



Georg Fischer Type 530 AquaTap Recirculating Laboratory Faucet

Featuring GF's
Inline Flow Diverter (IFD)
Technology (Patent Pending)

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Technical Features

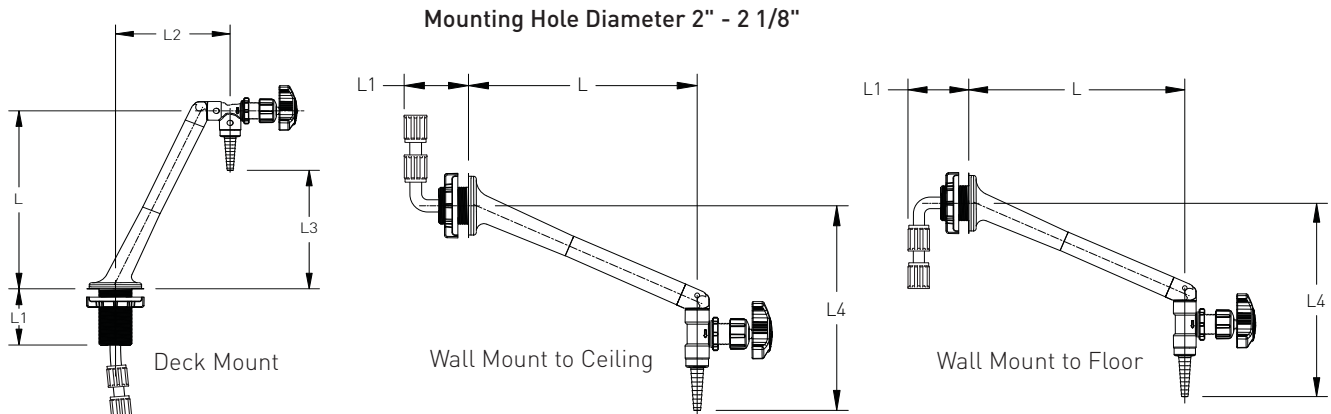
- Ideal flow characteristics
- Sleek robust design
- Continuous flow up to valve eliminating dead-legs
- Easy flare-style connection method
- Deck or wall mounting options
- Needle-type flow control for precise metering

General

The Georg Fischer Type 530 recirculating laboratory faucet is designed to provide constant DI fluid flow to point of use when used with the new Inline Flow Diverter (IFD). The unique design of the IFD provides high flow from the distribution main through the faucet for constant water movement. The IFD uses a slight orifice reduction to create a differential pressure imbalance which forces water through the faucet with minimal pressure loss. The system is further enhanced by using smooth bore interconnecting tubing for design flexibility and simplified piping installations. Up to three faucets can be served from a single IFD.

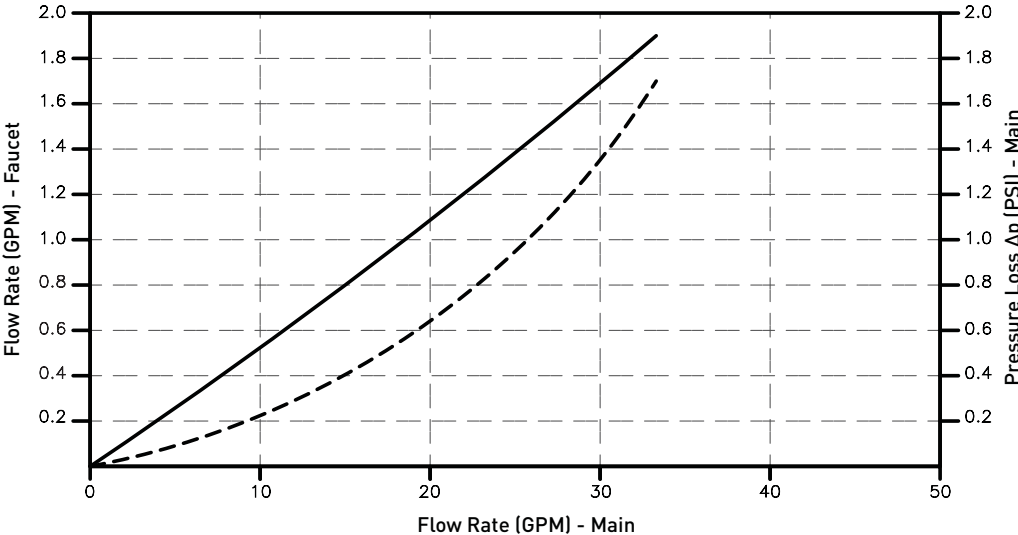
The faucet is made from high purity PVDF, and the IFD is available in SYGEF® PVDF or PROGEF® natural PP in either weld or sanitary clamp connections. Simple heat flaring tools make leak-proof, minimum crevice connections between components.

