



**Price List**  
Supply Catalog Volume 9

October 1, 2024

ITEM #	DESCRIPTION	PRICE	PAGE #
<b>B&amp;D MFG. FLOW CENTERS</b>			
FCQ1G	QT Flow Center 1 UPS26-99 Pump	\$ 1,173.20	2
FCQ2G	QT Flow Center 2 UPS26-99 Pumps	\$ 1,372.00	2
FCQ1M	QT Flow Center 1 UP26-116 Pump	\$ 1,173.20	2
FCQ2M	QT Flow Center 2 UP26-116 Pumps	\$ 1,372.00	2
FCG	GT Replacement Canister, NO Pumps	\$ 928.00	2
FCG1G	GT Flow Center 1 UPS26-99 Pump	\$ 1,165.80	2
FCG2G	GT Flow Center 2 UPS26-99 Pumps	\$ 1,331.10	2
FCG1M	GT Flow Center 1 UP26-116 Pump	\$ 1,165.80	2
FCG2M	GT Flow Center 2 UP26-116 Pumps	\$ 1,331.10	2
FCEQ2G	QT-EA 2-Unit Flow Center 2 UPS26-99 Pumps	\$ 2,114.00	2
FCEQ3G	QT-EA 2-Unit Flow Center 3 UPS26-99 Pumps	\$ 2,296.00	2
FCEQ4G	QT-EA 2-Unit Flow Center 4 UPS26-99 Pumps	\$ 2,450.00	2
FCEQ2M	QT-EA 2-Unit Flow Center 2 UP26-116 Pumps	\$ 2,114.00	2
FCEQ3M	QT-EA 2-Unit Flow Center 3 UP26-116 Pumps	\$ 2,296.00	2
FCE4QM	QT-EA 2-Unit Flow Center 4 UP26-116 Pumps	\$ 2,450.00	2
FCE	EA 2-Unit Replacement Canister, NO Pumps	\$ 1,204.00	3
FCE2G	EA 2-Unit Flow Center 2 UPS26-99 Pumps	\$ 1,652.00	3
FCE3G	EA 2-Unit Flow Center 3 UPS26-99 Pumps	\$ 1,820.00	3
FCE4G	EA 2-Unit Flow Center 4 UPS26-99 Pumps	\$ 2,069.20	3
FCE2M	EA 2-Unit Flow Center 2 UP26-116 Pumps	\$ 1,652.00	3
FCE3M	EA 2-Unit Flow Center 3 UP26-116 Pumps	\$ 1,820.00	3
FCE4M	EA 2-Unit Flow Center 4 UP26-116 Pumps	\$ 2,069.20	3
FCX2	XT Flow Center 2 UPS43-100 Pumps	\$ 2,181.20	3
FCQ2	QT Replacement Canister, No Pumps	\$ 966.00	2

**DOUBLE O-RING SEAL PLUG**

GF-3250	Flo-Link 1" Double O-Ring Seal Plug	\$ 2.16	3
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**FLOW CENTER REPLACEMENT LIDS**

FCLID1	6" Replacement Lid (Fits GT, KT, QT, QT-EA And E Series)	\$ 22.24	3
FCLID2	8" Replacement Lid (Multi-Zone F/C And Buffer Tank)	\$ 34.97	3
TLFCW	B&D Mfg. Flow Center Wrench for Threaded Cap	\$ 24.83	3

**VOLUTE COVER PLATE**

GF-3479	Blank Off Plate For B&D Mfg. and Geo-Flo FPT Flow Centers	\$ 33.60	3
GF-3480	Blank Off Plate For Geo-Flo Flo-Link Flow Centers	\$ 25.80	3

**GEO-FLO NP FLOW CENTERS**

GF-1271	NP1 Flow Center 1 UPS26-99 Pump	\$ 991.20	4
GF-1272	NP2 Flow Center 2 UPS26-99 Pumps	\$ 1,251.60	4
GF-1273	NP1 Flow Center 1 UP26-116 Pump	\$ 1,062.00	4
GF-1274	NP2 Flow Center 2 UP26-116 Pumps	\$ 1,251.60	4
GF-NP1L	NPV Flow Center 1 UPMXL 25-124 Pump	\$ 1,323.28	4
GF-NP1N	NPV Flow Center 2 UPMXL 25-124 Inverted PWM Pumps	\$ 1,323.28	4
GF-NP2M	NPV Flow Center 1 UPMXL 25-124 Pump & 1 UPS26-99 Pump	\$ 1,555.68	4
GF-NP2L	NP2 Flow Center 2 UPMXL 25-124 Pumps	\$ 1,738.80	4
GF-NP2P	NP2P Flow Center 2 UPS25-124 Inverted PWM Pumps	\$ 1,555.68	4



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**GEO-FLO NP PLUS FLOW CENTERS**

GF-1338	NP1 Plus Flow Center 1 UPS26-99 Pump	\$ 1,061.76	4
GF-1339	NP2 Plus Flow Center 2 UPS26-99 Pumps	\$ 1,384.88	4
GF-1340	NP Plus Flow Center 1 UP26-116 Pump	\$ 1,061.76	4
GF-1341	NP Plus Flow Center 2 UP26-116 Pumps	\$ 1,384.88	4
GF-NPP1L	NP Plus Flow Center 1 UPMXL 25-124 Pump	\$ 1,363.60	4
GF-NPP1N	NP Plus Flow Center 1 UPMXL 25-124 Inverted PWM Pump	\$ 1,363.60	4
GF-NPP2M	NP Plus Flow Center 1 UPS26-99 Pump & 1 UPMXL 25-124 Pump	\$ 1,640.21	4
GF-NPP2P	NP Plus Flow Center 1 UPS26-99 & 1 UPMXL 25-124 Inverted PWM Pump	\$ 1,640.24	4

**GEO-FLO NP DUAL CIRCUIT FLOW CENTERS**

GF-1304	NPD2 Dual Circuit Flow Center 2 UPS26-99 Pumps	\$ 1,966.16	5
GF-1305	NPD3 Dual Circuit Flow Center 3 UPS26-99 Pumps	\$ 2,234.40	5
GF-1306	NPD4 Dual Circuit Flow Center 4 UPS26-99 Pumps	\$ 2,416.96	5
GF-1307	NPD2 Dual Circuit Flow Center 2 UP26-116 Pumps	\$ 1,966.16	5
GF-1308	NPD3 Dual Circuit Flow Center 3 UP26-116 Pumps	\$ 2,234.40	5
GF-1309	NPD4 Dual Circuit Flow Center 4 UP26-116 Pumps	\$ 2,416.96	5
GF-NPD2LA	NPD2 Dual Circuit Flow Center 1 UPS26-99 Pump & 1 UPMXL Pump	\$ 2,194.08	5
GF-NPD2NA	NPD2 Dual Circuit Flow Center 1 UPS26-99 Pump & 1 UPMXL Inv. Pump	\$ 2,194.08	5
GF-NPD2LL	NPD2 Dual Circuit Flow Center 2 UPMXL 25-124 Pumps	\$ 2,378.32	5
GF-NPD2NN	NPD2 Dual Circuit Flow Center 2 UPMXL 25-124 Inverted PWM Pumps	\$ 2,378.32	5
GF-NPD3MA	NPD3 Dual Circuit Flow Center UPMXL + UPS26-99 & 1 UPS26-99 Pump	\$ 2,457.32	5
GF-NPD3ML	NPD3 Dual Circuit Flow Center UPMXL + UPS26-99 & 1 UPMXL Pump	\$ 2,609.60	5
GF-NPD3PN	NPD3 Dual Circuit Flow Center UPMXL Inv+UPS26-99 & 1 UPMXL Inv Pump	\$ 2,609.60	5
GF-NPD4MA	NPD4 Dual Circuit Flow Center UPMXL + UPS26-99 & 2 UPS26-99 Pumps	\$ 2,623.04	5
GF-NPD4LA	NPD4 Dual Circuit Flow Center 2 UPMXL + 2 UPS26-99 Pumps	\$ 3,036.88	5
GF-NPD4LL	NPD4 Dual Circuit Flow Center 4 UPMXL 25-124 Pumps	\$ 3,090.38	5

**GEO-FLO PRESSURIZED FLOW CENTERS BRASS FLO-LINK DOUBLE O-RING CONNECTIONS**

GF-1294	Flo-Link Pressurized Flow Center 1 UPS26-99 Pump	\$ 864.08	5
GF-1295	Flo-Link Pressurized Flow Center 2 UPS26-99 Pumps	\$ 1,163.68	5
GF-1296	Flo-Link Pressurized Flow Center 1 UP26-116 Pump	\$ 864.08	5
GF-1297	Flo-Link Pressurized Flow Center 2 UP26-116 Pumps	\$ 1,163.68	5
GF-FL1L	Flo-Link Pressurized Flow Center 1 UPMXL 25-124 Pump	\$ 1,002.40	5
GF-FL2M	Flo-Link Pressurized Flow Center 1 UPMXL 24-125 + 1 UPS26-99	\$ 1,237.60	5
GF-FL1N	Flo-Link Pressurized Flow Center 1 UPMXL 25-124 Inverted PWM	\$ 1,001.84	5
GF-FL2P	Flo-Link Pressurized Flow Center 1 UPMXL Inverted PWM + 1 UPS26-99	\$ 1,237.60	5

