-06120	599-10110	599-06121	599-10111	599-06122	599-10112	599-06123	599-10113	599-06124	599-10114	599-06130	599-10115	599-06131	599-10116	599-06132	599-10117	599-06133	599-10118	599-06134	599-10119	599-06140	599-10100	599-06141	599-10101	599-06142	599-10102	599-06143	599-10103	599-06144	599-10104	599-06150	599-10105	599-06151	599-10106	599-06152	599-10107
Valve Part No.	Kit Part No.																																									
599-06120	599-10110																																									
599-06121	599-10111																																									
599-06122	599-10112																																									
599-06123	599-10113																																									
599-06124	599-10114																																									
599-06130	599-10115																																									
599-06131	599-10116																																									
599-06132	599-10117																																									
599-06133	599-10118																																									
599-06134	599-10119																																									
599-06140	599-10100																																									
599-06141	599-10101																																									
599-06142	599-10102																																									
599-06143	599-10103																																									
599-06144	599-10104																																									
599-06150	599-10105																																									
599-06151	599-10106																																									
599-06152	599-10107																																									
599-06153	599-10108																																									
599-06154	599-10109																																									
	2-1/2 to 6" 3-way Flanged Iron Valve Body Rebuild/Repack Service Kit.	Flowrite	1	See table below																																						
				<table border="1"> <thead> <tr> <th>Valve Part No.</th> <th>Kit Part No.</th> </tr> </thead> <tbody> <tr><td>599-06160</td><td>599-10125</td></tr> <tr><td>599-06161</td><td>599-10126</td></tr> <tr><td>599-06162</td><td>599-10127</td></tr> <tr><td>599-06163</td><td>599-10128</td></tr> <tr><td>599-06164</td><td>599-10129</td></tr> <tr><td>599-06165</td><td>599-10120</td></tr> <tr><td>599-06166</td><td>599-10121</td></tr> <tr><td>599-06167</td><td>599-10122</td></tr> <tr><td>599-06168</td><td>599-10123</td></tr> <tr><td>599-06169</td><td>599-10124</td></tr> <tr><td>599-06170</td><td>599-10125</td></tr> <tr><td>599-06171</td><td>599-10126</td></tr> <tr><td>599-06172</td><td>599-10127</td></tr> <tr><td>599-06173</td><td>599-10128</td></tr> <tr><td>599-06174</td><td>599-10129</td></tr> <tr><td>599-06175</td><td>599-10120</td></tr> <tr><td>599-06176</td><td>599-10121</td></tr> <tr><td>599-06177</td><td>599-10122</td></tr> <tr><td>599-06178</td><td>599-10123</td></tr> <tr><td>599-06179</td><td>599-10124</td></tr> </tbody> </table>	Valve Part No.	Kit Part No.	599-06160	599-10125	599-06161	599-10126	599-06162	599-10127	599-06163	599-10128	599-06164	599-10129	599-06165	599-10120	599-06166	599-10121	599-06167	599-10122	599-06168	599-10123	599-06169	599-10124	599-06170	599-10125	599-06171	599-10126	599-06172	599-10127	599-06173	599-10128	599-06174	599-10129	599-06175	599-10120	599-06176	599-10121	599-06177	599-10122
Valve Part No.	Kit Part No.																																									
599-06160	599-10125																																									
599-06161	599-10126																																									
599-06162	599-10127																																									
599-06163	599-10128																																									
599-06164	599-10129																																									
599-06165	599-10120																																									
599-06166	599-10121																																									
599-06167	599-10122																																									
599-06168	599-10123																																									
599-06169	599-10124																																									
599-06170	599-10125																																									
599-06171	599-10126																																									
599-06172	599-10127																																									
599-06173	599-10128																																									
599-06174	599-10129																																									
599-06175	599-10120																																									
599-06176	599-10121																																									
599-06177	599-10122																																									
599-06178	599-10123																																									
599-06179	599-10124																																									
	2-1/2 to 6" Flanged Iron Valve Body Repack Kit (14 mm dia.) (Cartridge) <ul style="list-style-type: none"> • Normal Duty • Steam 	Flowrite	1	599-08020																																						
			1	599-08021																																						