Mounting Style	PN	Part Number	L	L1	L2	L3	L4
Deck Mount	6	175 530 001	270	89	152	183	-
Wall Mount to Ceiling	6	175 530 002	270	80	-	-	239
Wall Mount to Floor	6	175 530 003	270	80	-	-	239

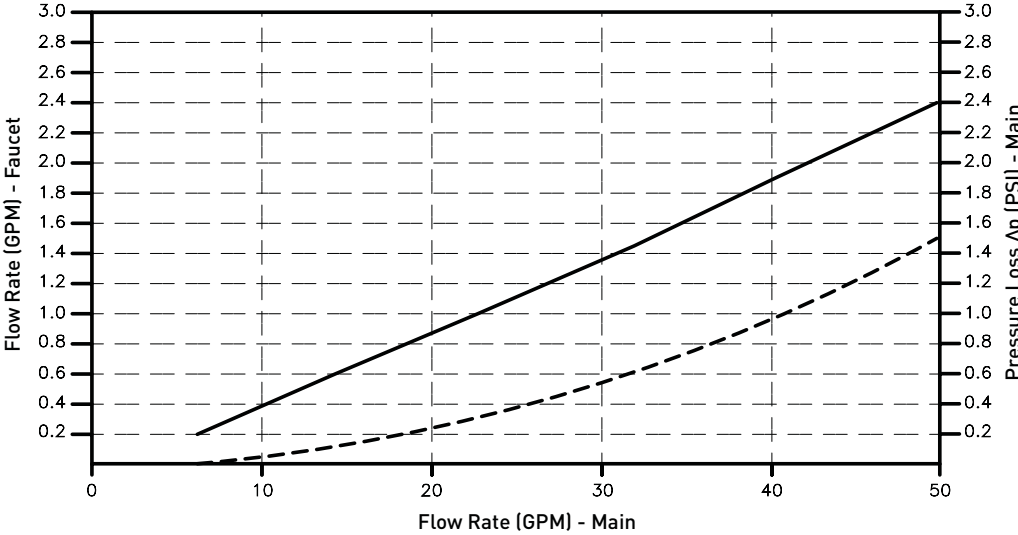


Flow/Pressure Characteristics

32mm Inline Flow Diverter



40mm Inline Flow Diverter



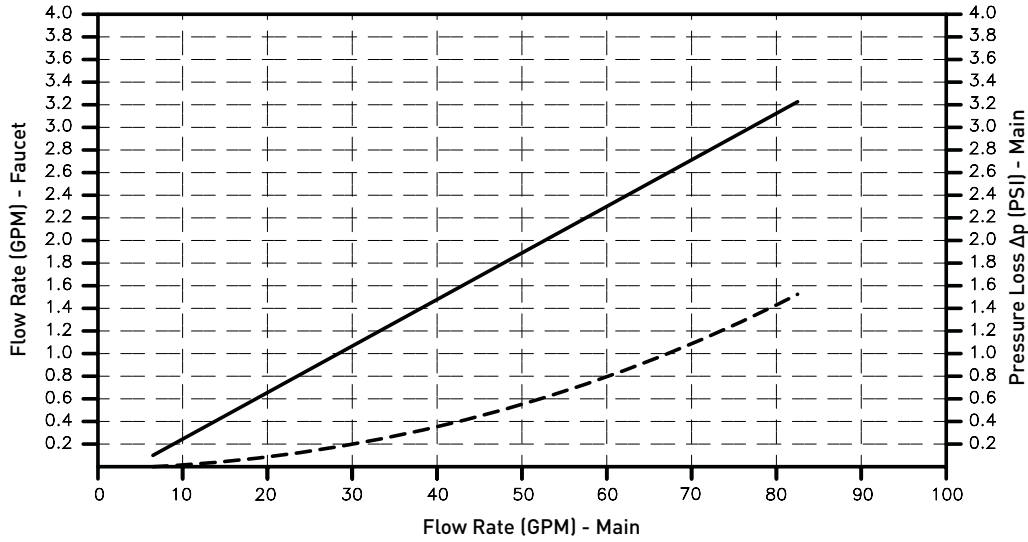
LEGEND