ITEM #	DESCRIPTION	PRICE	PAGE #
<b>GEO-FLO PRESSURIZED FLOW CENTERS WITH 1" FPT CONNECTIONS</b>			
GF-1027	GPM-1 Flow Center, 1" FPT, Cast, 1 UPS26-99 Pump, 230v, Foamed	\$ 961.52	6
GF-1055	GPM-1 Flow Center, 1" FPT, Cast, 1 UP26-116 Pump, 230v, Foamed	\$ 961.52	6
GF-1077	GPM-1 Flow Center, 1" FPT, Stainless, 1 UP26-116SF Pump, 230v, Foamed	\$ 1,184.96	6
GF-1033	GPM-1 Flow Center, 1" FPT, Cast, 1 UPS26-99 Pump, 115v, Foamed	\$ 961.52	6
GF-1000	GPM-1 Flow Center, 1" FPT, Cast, 1 UPS26-99 Pump, 230v, On Brackets	\$ 843.92	6
GF-1049	GPM-1 Flow Center, 1" FPT, Cast, 1 UP26-116 Pump, 230v, On Brackets	\$ 843.92	6
GF-1085	GPM-1 Flow Center, 1" FPT, Stainless, 1 UP26-116SF Pump, 230v, Brackets	\$ 1,050.56	6
GF-1004	GPM-1 Flow Center, 1" FPT, Cast, 1 UPS26-99 Pump, 115v, On Brackets	\$ 843.92	6
GF-1037	GPM-1 Flow Center, 1" FPT, Cast, 1 UPS26-99 Pump, 230v, Iso. Valves	\$ 441.84	6
GF-1057	GPM-1 Flow Center, 1" FPT, Cast, 1 UP26-116 Pump, 230v, Iso. Valves	\$ 404.88	6
GF-1089	GPM-1 Flow Center, 1" FPT, Stainless, 1 UP26-116SF Pump, 230v, Iso. Vlvs.	\$ 479.31	6
GF-1069	GPM-1 Flow Center, 1" FPT, Cast, 1 UPS26-99 Pump, 115V, Iso. Valves	\$ 404.88	6
GF-1028	GPM-2 Flow Center, 1" FPT, Cast, 2 UPS26-99 Pumps, 230v, Foamed	\$ 1,261.68	6
GF-1056	GPM-2 Flow Center, 1" FPT, Cast, 2 UP26-116 Pumps, 230v, Foamed	\$ 1,261.68	6
GF-1076	GPM-2 Flow Center, 1" FPT, Stainless, 2 UP26-116SF Pumps, 230v, Foamed	\$ 1,492.40	6
GF-1031	GPM-2 Flow Center, 1" FPT, Cast, 2 UPS26-99 Pumps, 115V, Foamed	\$ 1,261.68	6
GF-1001	GPM-2 Flow Center, 1" FPT, Cast, 2 UPS26-99 Pumps, 230v, On Brackets	\$ 1,163.12	6
GF-1050	GPM-2 Flow Center, 1" FPT, Cast, 2 UP26-116 Pumps, 230v, On Brackets	\$ 1,163.12	6
GF-1082	GPM-2 Flow Center, 1" FPT, Stainless, 2 UP26-116SF Pumps, 230v, Brckts.	\$ 1,448.16	6
GF-1005	GPM-2 Flow Center, 1" FPT, Cast, 2 UPS26-99 Pumps, 115V, On Brackets	\$ 1,163.12	6
GF-1229	GPM-3 Flow Center, 1" FPT, Cast, 3 UPS26-99 Pumps, 230v, Foamed	\$ 1,610.00	6
GF-1231	GPM-3 Flow Center, 1" FPT, Cast, 3 UP26-116 Pumps, 230v, Foamed	\$ 1,610.00	6
GF-1235	GPM-3 Flow Center, 1" FPT, Stainless, 3 UP26-116SF Pumps, 230v, Foamed	\$ 2,111.76	6
GF-1233	GPM-3 Flow Center, 1" FPT, Cast, 3 UPS26-99 Pumps, 115V, Foamed	\$ 1,610.00	6
GF-1230	GPM-4 Flow Center, 1" FPT, Cast, 4 UPS26-99 Pumps, 230v, Foamed	\$ 1,852.48	6
GF-1232	GPM-4 Flow Center, 1" FPT, Cast, 4 UP26-116 Pumps, 230v, Foamed	\$ 1,852.48	6
GF-1236	GPM-4 Flow Center, 1" FPT, Stainless, 4 UP26-116SF Pumps, 230v, Foamed	\$ 2,381.12	6
GF-1234	GPM-4 Flow Center, 1" FPT, Cast, 4 UPS26-99 Pumps, 115V, Foamed	\$ 1,852.48	6
GF-1046	GPM-4 Flow Center, 1" FPT, 4 UPS26-99 Pumps	call for pricing	6
GF-1062	GPM-4 Flow Center, 1" FPT, 4 UP26-116 Pumps	call for pricing	6
GF-1092	GPM-4 Flow Center, 1" FPT, 4 UP26-116SF Pumps	call for pricing	6
GF-1071	GPM-4 Flow Center, 1" FPT, 4 UPS26-99 115V Pumps	call for pricing	6

**GEO-FLO PRESSURIZED FLOW CENTERS WITH 2" FLO-LINK XL CONNECTIONS**

GF-1206	UPS32-160 VersaFlo, Single Pump 230v, 1PH, Cast Iron, Flo-Link XL	\$ 2,433.46	7
GF-1207	UPS32-160 VersaFlo, Double Pump 230v, 1PH, Cast Iron, Flo-Link XL	\$ 3,985.54	7
GF-1208	UPS40-160 VersaFlo, Single Pump 230v, 1PH, Cast Iron, Flo-Link XL	\$ 2,895.58	7
GF-1209	UPS40-160 VersaFlo, Double Pump 230v, 1PH, Cast Iron, Flo-Link XL	\$ 4,908.36	7
GF-1210	UPS40-240 VersaFlo, Single Pump 230v, 1PH, Cast Iron, Flo-Link XL	\$ 3,139.98	7
GF-1211	UPS40-240 VersaFlo, Double Pump 230v, 1PH, Cast Iron, Flo-Link XL	\$ 5,396.46	7
GF-FLXL1D	UPS60-150 SuperBrute, Single Pump 230v, 1PH, Cast Iron, Flo-Link XL	\$ 1,491.84	7
GF-FLXL2D	UPS60-150 SuperBrute, Double Pump 230v, 1PH, Cast Iron, Flo-Link XL	\$ 2,056.88	7

**BUFFER TANKS**

GF-HCT-R2-000-NM	HC Buffer Tank, 22 Gallon, Insulated w/Air Vent & Vacuum Breaker	\$ 1,376.66	10
GF-HCT-R4-000-NM	HC Buffer Tank, 40 Gallon Insulated w/Air Vent & Vacuum Breaker	\$ 1,558.65	10
GF-HCT-R5-000-NM	HC Buffer Tank, 55 Gallon Insulated w/Air Vent & Vacuum Breaker	\$ 1,694.00	10
GF-HCT-R8-000-NM	HC Buffer Tank, 80 Gallon Insulated w/Air Vent & Vacuum Breaker	\$ 2,384.66	10
GF-HCT-R9-000-NM	HC Buffer Tank, 119 Gallon Insulated w/Air Vent & Vacuum Breaker	\$ 2,633.56	10