D-229

Valves

Accessories & Service Kits

	Description	Product Group	Quantity	Part No.
Flowrite				
 <p>8" Shown</p>	Diaphragm Replacement Kits.	Flowrite		
	• 4-inch Normal Duty		1	599-01093
	• 8-inch Normal Duty		1	599-01060
	• 8-inch High Temperature		1	599-01061
	• 12-inch Normal Duty		1	599-01070
	Stem Retainer Kit. With interface nut and stem retainer ring. For 8-inch, 12-inch and SKB/C actuators.	Flowrite		
	• 10 mm		1	599-10048
	• 14 mm		1	599-10049
	Circuit Board Replacement.			
	• Date codes Before 030215	SQX62	1	443155438
	• Date codes After 030215	SQX62	1	466856668
	• All date codes	SQX82	1	466856418
	Plastic Wiring Compartment Cover.	SQX	1	410455758
	Circuit Board Replacement.	SKB/SKC SKD	1	466857488
		SKB/C/D62UA	1	466857518
	Plastic Wiring Compartment Cover.	SKD	1	410456348
		SKB/SKC	1	410455828
	Manual Override Crank Assembly.	Flowrite		
		SKB/C	1	426855108
		SKD	1	426855048

D-230

Valves




Accessories & Service Kits

	Description	Product Group	Quantity	Part No.																
Flowrite																				
	Packing Heating Element.	SKB/C	1	599-00418																
	Packing Heating Element.	SKD SQX 4-inch	1	599-00417																
	Stroke Inverter. 1/2" - 2.5" valves with .75" max. stroke.	SKD	1	ASK50																
		SKB	1	ASK51																
	Retainer Clamp Kit.	SKB/C	1	599-10200																
		8 & 12" pneu	1	599-00436																
	3-way Valve Service Flanges. Allows easy access to the stem and plug assembly without removing the valve.	Flowrite	1	See table below																
		<table border="1"> <thead> <tr> <th>Valve Size</th> <th>ANSI Class 125</th> <th>ANSI Class 250</th> </tr> </thead> <tbody> <tr> <td>2-1/2"</td> <td>599-05011</td> <td>599-05016</td> </tr> <tr> <td>3"</td> <td>599-05012</td> <td>599-05017</td> </tr> <tr> <td>4"</td> <td>599-05013</td> <td>599-05018</td> </tr> <tr> <td>5"</td> <td>599-05014</td> <td>599-05019</td> </tr> <tr> <td>6"</td> <td>599-05015</td> <td>599-05020</td> </tr> </tbody> </table>			Valve Size	ANSI Class 125	ANSI Class 250	2-1/2"	599-05011	599-05016	3"	599-05012	599-05017	4"	599-05013	599-05018	5"	599-05014	599-05019	6"
Valve Size	ANSI Class 125	ANSI Class 250																		
2-1/2"	599-05011	599-05016																		
3"	599-05012	599-05017																		
4"	599-05013	599-05018																		
5"	599-05014	599-05019																		
6"	599-05015	599-05020																		
	Flange Bolts and Gasket Service Kit. For lower bypass port of 3-way valves. Includes one gasket and the number and size of bolts needed for the replacement.	Flowrite	1	See table below																
		<table border="1"> <thead> <tr> <th>Valve Size</th> <th>ANSI Class 125</th> <th>ANSI Class 250</th> </tr> </thead> <tbody> <tr> <td>2-1/2"</td> <td>599-09236</td> <td>599-09241</td> </tr> <tr> <td>3"</td> <td>599-09237</td> <td>599-09242</td> </tr> <tr> <td>4"</td> <td>599-09238</td> <td>599-09243</td> </tr> <tr> <td>5"</td> <td>599-09239</td> <td>599-09244</td> </tr> <tr> <td>6"</td> <td>599-09240</td> <td>599-09245</td> </tr> </tbody> </table>			Valve Size	ANSI Class 125	ANSI Class 250	2-1/2"	599-09236	599-09241	3"	599-09237	599-09242	4"	599-09238	599-09243	5"	599-09239	599-09244	6"
Valve Size	ANSI Class 125	ANSI Class 250																		
2-1/2"	599-09236	599-09241																		
3"	599-09237	599-09242																		
4"	599-09238	599-09243																		
5"	599-09239	599-09244																		
6"	599-09240	599-09245																		
	Lower Seat Tools for Valve Size:	Flowrite																		
	2-1/2"		1	599-09144																
	3"		1	599-09145																
	4"		1	599-09146																
	5"		1	599-09147																
	6"		1	599-09148																