- Flow Rate (GPM) - Faucet
- - - Pressure Loss Δp (PSI) - Main

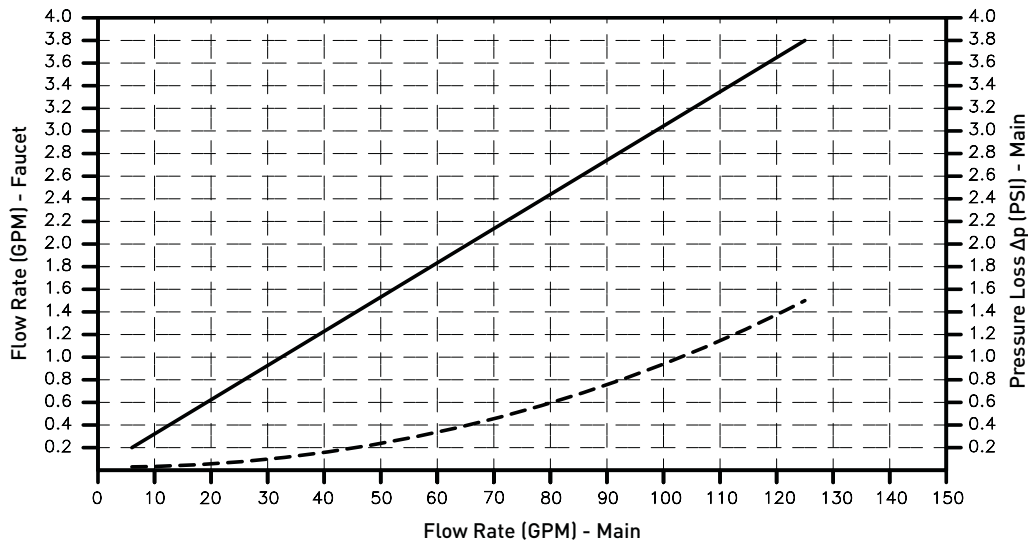
Example: 32mm Inline Flow Diverter @ 20 (GPM) Main
 1.08 (GPM) Through Faucet / 0.6 (PSI) Drop in Main

Flow/Pressure Characteristics

50mm Inline Flow Diverter



63mm Inline Flow Diverter

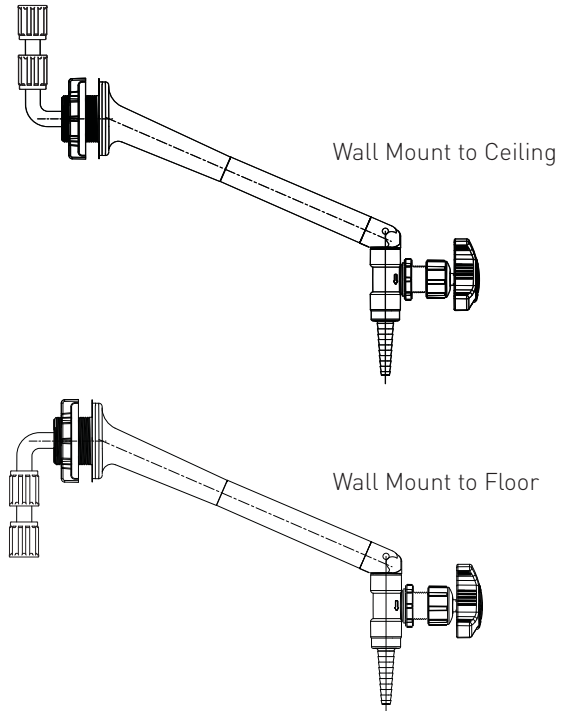
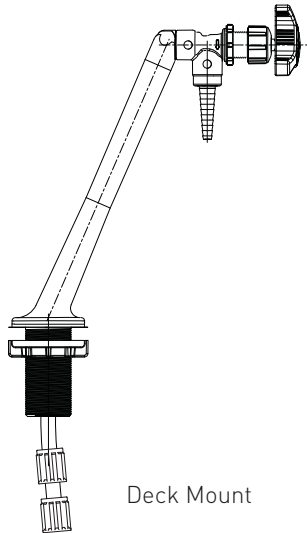