ITEM #	DESCRIPTION	PRICE	PAGE #
<b>HYDRO-CONNECT CONTROLS</b>			
GF-4695	Vacuum Breaker, 1/2" MPT	\$ 26.60	11
GF-4697	Auto Air Vent, 1/2" FPT and 3/4" NPT	\$ 29.20	11
GF-4744	Seal Kit for HCT-R2/4/5 (Swivel Gasket & Connection O-Rings)	\$ 3.25	11
GF-4745	Seal Kit for HCT-R8/9 (Swivel Gasket & Connection O-Rings)	\$ 3.25	11
GF-HCC-NN-HO1-PM	HC Controls, Heating Only, Pump Controls	\$ 1,084.72	11
GF-HCC-NN-HO1-ZM	HC Controls, Heating Only, Zone Valve Controls	\$ 1,013.58	11
GF-HCC-NN-HC1-PM	HC Controls, Heating/Cooling, Pump Controls	\$ 1,146.88	11
GF-HCC-NN-HC1-ZM	HC Controls, Heating/Cooling, Zone Valve Controls	\$ 1,138.48	11
GF-HCC-NN-HC2-PM	HC Controls, Heating/Cooling with Fan Coil, Pump Controls	\$ 1,095.06	11
GF-HCC-NN-HC2-ZM	HC Controls, Heating/Cooling with Fan Coil, Zone Valve Controls	\$ 1,085.28	11
GF-HCE-NN-HO1-PM	HC Expansion Panel for HO1, Pump Controls	\$ 293.32	11
GF-HCE-NN-HO1-ZM	HC Expansion Panel for HO1, Zone Valve Controls	\$ 280.28	11
GF-HCE-NN-HC1-PM	HC Expansion Panel for HC1, Pump Controls	\$ 729.12	11
GF-HCE-NN-HC1-ZM	HC Expansion Panel for HC1, Zone Valve Controls	\$ 708.40	11
GF-HCE-NN-HC2-PM	HC Expansion Panel for HC2, Pump Controls	\$ 687.67	11
GF-HCE-NN-HC2-ZM	HC Expansion Panel for HC2, Zone Valve Controls	\$ 668.11	11

**B&D MANUFACTURING PUMPS**

FC99/3	Grundfos UPS26-99F, 3 Speed, 230V, Cast Iron Volute	\$ 468.75	12
FC116	Grundfos UP26-116F, Single Speed, 230V, Cast Iron Volute	\$ 468.75	12
FC43100	Grundfos UPS43-100F, 3 Speed, 230V, Cast Iron Volute	\$ 556.80	12
FC1558	Grundfos UP15-58FC, 3 Speed, 115V, E-Coated Cast Iron Volute	\$ 307.61	12
FC99/115	Grundfos UPS26-99F, 3 Speed, 115V, Cast Iron Volute	\$ 491.52	12

**GEO-FLO PUMPS**

GF-8900	Grundfos UP26-99F, Single Speed, 230V, Cast Iron Volute	\$ 432.00	12
GF-8900NV	Grundfos UP26-99, Single Speed, 230V, NO Volute	\$ 399.00	12
GF-8951	Grundfos UPS40-240 Versaflo, 3 Speed, 230V, Cast Iron Volute	\$ 2,774.40	12
GF-8994	Grundfos UPS40-160 Versaflo, 3 Speed, 230V, Cast Iron Volute	\$ 2,450.40	12
GF-9024	Grundfos Magna Geo 32-140, Var Spd, 230V, Cast Iron Volute	\$ 919.40	12
GF-9104	Grundfos UPS26-99F, 3 Speed, 115V, Cast Iron Volute	\$ 432.00	12
GF-9104NV	Grundfos UPS26-99, 3 Speed, 115V, NO Volute	\$ 399.00	12
GF-9405	Grundfos UP26-116F, Single Speed, 230V, Cast Iron Volute	\$ 432.00	12
GF-9405NV	Grundfos UP26-116, Single Speed, 230V, NO Volute	\$ 399.00	12
GF-9417	Grundfos UPS32-160 Versaflo, 3 Speed, 230V, Cast Iron Volute	\$ 1,916.40	12
GF-9418	Grundfos UPS60-150 Superbrute XL, 3 Speed, 230V, Cast Iron Volute	\$ 780.00	12
GF-9425	Grundfos UPS26-99U, 3 Speed, 230V, Cast Iron Union-Style Volute	\$ 384.47	12
GF-9425NV	Grundfos UPS26-99, 3 Speed, 230V, NO Volute	\$ 372.40	12
GF-9428	Grundfos UPS26-99F, 3 Speed, 230V, Cast Iron Flange Volute	\$ 432.00	12
GF-9432	Magna3 40-180, 208-230V, Variable, Cast Iron Volute	\$ 4,030.20	12
GF-9433	Magna3 65-150, 208-230V, Variable, Cast Iron Volute	\$ 4,771.12	12
GF-9435	Grundfos UP26-116SF, Single Speed, 230V, Stainless Steel Volute	\$ 530.40	12
GF-9441	Magna3 40-80, 208-230V, Variable, Cast Iron Volute	\$ 2,337.34	12
GF-9444	Magna3 40-120, 208-230V, Variable, Cast Iron Volute	\$ 2,618.00	12
GF-9448	Magna3 100-120, 208-230V, Variable, Cast Iron Volute	\$ 4,994.93	12
GF-9449	Magna3 65-120, 208-230V, Variable, Cast Iron Volute	\$ 4,525.73	12
GF-9451	UPS15-58FC, 115V, 3 Speed, Cast Iron Volute with Check Valve	\$ 155.12	12
GF-9457	UPMXL 25-124, 208-230V, Variable, Cast Iron Volute	\$ 663.00	12
GF-9458	UPMXL 25-124 Inverted PWM, 208-230V, Variable, Cast Iron Volute	\$ 663.00	12

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**REPLACEMENT PUMP - FLUSH CART**

GF-9424	Munro 105 HP 115/208-230V - for Geo-Flo P/N GF-3789	1417.8	12
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**REPLACEMENT PUMP - GEO-BOOSTER**

GF-9423	Geo-Booster Replacement Pump - for P/N GF-3551	\$ 136.20	12
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**GEO-FLO INSULATED PUMP MODULES**

GF-1252	Grundfos UPS26-99, 3 Spd, 230V, Insulated, Cast Volute, Flo-Link	\$ 426.00	13
GF-1253	Grundfos UP26-116, Sngle Spd, 230V, Insulated, Cast Volute, Flo-Link	\$ 426.00	13
GF-1269	Grundfos UPS26-99, 3 Spd, 115V, Insulated, Cast Volute, Flo-Link	\$ 448.20	13
GF-1285	Grundfos UPS26-99, 3 Spd, 230V, Insulated, Cast, 1" FPT Iso. Valves	\$ 543.60	13
GF-1285CV	Grundfos UPS26-99, 3 Spd, 230V, Insulated, Cast, 1" FPT Iso. Valves w/ck	\$ 547.20	13
GF-1286	Grundfos UPS26-99, 3 Spd, 115V, Insulated, Cast, 1" FPT Iso. Valves	\$ 543.60	13
GF-1286CV	Grundfos UPS26-99, 3 Spd, 115V, Insulated, Cast, 1" FPT Iso. Valves w/ck	\$ 547.20	13
GF-1383	Grundfos UP26-116, 230V, Insulated, Cast Volute, 1" FPT Iso. Valves	\$ 543.60	13
GF-1384	Grundfos UPS26-99, 3 Spd, 230V, Insulated, Cast, 1" FPT Iso. Valves	\$ 427.95	13
GF-FLP1L-4V	Grundfos UPMXL 25-124, Variable, 230V, Insulated, Cast, 1" FPT Iso. Vlvs	\$ 976.80	13
GF-FLP1L-4V-CV	Grundfos UPMXL 25-124, Variable, 230V, Insulated, Cast, 1" FPT, Iso. w/ck	\$ 989.40	13
GF-FLP2A-4V	Grundfos (2) UPS26-99, 3 Spd, 230V, Insulated, Cast, 1" FPT Iso. Valves	\$ 970.20	13
GF-1317	Grundfos (2) UPS26-99, 3 Spd, 230V, Insulated, Cast Volute, Flo-Link	\$ 648.12	13
GF-1318	Grundfos (2) UPS26-99, 3 Spd, 115V, Insulated, Cast Volute, Flo-Link	\$ 780.00	13
GF-1319	Grundfos UPS32-160, 3 Spd, 230V, Insulated, Cast, Requires FL XL	\$ 2,308.80	13
GF-1320	Grundfos (3) UPS32-160, 3 Spd, 230V, Insulated, Cast, Requires FL XL	\$ 2,680.80	13
GF-1321	Grundfos UPS40-240, 3 Spd, 230V, Insulated, Cast, Requires FL XL	\$ 2,624.88	13
GF-1322	Grundfos (3) UPS40-240, 3 Spd, 230V, Insulated, Cast, Requires FL XL	\$ 2,813.98	13
GF-1360	Superbrute UPS 60-150, 3 Spd, 230V, Insulated, Cast Volute, Flo-Link XL	\$ 859.80	13

**VARIABLE SPEED CONTROLLERS**

GF-3697	Grundfos Magna Geo Controller, Temperature Control Only	\$ 546.60	13
GF-3698	Grundfos Magna Geo Controller, Temperature And Flow Control	\$ 792.00	13