D-231

Valves






Accessories & Service Kits

	Description	Product Group	Quantity	Part No.	Part No.	
Flowrite						
	Flowrite Union Kits.	Flowrite		Female	Male	
	• 1/2" (15 mm)		1	599-09185	599-09181	
	• 3/4" (20 mm)		1	599-09186	599-09182	
	• 1" (25 mm)		1	599-09187	599-09183	
	• 1-1/4" (32 mm)		1	599-09188	599-09184	
	• 1-1/2" (40 mm)		1	599-09189	—	
	Flowrite Union Gasket Kits.	Flowrite				
	• 1/2" NPT		25 Pieces	599-03394		
	• 3/4" NPT		25 Pieces	599-03395		
	• 1" NPT		25 Pieces	599-03396		
Magnetic						
	Control Signal Module w/ Feedback, 0-2".	MX..	1	ZM150		
	Control Signal Module w/ Feedback, 3-4".	MX..	1	ZM250		
	Terminal Housing. Converts 0 to 10 Vdc input to 0 to 20 Vdc phase cut output.					
	• up to 40W, IP30 rated housing	M3P	1	ZM100/A		
	• up to 40W, IP54 rated housing	M3P	1	ZM101/A		
	• up to 120W, IP30 rated housing	M3P	1	ZM200/A		
	Terminal Housing. For straight through 0 to 20 Vdc electrical housing only.					
	• up to 40W, IP30 rated housing	M3P	1	ZM110		
	• to 40W, IP54 rated housing	M3P	1	ZM111		
	• up to 120W, IP30 rated housing	M3P	1	ZM210		
	Terminal Housing. Converts 0 to 20 mA/24 Vdc input to 0 to 20 Vdc phase cut output.					
	• up to 40W, IP30 rated housing	M3P	1	ZM120/A		
	• to 40W, IP54 rated housing	M3P	1	ZM121/A		
• up to 120W, IP30 rated housing	M3P	1	ZM220/A			
Blanking Flange.	M3P					
• 3"			1	Z155/80		
• 4"			1	Z155/100		

D-232

Valves

Accessories & Service Kits

	Description	Product Group	Quantity	Part No.
Magnetic				
	580 PSI Weld Neck Adaptor Flange.	MX../M3P/MV..		
	• 1/2"		1	Z205/15
	• 3/4"		1	Z205/20
	• 1"		1	Z205/25
	• 1-1/4"		1	Z205/32
	• 1-1/2"		1	Z205/40
	• 2"		1	Z205/50
	• 2-1/2"		1	Z205/65
	• 3"		1	Z205/80
	• 4"		1	Z205/100
	230 PSI Weld Neck Adaptor Flange.	MX../M3P		
	• 4"		1	Z56/100
	580 PSI NPT Adaptor Flange.	MX../M3P/MV..		
	• 1/2"		1	Z206/15
	• 3/4"		1	Z206/20
	• 1"		1	Z206/25
	• 1-1/4"		1	Z206/32
	• 1-1/2"		1	Z206/40
	• 2"		1	Z206/50
	Stem Heater for 24 Vac/10W. Required for medium temperatures <32°F (0°C).	MXG..	1	Z366
	Replacement Circuit Board.	MVF461H/ MXG461B	1	ASE12
	Repair Module.			
	• 1/2" to 1-1/4"	MXG461	1	ASE1
	• 1-1/2" to 2-1/2"	MXG461/ MXF461	1	ASE2
	Phase Cut to 0 to 10 Vdc Signal Converter.	MX../M3P/MV..	1	SEZ91.6

D-233

Valves

Accessories & Service Kits

Part No.	Valve Size in. (mm)	Valve Action	Actuator Spring Range psi (kPa)	Nominal Stem Travel in. (mm)	Cv, USgpm	Diaphragm (Pkg. of 5)	Stem Repack Kit (Pkg. of 6)	Rebuild Kit	Replacement Actuator
VP 656 Powermite Valves									
656-0001	.50 (13)	NO	3-8 (21-55)	.25 (6.4)	2.1	656-736	656-601	656-761	656-599
656-0002	.50 (13)	NO	3-8 (21-55)	.25 (6.4)	2.1	656-736	656-601	656-761	656-599
656-0003	.50 (13)	NO	3-8 (21-55)	.25 (6.4)	0.9	656-736	656-601	656-761	656-830
656-0004	.50 (13)	NO	3-8 (21-55)	.25 (6.4)	0.9	656-736	656-601	656-761	656-830
656-0005	.75 (19)	NO	3-8 (21-55)	.25 (6.4)	4.6	656-736	656-601	656-762	656-600
656-0009	.50 (13)	3WM	10-15 (69-103)	.375 (9.5)	2.5	656-736	656-601	656-765	—
656-0010	.50 (13)	3WM	3-8 (21-55)	.375 (9.5)	2.5	656-736	656-601	656-765	—
656-0011	.50 (13)	3WM	3-8 (21-55)	.375 (9.5)	1.5	656-736	656-601	656-764	—
656-0012	.50 (13)	NC	10-15 (69-103)	.25 (6.4)	2.1	656-736	656-601	656-014	—
656-0013	.50 (13)	NC	10-15 (69-103)	.25 (6.4)	2.7	656-736	656-601	656-014	—
656-0014	.50 (13)	3WM	3-8 (21-55)	.375 (9.5)	3.1	656-736	656-601	656-766	—
656-0015	.50 (13)	3WM	10-15 (69-103)	.375 (9.5)	3.1	656-736	656-601	656-766	—
656-0017	.50 (13)	NO	3-8 (21-55)	.25 (6.4)	2.1	656-736	656-601	656-761	656-599
656-0018	.75 (19)	NO	3-8 (21-55)	.25 (6.4)	4.6	656-736	656-601	656-762	656-600
656-0019	.50 (13)	NO	5-10 (34-69)	.25 (6.4)	2.1	656-736	656-601	656-761	656-831
656-0020	.50 (13)	NO	5-10 (34-69)	.25 (6.4)	2.1	656-736	656-601	656-761	656-831
656-0021	.75 (19)	NO	5-10 (34-69)	.25 (6.4)	4.6	656-736	656-601	656-762	656-832
656-0022	.75 (19)	NO	5-10 (34-69)	.25 (6.4)	4.6	656-736	656-601	656-762	656-832
656-0028	.50 (13)	NO	3-8 (21-55)	.25 (6.4)	0.5	656-736	656-601	656-768	656-833
656-0029	.50 (13)	NO	5-10 (34-69)	.25 (6.4)	0.5	656-736	656-601	656-768	656-834

Note: Actuator with trim includes actuator, rebuild kit and bonnet pre-assembled.