**PUMP ACCESSORIES**

GF-3561	Pump Sharing Relay (2 Units: 1 Flow Center)	\$ 88.80	13
GF-3562	Pump Sharing Relay With Nema Enclosure (2 Units: 1 Flow Center)	\$ 105.00	13
GF-3808	Pump Enable Control W/ Nema Enclosure (Up To 5 Units: 1 Flow Center)	\$ 137.40	13
GF-2135	Grundfos 1" FPT Flange Set, Cast Iron, For UP15 & UP26 Series Pumps	\$ 34.80	13
GF-3727	Pump Check Tool, AC Magnetic Field Indicator	\$ 7.20	13
GF-3790	Flo-Link Isolation Valve Set (Flo-Link x 1" FPT)	\$ 75.60	14
GF-4066	Flo-Link Isolation Valve Set (Flo-Link x 1" FPT w/check valve)	\$ 96.00	14
GF-3875	Flo-Link Isolation Valve Set (Flo-Link x 1-1/4" FPT)	\$ 106.80	14
GF-4244	Pump Mounting Bracket for UP/UPS 15 & 26 Series Pumps	\$ 12.60	14

**HOSE KITS**

ACHK5-FPA	1" Complete Hose Kit With Flush Port Assembly for QT/GT Flow Centers	\$ 205.05	14
GF-1100	3/4" Standard Hose Kit (3/4" MPT @ Flow Center & 1" MPT @ Heat Pump)	\$ 142.20	14
GF-1101	1" Standard Hose Kit (1" MPT @ Flow Center & Heat Pump)	\$ 142.20	14
GF-1101CV	GF-1101 Hose Kit with Check Valve at Flow Center Connection	\$ 151.80	14
GF-1181	1" Hose Kit (1" Flo-Link @ Flow Center & 1" MPT @ Heat Pump)	\$ 170.40	15
GF-1181CV	GF-1181 Hose Kit with Check Valve at Flow Center Connection	\$ 181.80	15
GF-1251	1-1/4" Hose Kit (1-1/4" MPT at Flow Center & Heat Pump)	\$ 176.40	15
GF-1354	Flo-Link Hose Kit (Flo-Link @ Flow Center & Heat Pump)	\$ 159.60	15
GF-1354CV	GF-1354 Hose Kit with Check Valve at Flow Center Connection	\$ 140.84	15
GF-1346	NP Plus Hose Kit for Heat Pumps with Flo-Link Double O-Ring Connections	\$ 174.00	15
GF-1347	NP Plus Hose Kit for Heat Pumps with 1" MPT Connections	\$ 172.80	15
GF-3477	2" Hose Kit (2" Flo-Link XL @ Flow Center & 2" MPT @ Heat Pump)	\$ 604.20	15

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**1" CONTINENTAL SHORELINE HOSE**

GF-2139	1" Black Reinforced Rubber Hose - Sold By The Foot - 150 PSI	\$ 2.70	16
GF-2950	1" Black Reinforced Rubber Hose 12Ft. Length - 150 PSI	\$ 34.20	16
GF-3559-12	1-1/4" Black Reinforced Rubber Hose 12Ft Length - 150 PSI	\$ 53.28	16
GF-3418	2" Black Wire-Reinforced Rubber Hose 12Ft. Length - 150 PSI	\$ 280.20	16

**STAINLESS STEEL HOSE CLAMP**

ACCLAMP6	Ideal 6820 Stainless Steel Hose Clamp — 3/4" - 1-1/4"	\$ 1.29	16
ACCLAMP78	Ideal 6832 Stainless Steel Hose Clamp — 1-1/2" - 2-1/2"	\$ 1.71	16

**1" FPT INLINE FLOW METER**

ACFM20	1" FPT, Blue-White Flow Meter - 1.0 - 20.0 GPM	\$ 384.58	16
GF-3753	1" FPT Flow Meter - 2.0 - 20.0 GPM	\$ 300.00	16

**FLO-LINK 3-WAY VALVE BOX**

GF-3514	1" Flo-Link 3-Way Composit Valve Insulated Box for Flushing	\$ 193.80	16
GF-3522	1" Flo-Link 3-Way Brass Double Valve Insulated Box for Flushing	\$ 411.60	16

**FLO-LINK XL 3-WAY VALVE BOX**

GF-1199	2" Flo-Link XL 3-Way Brass Valve Insulated Box for Flushing	\$ 357.00	16
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**GEO-FLO GEO-PRIME TANK**

GF-1245	Geo-Flo Geo-Prime Tank	\$ 442.80	16
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**GEO-FLO GEO-BOOSTER**

GF-3551	Geo-Booster (Loop Pressurization System - 35 PSI)	\$ 436.20	16
GF-9423	Geo-Booster Replacement Pump	\$ 136.20	16
GF-3535	Geo-Booster Replacement Power Supply	\$ 97.80	16

**PE EXPANSION TANK**

GF-3230	Pressure Battery PE Expansion Tank — 1-1/4" Socket Fusion	\$ 121.20	16
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**GEOHERMAL ANTIFREEZE AND ADDITIVES**

ACCOND	8 Oz. Geo Loop Conditioner	\$ 23.90	17
FX-155738-0005	Fernox Alphi-11 Antifreeze Protector — 5 Gal Pail	\$ 248.75	17
FX-155738-0055	Fernox Alphi-11 Antifreeze Protector — 55 Gal Drum	\$ 2,660.50	17
FX-57880	Fernox F1 Protector — 500ML Bottle	\$ 44.00	17
FX-62561	Fernox F1 Protector — 10L Pail	\$ 401.50	17
FX-57882	Fernox F3 Cleaner — 500ML Bottle	\$ 43.75	17

**VALVE REPAIR KITS**

GF-2938	Repair Kit, Geo-Flo Composite Valve, Flo-Link Double O-Ring	\$ 3.60	17
GF-3518	Repair Kit, Geo-Flo Brass Valve, Flo-Link Double O-Ring	\$ 4.68	17
GF-3341	Repair Kit, Geo-Flo Brass Valve, FPT Connections	\$ 4.20	17
GF-3519	Repair Kit, Geo-Flo Flo-Link XL Valve, Flo-Link XL Double O-Ring	\$ 5.85	17



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**FLO-LINK DOUBLE O-RING ADAPTERS**

GF-2911	Flo-Link X 1-1/4" PE Fusion Adapter Set	\$ 19.80	17
GF-2912	Flo-Link X 1" PE Fusion Adapter Set	\$ 19.80	17
GF-2913	Flo-Link X 1" Brass Hose Barb Adapter Set	\$ 57.60	17
GF-2914	Flo-Link X 1" Male CAM Adapter Set	\$ 24.60	17
GF-2942	Flo-Link X 1-1/4" Brass Hose Barb Adapter Set	\$ 64.20	17
GF-3072	Flo-Link X 1" Brass MPT Adapter Set	\$ 73.20	17
GF-3096	Flo-Link X 3/4" PE Fusion Adapter Set	\$ 24.60	17
GF-3144	Flo-Link X 1-1/8" Brass Sweat To Copper Adapter Set	\$ 82.80	17
GF-3203	Flo-Link X Brass Male Garden Hose Adapter Set	\$ 34.20	17
GF-3248	Flo-Link X Brass Female Garden Hose Adapter Set	\$ 34.20	17
GF-3255	Flo-Link X 1" MPT Elbow Set With Tap For PT Port	\$ 65.40	17
GF-3263	Flo-Link X 1" Hose Barb Elbow Set With Tap For PT Port	\$ 65.40	17
GF-3326	Flo-Link X 1" FPT Brass Adapter Set	\$ 45.60	17
GF-3385	Flo-Link X 1" Straight Hose Barb Set With Tap For PT Port	\$ 81.00	17
GF-3389	Flo-Link X 1" Brass MPT Set With Tap For PT Port	\$ 81.00	17
GF-3425	Flo-Link X 1-1/4" PVC Glue Adapter Set	\$ 34.20	17
GF-3490	Flo-Link X 1" Brass Hose Barb Adapter Set With Check Valves	\$ 75.00	17
GF-3498	Flo-Link (Female) X 1" MPT Brass Adapter Set	\$ 48.00	17
GF-3769	Flo-Link X 1" Brass Hose Barb Set With Tap For PT Port	\$ 86.40	17
GF-3885	Flo-Link X 1-1/4" Brass FPT Adapter Set	\$ 84.00	17
GF-3917	Flo-Link X 1-1/4" PE Pipe Adapter Set — For Butt Or Electrofusion	\$ 24.60	17
GF-4143	Flo-Link X 1" FPT Brass Adapter Set With Check Valves	\$ 75.60	17
GF-FLSK-FL	Flo-Link Flushing Set (Contains GF-3248, GF-2914 & GF-3498)	\$ 60.00	17
GF-2911-10X	Bulk Box - 10 Sets Of 1-1/4" PE Fusion X Flo-Link Adapters	\$ 148.20	17
GF-3425-10X	Bulk Box - 10 Sets Of 1-1/4" PVC Glue X Flo-Link Adapters	\$ 206.40	17

**FLO-LINK XL DOUBLE O-RING ADAPTERS**

GF-3463	Flo-Link XL X 1-1/4" PE Fusion Adapter Set	\$ 81.00	18
GF-3464	Flo-Link XL X 1-1/2" PE Fusion Adapter Set	\$ 81.00	18
GF-3465	Flo-Link XL X 2" PE Fusion Adapter Set	\$ 81.00	18
GF-3318	Flo-Link XL X 2" Brass FPT Adapter Set	\$ 100.80	18
GF-3655	Flo-Link XL X 1-1/4" Brass MPT Adapter Set	\$ 126.00	18
GF-3476	Flo-Link XL X 2" Brass MPT Adapter Set	\$ 69.00	18
GF-3395	Flo-Link XL X 2" Brass Sweat To Copper Adapter Set	\$ 111.60	18
GF-3397	Flo-Link XL X 2" Brass Hose Barb Adapter Set	\$ 125.40	18
GF-3652	Flo-Link XL X 1-1/4" Brass Hose Barb Adapter Set	\$ 112.80	18
GF-3380	Flo-Link XL X 1" Aluminum Male CAM Adapter Set	\$ 75.60	18
GF-3486	Flo-Link XL X 1-1/2" Aluminum Male CAM Adapter Set	\$ 99.00	18
GF-3485	Flo-Link XL X Brass Female Garden Hose Adapter Set	\$ 69.00	18

**BRASS BARB COUPLING**

BBC5	1" Brass Barb Coupling	\$ 15.40	18
BBC56	1" X 1-1/4" Brass Barb Coupling	\$ 25.00	18
BBC6	1-1/4" Brass Barb Coupling	\$ 23.00	18

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**BRASS STRAIGHT FEMALE ADAPTER**

BBFA5	1" FPT X 1" Barb Straight Adapter	\$ 21.50	18
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**BRASS STRAIGHT MALE ADAPTER**

BBMA5	1" MPT X 1" Straight Barb Adapter	\$ 18.00	18
BBMA56	1-1/4" MPT X 1" Barb Straight Adapter	\$ 19.90	18
BBMA65	1" MPT X 1-1/4" Barb Straight Adapter	\$ 21.30	18
BBMA6	1-1/4" MPT X 1-1/4" Barb Straight Adapter	\$ 21.60	18

**BRASS STRAIGHT ADAPTER**

GF-3929	1" MPT X 1" Barb Adapter With Tap For P/T Port	\$ 13.20	18
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**BRASS HYDRANT ELBOW**

BE5	1" MPT X 1" Barb Elbow (No P/T Tap)	\$ 19.60	19
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**BRASS HEAT PUMP ELBOW**

BE4PT	3/4" MPT X 1" Hose Barb Elbow With 1/4" P/T Tap	\$ 15.00	19
BE44PT	3/4" MPT x 3/4" Hose Barb Elbow With 1/4" P/T Tap	\$ 11.20	19
BE5PT	1" MPT X 1" Hose Barb Elbow With 1/4" P/T Tap	\$ 19.90	19
BE6PT	1-1/4" MPT X 1-1/4" Hose Barb Elbow With 1/4" P/T Tap	\$ 28.00	19
GF-3447	1" MPT x 1" Hose Barb Elbow With 1/4" P/T Tap	\$ 18.00	19
GF-3481	Set of 1" MPT x 1" FPT Heat Pump Elbows With 1/4" P/T Plugs	\$ 51.60	19
GF-3482	Set of 2" MPT x 2" Hose Barb Heat Pump Elbows With 1/4" P/T Plugs	\$ 97.34	19
GF-3500	Set of 1-1/4" MPT x 1-1/4" FPT Heat Pump Elbows With 1/4" P/T Plugs	\$ 78.00	19

**BRASS HEAT PUMP UNION ELBOW**

BEU4PT	3/4" IPS X 1" Barb Union Elbow With 1/4" P/T Tap	\$ 29.00	19
BEU5PT	1" IPS X 1" Barb Union Elbow With 1/4" P/T Tap	\$ 32.00	19
BEU6PT	1-1/4" IPS X 1-1/4" Barb Union Elbow With 1/4" P/T Tap	\$ 53.00	19

**BRASS PRESSURE/TEMPERATURE PLUG**

BPT2	1/4" MPT P/T Plug	\$ 6.59	19
BPT3	1/2" MPT P/T Plug	\$ 9.00	19
GF-2143	1/4" MPT P/T Plug With Plastic Cap Retainer	\$ 9.00	19
GF-2144	1/2" MPT P/T Plug With Plastic Cap Retainer	\$ 9.00	19
GF-PTRET	Plastic Cap Retainer For P/T Plug	call for pricing	19
GF-PTCAP	Replacement P/T Plug Threaded Cap	call for pricing	19

**BRONZE THREADED BUSHING**

BTB43	3/4" X 1/2" Bronze Threaded Bushing	\$ 3.68	19
BTB53	1" X 1/2" Bronze Threaded Bushing	\$ 5.59	19
BTB63	1-1/4" X 1/2" Bronze Threaded Bushing Non-stocked item	call for pricing	19
BTB64	1-1/4" X 3/4" Bronze Threaded Bushing Non-stocked item	call for pricing	19
BTB65	1-1/4" X 1" Bronze Threaded Bushing	\$ 9.51	19

**BRONZE THREADED PLUG**

BTP2	1/4" MPT Bronze Threaded Square Head Plug	\$ 2.50	20
BTP5	1" MPT Bronze Threaded Square Head Plug	\$ 9.40	20
BTP6	1-1/4" MPT Bronze Threaded Square Head Plug	\$ 16.95	20
GF-3711	1/4" MPT Brass Allen Socket Head Plug	\$ 2.40	20

**BRASS THREADED CLOSE NIPPLE**

BTCN5	1" Brass Threaded Close Nipple	\$ 4.82	20
BTCN6	1-1/4" Brass Threaded Close Nipple	\$ 7.27	20



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<b>PVC THREADED CLOSE NIPPLE</b>			
PVCTCN5	1" Sch 80 PVC Threaded Close Nipple	\$ 1.78	20
PVCTCN6	1-1/4" SCH 80 PVC Threaded Close Nipple	\$ 2.64	20
<b>PVC SLIP TO HOSE BARB</b>			
GF-3831	1-1/4" SCH80 PVC Slip (Glue) x 1" Hose Barb	\$ 20.40	20
<b>BRONZE THREADED TEE</b>			
BTT5	1" Bronze Threaded Tee	\$ 16.87	20
BTT6	1-1/4" Bronze Threaded Tee	\$ 21.12	20
<b>BRASS THREAD TO SWIVEL ADAPTERS</b>			
GF-3731	3/4" MPT x 1" FPT Swivel Adapter	\$ 34.20	20
GF-3732	1" MPT x 1" FPT Swivel Adapter	\$ 35.40	20
GF-3726	1-1/4" MPT x 1-1/4" FPT Swivel Adapter	\$ 76.80	20
GF-4323	1" MPT x 1-1/4" FPT Swivel Adapter	\$ 66.00	20
<b>FUSION TO FEMALE PIPE THREAD ADAPTER</b>			
BSPFA5	1" Socket Fusion X 1" Brass Female Adapter	\$ 22.40	20
BSPFA65	1-1/4" Socket Fusion X 1" Brass Female Adapter	\$ 23.63	20
BSPFA6	1-1/4" Socket Fusion X 1-1/4" Brass Female Adapter	\$ 43.20	20
<b>FUSION TO MALE PIPE THREAD ADAPTER</b>			
BSPMA4	3/4" Fusion X 3/4" MPT Adapter	\$ 19.50	21
BSPMA54	1" Fusion X 3/4" MPT Adapter	\$ 21.78	21
BSPMA5	1" Fusion X 1" MPT Adapter	\$ 22.40	21
BSPMA64	1-1/4" Fusion X 3/4" MPT Adapter	\$ 22.16	21
BSPMA65	1-1/4" Fusion X 1" MPT Adapter	\$ 23.63	21
BSPMA6	1-1/4" Fusion X 1-1/4" MPT Adapter	\$ 43.20	21
BSPMA7	1-1/2" Fusion X 1-1/2" MPT Adapter	\$ 62.07	21
BSPMA8	2" Fusion X 2" MPT Adapter	\$ 67.15	21
<b>FUSION TO HOSE BARB ADAPTERS</b>			
GF-PFA44HB	Fusion adapter, 1" socket fusion x 1" hose barb	\$ 18.34	21
GF-PFA54HB	Fusion adapter, 1-1/4" socket fusion x 1" hose barb	\$ 18.34	21
<b>FUSION TEE WITH FPT THREAD</b>			
GF-PFTA551F	Fusion adapter tee, 1-1/4" fusion x 1-1/4" fusion x 1/4" FPT (for PT port)	\$ 25.96	21
<b>BRASS THREADED BALL VALVE</b>			
BBV4	3/4" FPT Brass Ball Valve (Full Port)	\$ 21.20	21
BBV5	1" FPT Brass Ball Valve (Full Port)	\$ 35.50	21
BBV6	1-1/4" FPT Brass Ball Valve (Full Port)	\$ 49.50	21
<b>BRASS BALL VALVES WITH BARB INSERTS</b>			
BBVI4	3/4" Brass Ball Valves With Barb Inserts (Full Port)	\$ 41.00	21
BBVI5	1" Brass Ball Valve With Barb Inserts (Full Port)	\$ 47.00	21
BBVI6	1-1/4" Brass Ball Valves With Barb Inserts (Full Port)	\$ 96.00	21
<b>BRASS BALL VALVE WITH PE PIPE</b>			
BBVP5	1" Valve Assembly With PE Pipe	\$ 91.20	21
BBVP6	1-1/4" Valve Assembly With PE Pipe	\$ 120.52	21
<b>BRASS BARB RETURN VALVE ASSEMBLY</b>			
ACRVA56	1" X 1-1/4" Barb Return Valve Assembly	\$ 70.00	21