D-234

Valves

Accessories & Service Kits

Part No.	Valve Size in. (mm)	Valve Action	Actuator Spring Range psi (kPa)	Nominal Stem Travel in. (mm)	Cv, USgpm	Diaphragm (Pkg. of 5)	Stem Repack Kit (Pkg. of 6)	Rebuild Kit	Actuator with Trim	Replacement Actuator
VP 658 Powertop Valves										
658-0001	.50 (13)	NO	2-6 (14-41)	.50 (13)	1.0	658-166	658-167	—	658-379	658-067
658-0002	.50 (13)	NO	2-6 (14-41)	.50 (13)	2.5	658-166	658-167	—	658-070	658-067
658-0004	.50 (13)	NO	2-6 (14-41)	.50 (13)	1.0	658-166	658-167	—	658-379	658-067
658-0005	.50 (13)	NO	2-6 (14-41)	.50 (13)	2.5	658-166	658-167	—	658-070	658-067
658-0007	.50 (13)	NO	2-6 (14-41)	.50 (13)	1.0	658-166	658-167	—	658-379	658-067
658-0008	.50 (13)	NO	2-6 (14-41)	.50 (13)	2.5	658-166	658-167	—	658-070	658-067
658-0009	.75 (19)	NO	2-6 (14-41)	.50 (13)	6.3	658-166	658-167	—	658-071	658-067
658-0010	.75 (19)	NO	2-6 (14-41)	.50 (13)	6.3	658-166	658-167	—	658-071	658-067
658-0011	1 (25)	NO	2-6 (14-41)	.50 (13)	10	658-166	658-167	—	658-072	658-067
658-0012	1 (25)	NO	2-6 (14-41)	.50 (13)	10	658-166	658-167	—	658-072	658-067
658-0013	1.25 (32)	NO	2-6 (14-41)	.50 (13)	16	658-166	658-167	—	658-074	658-067
658-0014	1.25 (32)	NO	2-6 (14-41)	.50 (13)	16	658-166	658-167	—	658-074	658-067
658-0018	.50 (13)	NO	2-6 (14-41)	.50 (13)	1.0	658-166	658-167	—	658-379	658-067
658-0019	.50 (13)	NO	2-6 (14-41)	.50 (13)	2.5	658-166	658-167	—	658-070	658-067
658-0020	.75 (19)	NO	2-6 (14-41)	.50 (13)	6.3	658-166	658-167	—	658-071	658-067
658-0021	1 (25)	NO	2-6 (14-41)	.50 (13)	10	658-166	658-167	—	658-072	658-067
658-0022	1.25 (32)	NO	2-6 (14-41)	.50 (13)	16	658-166	658-167	—	658-074	658-067
658-0026	.50 (13)	3WM	3-7 (21-48)	.50 (13)	2.5	658-166	658-167	658-405	—	658-069
658-0027	.50 (13)	3WM	10-14 (69-97)	.50 (13)	2.5	658-166	658-167	658-405	—	658-068
658-0028	.75 (19)	3WM	3-7 (21-48)	.50 (13)	6.3	658-166	658-167	658-406	—	658-069
658-0029	.75 (19)	3WM	10-14 (69-97)	.50 (13)	6.3	658-166	658-167	658-406	—	658-068
658-0030	1 (25)	3WM	3-7 (21-48)	.50 (13)	10	658-166	658-167	658-407	—	658-069
658-0031	1 (25)	3WM	10-14 (69-97)	.50 (13)	10	658-166	658-167	658-407	—	658-068
658-0032	1.25 (32)	3WM	10-14 (69-97)	.50 (13)	16	658-166	658-167	658-408	—	658-068
658-0033	1.25 (32)	3WM	3-7 (21-48)	.50 (13)	16	658-166	658-167	658-408	—	658-069
658-0040	.50 (13)	NC	10-14 (69-97)	.50 (13)	2.5	658-166	658-167	—	—	658-068
658-0041	.75 (19)	NC	10-14 (69-97)	.50 (13)	6.3	658-166	658-167	—	—	658-068
658-0042	1 (25)	NC	10-14 (69-97)	.50 (13)	10	658-166	658-167	—	—	658-068
658-0043	.50 (13)	NC	10-14 (69-97)	.50 (13)	2.5	658-166	658-167	—	—	658-068
658-0050	.50 (13)	SEQ	2-11 (14-76)	.406 (10)	1.5	658-166	658-167	—	—	658-066
658-0051	.50 (13)	SEQ	2-11 (14-76)	.406 (10)	2.5	658-166	658-167	—	—	658-066
658-0052	.50 (13)	CHG	2-11 (14-76)	.406 (10)	2.5	658-166	658-167	—	—	658-066
658-0060	.50 (13)	NO	10-14 (69-97)	.50 (13)	1.0	658-166	658-167	—	658-379	658-068
658-0061	.50 (13)	NO	10-14 (69-97)	.50 (13)	2.5	658-166	658-167	—	658-070	658-068
658-0062	.50 (13)	NO	10-14 (69-97)	.50 (13)	1.0	658-166	658-167	—	658-379	658-068
658-0063	.50 (13)	NO	10-14 (69-97)	.50 (13)	2.5	658-166	658-167	—	658-070	658-068
658-0064	.50 (13)	NO	10-14 (69-97)	.50 (13)	1.0	658-166	658-167	—	658-379	658-068
658-0065	.50 (13)	NO	10-14 (69-97)	.50 (13)	2.5	658-166	658-167	—	658-070	658-068
658-0066	.75 (19)	NO	10-14 (69-97)	.50 (13)	6.3	658-166	658-167	—	658-071	658-068
658-0067	.75 (19)	NO	10-14 (69-97)	.50 (13)	6.3	658-166	658-167	—	658-072	658-068
658-0068	1 (25)	NO	10-14 (69-97)	.50 (13)	10	658-166	658-167	—	658-072	658-068
658-0069	1 (25)	NO	10-14 (69-97)	.50 (13)	10	658-166	658-167	—	658-072	658-068
658-0070	1.25 (32)	NO	10-14 (69-97)	.50 (13)	16	658-166	658-167	—	658-074	658-068
658-0071	1.25 (32)	NO	10-14 (69-97)	.50 (13)	16	658-166	658-167	—	—	658-068
658-0085	.50 (13)	NC	10-14 (69-97)	.50 (13)	1.0	658-166	658-167	—	—	658-068
658-0086	.50 (13)	NC	10-14 (69-97)	.50 (13)	1.0	658-166	658-167	—	—	658-068
658-0100	.50 (13)	NO	2-6 (14-41)	.50 (13)	0.5	658-166	658-167	—	658-376	658-067
658-0101	.50 (13)	NO	2-6 (14-41)	.50 (13)	0.5	658-166	658-167	—	658-376	658-067

D-235

Valves

Notes

D-238

Valves