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**GRUNDFOS BRASS FLANGE BALL VALVE**

FCFBV5	1" NPT X Flange Ball Valve (Full Port)	\$ 88.07	21
FCFBV6	1-1/4" NPT X Flange Ball Valve (Full Port)	\$ 101.23	21

**TACO MOTORIZED BALL VALVE**

GF-VMT3F-OP	Taco Geo-Sentry 24V Ball Valve w/End Switch, 3/4" FPT, For Open Loop	\$ 246.00	22
GF-VMT3F-CL	Taco Geo-Sentry 24V Ball Valve w/End Switch, 3/4" FPT, For Closed Loop	\$ 141.60	22
GF-VMT4F-OP	Taco Geo-Sentry 24V Ball Valve w/End Switch, 1" FPT, For Open Loop	\$ 254.40	22
GF-VMT4F-CL	Taco Geo-Sentry 24V Ball Valve w/End Switch, 1" FPT, For Closed Loop	\$ 147.00	22
GF-VMBBR4F-SR	Belimo B225-LFR24-S+NC/FO Motorized Ball Vlv, 1" FPT Spring Rtr	\$ 114.95	22
GF-VMBBN5F-SR	Belimo B232-AFR24-S+NC/FO Motorized Ball Vlv, 1-1/4" FPT Spr Rtr	\$ 603.60	22

**FUSION TO FLANGE ADAPTER**

BFFA08T	2" Tapered Butt Fusion Flange Adapter	\$ 20.78	22
BFFA10T	3" Tapered Butt Fusion Flange Adapter	\$ 22.96	22
BFFA11T	4" Tapered Butt Fusion Flange Adapter	\$ 31.91	22

**METAL BACK-UP RING**

DFIBR-08	2" IPS Metal Back-Up Ring, 150#, 4-Bolt	\$ 12.77	22
DFIBR-10	3" IPS Metal Back-Up Ring, 150#, 6-Bolt	\$ 16.24	22
DFIBR-11	4" IPS Metal Back-Up Ring, 150#, 6-Bolt	\$ 25.55	22

**ELECTROFUSION COUPLINGS**

EFC5	1" IPS Electrofusion Coupling 230 PSI	\$ 14.55	22
EFC6	1-1/4" IPS Electrofusion Coupling 230 PSI	\$ 15.81	22
EFC7	1-1/2" IPS Electrofusion Coupling 230 PSI	\$ 18.02	22
EFC8	2" IPS Electrofusion Coupling 230 PSI	\$ 18.83	22
EFC10	3" IPS Electrofusion Coupling 230 PSI	\$ 43.31	22
EFC11	4" IPS Electrofusion Coupling 230 PSI	\$ 57.80	22
EFC12	6" IPS Electrofusion Coupling 230 PSI	\$ 138.79	22

**ELECTROFUSION ELBOWS**

EFE8	2" IPS Electrofusion 90 Degree Elbow 230 PSI	\$ 45.05	22
EFE10	3" IPS Electrofusion 90 Degree Elbow 230 PSI	\$ 101.96	22

**ARMAFLEX® PIPE INSULATION**

INS5-AF	1-3/8" Armaflex® Pipe Insulation	\$ 12.44	23
INS6-AF	1-5/8" Armaflex® Pipe Insulation	\$ 13.48	23
GF-3461	Insulating Boot and Cap Set For 1" Heat Pump Elbows	\$ 21.60	23

**ARMAFLEX® INSULATION TAPE**

INST	2" AP/Armaflex® Black Insulation Tape, 30 Linear Ft.	\$ 36.86	23
INSLST	2" AP/Armaflex® Matte Black Lapseal Tape, 82 Linear Ft.	\$ 67.03	23

**UNDERGROUND DETECTION TAPE**

GF-3567 (Acutape)	3" X 1000 ft Underground Detection Tape New	\$ 41.47	23
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**PIPE CART**

TLPIPECART	Pipe Cart for In-Field Geo Loop Fabricating and Unrolling	\$ 1,200.00	23
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**PIPE ROLLER**

TLPIPEROLL	Pipe Roller for In-Field Geo Loop Unrolling	\$ 1,428.45	23
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**HIGH DENSITY PE STRAIGHT PIPE**

P4020	3/4" X 20' PE - Straight Length - SDR 11	\$ 12.28	24
P5020	1" X 20' PE - Straight Length - SDR 11	\$ 18.89	24
P6020	1-1/4" X 20' PE - Straight Length - SDR 11	\$ 29.25	24
P7020	1-1/2" X 20' PE - Straight Length - SDR 11	\$ 34.92	24
P8020	2" X 20' PE - Straight Length - SDR 11	\$ 66.29	24

**HIGH DENSITY PE PIPE COILS**

P4300	3/4" X 300' PE - Coil - SDR 11	\$ 167.40	24
P4500	3/4" X 500' PE - Coil - SDR 11	\$ 279.00	24
P4600	3/4" X 600' PE - Coil - SDR 11	\$ 334.80	24
P4700	3/4" X 700' PE - Coil - SDR 11	\$ 390.60	24
P4800	3/4" X 800' PE - Coil - SDR 11	\$ 446.40	24
P5500	1" X 500' PE - Coil - SDR 11	\$ 429.43	24
P6100W	1-1/4" X 100' PE - Coil - SDR 11	\$ 130.80	24
P6200W	1-1/4" X 200' PE - Coil - SDR 11	\$ 264.00	24
P6300W	1-1/4" X 300' PE - Coil - SDR 11	\$ 396.60	24
P7100W	1-1/2" X 100' PE - Coil - SDR 11	\$ 156.00	24
P7200W	1-1/2" X 200' PE - Coil - SDR 11	\$ 315.00	24
P7300W	1-1/2" X 300' PE - Coil - SDR 11	\$ 473.40	24
P8100	2" X 100' PE - Coil - SDR 11	\$ 209.40	24
P8200	2" X 200' PE - Coil - SDR 11	\$ 418.80	24
P8300	2" X 300' PE - Coil - SDR 11	\$ 628.20	24

**HIGH DENSITY PE EARTHLOOP U-BEND COILS**

P4U310	3/4" X 2-155' PE – U-Bend Coil – SDR 11	\$ 207.26	25
P4U350	3/4" X 2-175' PE – U-Bend Coil – SDR 11	\$ 229.58	25
P4U410	3/4" X 2-205' PE – U-Bend Coil – SDR 11	\$ 263.06	25
P4U460	3/4" X 2-230' PE – U-Bend Coil – SDR 11	\$ 290.96	25
P4U510	3/4" X 2-255' PE – U-Bend Coil – SDR 11	\$ 318.86	25
P5U410	1" X 2-205' PE – U-Bend Coil – SDR 11	\$ 386.42	25
P5U510	1" X 2-255' PE – U-Bend Coil – SDR 11	\$ 472.30	25
P5U610	1" X 2-305' PE – U-Bend Coil – SDR 11	\$ 558.19	25

**FUSION BULLET U-BEND ASSEMBLY**

SPUB4	3/4" Socket Fusion U-Bend Assembly	\$ 55.69	25
SPUB5	1" Socket Fusion U-Bend Assembly	\$ 55.69	25

**HIGH DENSITY PE POND LOOP COILS**

P4300PL	3/4" X 300' PE - Pond Coil With Spacers - SDR 11 (PN 3647)	\$ 218.40	25
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**PE SOCKET FUSION COUPLINGS**

SPC44	3/4" X 3/4" Fusion Coupling	\$ 2.41	26
SPC54	1" X 3/4" Fusion Coupling	\$ 4.50	26
SPC55	1" X 1" Fusion Coupling	\$ 2.67	26
SPC64	1-1/4" X 3/4" Fusion Coupling	\$ 4.78	26
SPC65	1-1/4" X 1" Fusion Coupling	\$ 4.80	26
SPC66	1-1/4" X 1-1/4" Fusion Coupling	\$ 3.19	26
SPC66SL	1-1/4" x 1-1/4" Geolink Fusion Coupling, Thin Wall, Not Pictured	\$ 5.20	26
SPC74	1-1/2" X 3/4" Fusion Coupling	\$ 6.30	26
SPC75	1-1/2" X 1" Fusion Coupling	\$ 6.75	26
SPC76	1-1/2" X 1-1/4" Fusion Coupling	\$ 6.75	26
SPC77	1-1/2" X 1-1/2" Fusion Coupling	\$ 4.12	26
SPC84	2" X 3/4" Fusion Coupling	call for pricing	26
SPC85	2" X 1" Fusion Coupling	\$ 7.96	26
SPC86	2" X 1-1/4" Fusion Coupling	\$ 8.14	26
SPC87	2" X 1-1/2" Fusion Coupling	\$ 8.31	26
SPC88	2" X 2" Fusion Coupling	\$ 4.33	26

**PE FUSION REDUCING BUSHINGS**

SPB64	1-1/4" Insert X 3/4" Socket	\$ 5.92	26
SPB65	1-1/4" Insert X 1" Socket	\$ 5.92	26
SPB74	1-1/2" Insert X 3/4" Socket	\$ 6.47	26
SPB75	1-1/2" Insert X 1" Socket	\$ 6.47	26
SPB76	1-1/2" Insert X 1-1/4" Socket	\$ 6.47	26
SPB84	2" Insert X 3/4" Socket	\$ 8.17	26
SPB85	2" Insert X 1" Socket	\$ 8.30	26
SPB86	2" Insert X 1-1/4" Socket	\$ 8.30	26
SPB87	2" Insert X 1-1/2" Socket	\$ 8.30	26

**PE SOCKET FUSION CAPS**

SPCP4	3/4" Fusion End Cap	\$ 3.48	26
SPCP5	1" Fusion End Cap	\$ 3.84	26
SPCP6	1-1/4" Fusion End Cap	\$ 4.69	26
SPCP7	1-1/2" Fusion End Cap	\$ 6.20	26
SPCP8	2" Fusion End Cap	\$ 5.92	26

**PE SOCKET FUSION ELBOWS**

SPE44	3/4" X 3/4" Fusion Elbow	\$ 3.39	27
SPE44ST	3/4" X 3/4" Fusion Street Elbow - Replaced by GF-PFL33S	call for pricing	27
SPE54	1" X 3/4" Fusion Elbow	\$ 4.12	27
SPE55	1" X 1" Fusion Elbow	\$ 3.88	27
SPE55ST	1" X 1" Fusion Street Elbow	\$ 4.17	27
SPE64	1-1/4" X 3/4" Fusion Elbow	call for pricing	27
SPE65	1-1/4" X 1" Fusion Elbow	\$ 4.28	27
SPE66	1-1/4" X 1-1/4" Fusion Elbow	\$ 5.60	27
SPE77	1-1/2" X 1-1/2" Fusion Elbow	\$ 8.41	27



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**THINWALL PE SOCKET FUSION ELBOW**

SPE66SL	1-1/4" X 1-1/4" Geolink Fusion Elbow, Thin Wall	\$ 12.00	27
SPE66STSL	1-1/4" X 1-1/4" Geolink Fusion Street Elbow, Thin Wall	\$ 15.00	27
SPE66-SL	1-1/4" X 1-1/4" Nupi Fusion Elbow (Light Weight)	\$ 6.35	27

**PE SOCKET FUSION 45 DEGREE ELBOWS**

SPE55-45	1" X 1" Fusion Elbow - 45 Degree	\$ 6.71	27
SPE66-45	1-1/4" X 1-1/4" Fusion Elbow - 45 Degree	\$ 8.90	27
SPE77-45	1-1/2" X 1-1/2" Fusion Elbow - 45 Degree	\$ 19.37	27
SPE88-45	2" X 2" Fusion Elbow - 45 Degree	\$ 16.69	27

**PE SOCKET FUSION TEES**

SPT444	3/4" X 3/4" X 3/4" Fusion Tee	\$ 4.24	28
SPT554	1" X 1" X 3/4" Fusion Tee	\$ 7.43	28
SPT555	1" X 1" X 1" Fusion Tee	\$ 5.50	28
SPT644	1-1/4" X 3/4" X 3/4" Fusion Tee	\$ 8.10	28
SPT655	1-1/4" X 1" X 1" Fusion Tee	\$ 8.10	28
SPT664	1-1/4" X 1-1/4" X 3/4" Fusion Tee	\$ 8.10	28
SPT665	1-1/4" X 1-1/4" X 1" Fusion Tee	\$ 8.10	28
SPT666	1-1/4" X 1-1/4" X 1-1/4" Fusion Tee	\$ 8.17	28
SPT744	1-1/2" X 3/4" X 3/4" Fusion Tee	\$ 21.12	28
SPT755	1-1/2" X 1" X 1" Fusion Tee	\$ 15.99	28
SPT757	1-1/2" X 1" X 1-1/2" Fusion Tee	\$ 13.97	28
SPT764	1-1/2" X 1-1/4" X 3/4" Fusion Tee	\$ 17.76	28
SPT765	1-1/2" X 1-1/4" X 1" Fusion Tee	\$ 17.76	28
SPT766	1-1/2" X 1-1/4" X 1-1/4" Fusion Tee	\$ 17.76	28
SPT774	1-1/2" X 1-1/2" X 3/4" Fusion Tee	\$ 17.76	28
SPT775	1-1/2" X 1-1/2" X 1" Fusion Tee	\$ 17.76	28
SPT776	1-1/2" X 1-1/2" X 1-1/4" Fusion Tee	\$ 17.76	28
SPT777	1-1/2" X 1-1/2" X 1-1/2" Fusion Tee	\$ 13.64	28
SPT864	2" X 1-1/4" X 3/4" Fusion Tee	\$ 19.28	28
SPT865	2" X 1-1/4" X 1" Fusion Tee	\$ 19.28	28
SPT866	2" X 1-1/4" X 1-1/4" Fusion Tee	\$ 18.66	28
SPT874	2" X 1-1/2" X 3/4" Fusion Tee	\$ 19.28	28
SPT875	2" X 1-1/2" X 1" Fusion Tee	\$ 19.28	28
SPT876	2" X 1-1/2" X 1-1/4" Fusion Tee	\$ 19.28	28
SPT884	2" X 2" X 3/4" Fusion Tee	\$ 18.66	28
SPT885	2" X 2" X 1" Fusion Tee	\$ 18.71	28
SPT886	2" X 2" X 1-1/4" Fusion Tee	\$ 18.66	28
SPT888	2" X 2" X 2" Fusion Tee	\$ 16.28	28

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**PE EXTERIOR SOCKET FUSION HEADERS**

SPH64P3	1-1/4" Inlet X (3) 3/4" Outlets Parallel Header	\$ 22.65	29
SPH64P4	1-1/4" Inlet X (4) 3/4" Outlets Parallel Header	\$ 27.91	29
SPH64P5	1-1/4" Inlet X (5) 3/4" Outlets Parallel Header	\$ 38.36	29
SPH64P6	1-1/4" Inlet X (6) 3/4" Outlets Parallel Header	\$ 52.41	29
SPH64P7	1-1/4" Inlet X (7) 3/4" Outlets Parallel Header	\$ 63.68	29

**PE X PVC INTERIOR TRANSITION MANIFOLD SETS**

MN64A3	3 Circuit - 3/4" X 1-1/4" PVC Insulated Headers - Angle	\$ 412.55	29
MN64S3	3 Circuit - 3/4" X 1-1/4" PVC Insulated Headers - Straight	\$ 412.55	29
MN64A4	4 Circuit - 3/4" X 1-1/4" PVC Insulated Headers - Angle	\$ 533.50	29
MN64S4	4 Circuit - 3/4" X 1-1/4" PVC Insulated Headers - Straight	\$ 533.50	29
MN64A5	5 Circuit - 3/4" X 1-1/4" PVC Insulated Headers - Angle	\$ 654.45	29
MN64S5	5 Circuit - 3/4" X 1-1/4" PVC Insulated Headers - Straight	\$ 654.45	29
MN64A6	6 Circuit - 3/4" X 1-1/4" PVC Insulated Headers - Angle	\$ 775.40	29
MN64S6	6 Circuit - 3/4" X 1-1/4" PVC Insulated Headers - Straight	\$ 775.40	29

**PE COMPRESSION COUPLING**

ELOC44	3/4" PE Compression Coupling	\$ 12.51	30
ELOC55	1" PE Compression Coupling	\$ 16.16	30
ELOC66	1-1/4" PE Compression Coupling	\$ 25.24	30

**PE COMPRESSION ELBOW**

ELOE44	3/4" PE Compression Elbow	\$ 11.39	30
ELOE55	1" PE Compression Elbow	\$ 19.96	30
ELOE66	1-1/4" PE Compression Elbow	\$ 22.78	30

**PE X PVC COMPRESSION COUPLING**

ELOCPVC44	3/4" PE X 3/4" PVC Compression Coupling	\$ 13.92	30
ELOCPVC55	1" PE X 1" PVC Compression Coupling	\$ 16.32	30
ELOCPVC66	1-1/4" PE X 1-1/4" PVC Compression Coupling	\$ 29.22	30

**PE X PVC COMPRESSION ELBOW**

ELOEPVC44	3/4" PE X 3/4" PVC Compression Elbow	\$ 14.52	30
ELOEPVC55	1" PE X 1" PVC Compression Elbow	\$ 16.89	30
ELOEPVC66	1-1/4" PE X 1-1/4" PVC Compression Elbow	\$ 31.83	30

**PE COMPRESSION FEMALE THREAD ADAPTER**

ELOFA44	3/4" Compression X 3/4" Female Thread Adapter	\$ 13.45	30
ELOFA55	1" Compression X 1" Female Thread Adapter	\$ 11.26	30
ELOFA66	1-1/4" Compression X 1-1/4" Female Thread Adapter	\$ 16.51	30



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**PE COMPRESSION MALE THREAD ADAPTER**

ELOMA44	3/4" Compression X 3/4" Male Thread Adapter	\$ 9.96	<b>30</b>
ELOMA55	1" Compression X 1" Male Thread Adapter	\$ 40.82	<b>30</b>
ELOMA66	1-1/4" Compression X 1-1/4" Male Thread Adapter	\$ 15.10	<b>30</b>

**FLUSH CARTS**

TLPURGE2	Stainless Steel 2HP Flush Cart Complete with 1-1/4" Hoses	\$ 4,550.00	<b>31</b>
GF-3789	Geo-Flo Flush Cart with 1-1/4" Hoses and Ball Valves, 1.5HP 115V	\$ 3,420.00	<b>31</b>

**FLUSH CART ACCESSORIES**

GF-3788	Hose Assembly For Geo-Flo Flush Cart	\$ 350.20	<b>31</b>
GF-3666	1" MPT X 1" Male CAM Adapter — Aluminum	\$ 10.20	<b>31</b>
GF-3594	100 Micron Filter Bag For Flush Cart for Geo-Flo Model	\$ 14.10	<b>31</b>
GF-3832	1 Micron Filter Bag For Flush Cart for Geo-Flo Model	\$ 15.00	<b>31</b>
GF-9424	Monroe 1.5HP/115V/1PH Replacement Flush Cart Pump for Geo-Flo Model	\$ 1,417.80	<b>31</b>

**GEO THERMAL SERVICE KITS**

GF-3502	Geo-Gooser Loop Pressurization Device	\$ 82.20	<b>32</b>
GF-3509	Geo-Gooser & Garden Hose Flush Kit	\$ 147.00	<b>32</b>
GF-3553	Geo-Gooser & Flush Kit with Cam Elbows - adapters for flush cart	\$ 161.40	<b>32</b>
GF-3798	Geo Loop Service Kit with Methanol Hydrometer	\$ 204.00	<b>32</b>
GF-3564	Geo Loop Service & Flush Kit - GF-3798 Kit + adapters for flush cart	\$ 276.00	<b>32</b>

**SOCKET FUSION IRONS**

TLFI-C	Central 3SF Double Socket Fusion Iron - 120V	\$ 680.30	<b>32</b>
TLFI-R	Ritmo R63 Double Socket Fusion Iron - 120V	\$ 595.27	<b>32</b>

**SOCKET FUSION KITS**

TLFKR	Central Model 3SF Residential Socket Fusion Kit	\$ 1,921.34	<b>33</b>
TLFKC	Central Model 3SF Commercial Socket Fusion Kit	\$ 2,330.57	<b>33</b>
TLFKR-R	Ritmo Residential Socket Fusion Kit	\$ 1,759.19	<b>33</b>
TLFKC-R	Ritmo Commercial Socket Fusion Kit	\$ 2,822.69	<b>33</b>

**SOCKET FUSION FACES**

TLSF4	3/4" Socket Fusion Face	\$ 126.62	<b>34</b>
TLSF5	1" Socket Fusion Face	\$ 139.48	<b>34</b>
TLSF6	1-1/4" Socket Fusion Face	\$ 147.84	<b>34</b>
TLSF7	1-1/2" Socket Fusion Face	\$ 175.48	<b>34</b>
TLSF8	2" Socket Fusion Face	\$ 168.98	<b>34</b>

**FUSION TOOL COVERS**

GF-TFHB (TLFTC)	Vanguard/Central Fusion Iron Cover	\$ 33.74	<b>34</b>
TLFTC-R	Ritmo Fusion Iron Cover	\$ 106.58	<b>34</b>

**DEPTH GAUGES**

TLDG4	3/4" Aluminum Depth Gauge	\$ 19.71	<b>34</b>
TLDG5	1" Aluminum Depth Gauge	\$ 19.71	<b>34</b>

**CHAMFER TOOL/DEPTH GAUGE**

TLDGC4	3/4" Aluminum Chamfer Tool/Depth Gauge	\$ 61.63	<b>34</b>
TLDGC5	1" Aluminum Chamfer Tool/Depth Gauge	\$ 61.63	<b>34</b>
TLDGC6	1-1/4" Aluminum Chamfer Tool/Depth Gauge	\$ 61.63	<b>34</b>
TLDGC7	1-1/2" Aluminum Chamfer Tool/Depth Gauge	\$ 61.63	<b>34</b>
TLDGC8	2" Aluminum Chamfer Tool/Depth Gauge	\$ 61.63	<b>34</b>

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**COLD RING TOOLS**

TLCR4	3/4" Cold Ring	\$ 75.00	34
TLCR5	1" Cold Ring	\$ 75.00	34
TLCR6	1-1/4" Cold Ring	\$ 80.00	34
TLCR7	1-1/2" Cold Ring	\$ 80.00	34
TLCR8	2" Cold Ring	\$ 80.00	34

**PIPE CUTTERS**

TLPC6H	Harvard 3/4" — 1-1/4" Pipe Cutter	\$ 32.03	34
TLPC8H	Harvard 2" Pipe Cutter	\$ 106.98	34

**TEMPSTIKS**

TLTEMP475	Tempstik 475 Degree F	\$ 27.41	35
TLTEMP500	Tempstik 500 Degree F	\$ 26.21	35
TLTEMP525	Tempstik 525 Degree F	\$ 27.41	35

**DIGITAL TIMER**

TLTIMER	Digital Timer	\$ 23.00	35
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**PRESSURE GAUGE PROBES**

TLPGP16	1/16" Stainless Steel Pressure Gauge Probe With Cover	\$ 17.88	35
TLPGP	1/8" Stainless Steel Pressure Gauge Probe With Cover	\$ 17.27	35

**LIQUID-FILLED PRESSURE GAUGES**

TLPG30	2-1/2" Stainless Steel, 30 PSI Gauge With 1/4" MPT	\$ 13.20	35
TLPG60	2-1/2" Stainless Steel, 60 PSI Gauge With 1/4" MPT	\$ 13.30	35
TLPG100	2-1/2" Stainless Steel, 100 PSI Gauge With 1/4" MPT	\$ 13.30	35

**DIGITAL THERMOMETER**

TLTHERM-U	Digital Thermometer UEI #PDT650	\$ 34.16	35
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**HYDROMETERS**

TLHYD	Methanol Hydrometer - Alcohol Specific	\$ 37.16	35
TLGT-HY	Glycol Hydrometer	\$ 49.70	35

**FLOW METER TOOLS**

TLFMT17	B&D Mfg. Flow Meter Tool - Up To 17 GPM Systems	\$ 342.00	36
TLFMT30	B&D Mfg. Flow Meter Tool - Up To 30 GPM Systems	\$ 840.94	36
TLFMT40	B&D Mfg. Flow Meter Tool - Up To 40 GPM Systems	\$ 943.45	36
GF-3762	Geo-Flo Flow Meter Tool - Up To 20 GPM Systems	\$ 528.00	36
GF-3767	Adapter Kit for B&D Mfg. Flow Meter Tool (Use w/Geo-Flo Flow Centers)	\$ 67.20	36

**PUMP CHECK TOOL**

GF-3727	Pump Check Tool, AC Magnetic Field Indicator Tool	\$ 7.20	36
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**FLOW CENTER WRENCH**

TLFCW	B&D Mfg. Flow Center Wrench for Threaded Cap	\$ 24.83	36
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