Type 530 Laboratory Faucet System

Type 530 AquaTap Recirculating Laboratory Faucet (B)

Description	Part Number	\$
Deck Mount	175 530 001	850.00
Wall Mount to Ceiling	175 530 002	890.00
Wall Mount to Floor	175 530 003	890.00

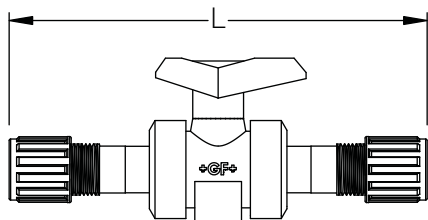
Shipped with (2) each faucet isolation clamps



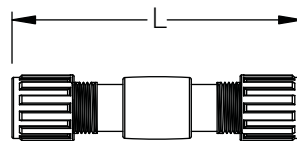
Tubing Interconnect Components (B)

5/8" Flare x 5/8" Flare Adapters

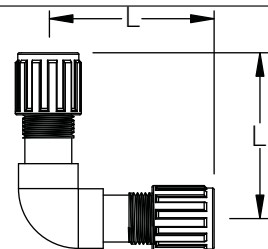
Description	SYGEF® PVDF		PROGEF® Natural PP		L mm
		\$		\$	
Isolation Ball Valve	175 530 032	230.00	168 530 032	134.00	214
Straight Coupler	175 530 011	60.00	168 530 011	50.00	149
90 Elbow	175 530 012	66.00	168 530 012	56.00	85



Isolation Ball Valve



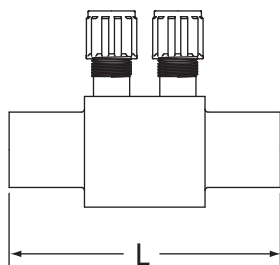
Straight Coupler



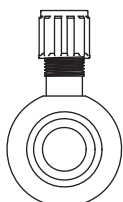
90° Elbow

5/8" Compression x 5/8" Compression Adapters

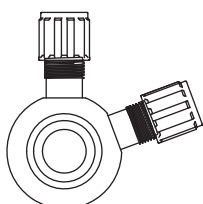
Description	SYGEF® PVDF	\$		
Straight Coupler	175 530 013	15.00		



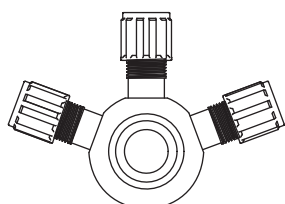
Inline Flow Diverter with IR Butt/BCF® Plus Connection



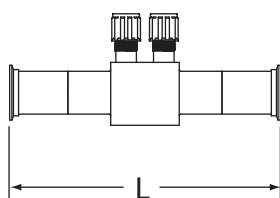
1/1 Port (Inlet/Outlet)



2/2 Port (Inlet/Outlet)



3/3 Port (Inlet/Outlet)



Inline with sanitary Tri-Clamp Connections Flow Diverter

Tie-in Components (B)

Inline Flow Diverter (shipped with tube blankoffs)

IR Plus®/BCF® Plus Fusion

d mm	Ports**	PN	SYGEF® PVDF	\$	PROGEF® Natural PP	\$	L mm
32	1/1	10	175 530 124	425.00	168 530 124	304.00	180
40	1/1	10	175 530 125	432.00	168 530 125	309.00	180
50	1/1	10	175 530 126	465.00	168 530 126	321.00	180
63	1/1	10	175 530 127	515.00	168 530 127	408.00	180
32	2/2	10	175 530 144	580.00	168 530 144	455.00	180
40	2/2	10	175 530 145	587.00	168 530 145	460.00	180
50	2/2	10	175 530 146	618.00	168 530 146	470.00	180
63	2/2	10	175 530 147	664.00	168 530 147	552.00	180
32	3/3	10	175 530 164	766.00	168 530 164	627.00	180
40	3/3	10	175 530 165	773.00	168 530 165	632.00	180
50	3/3	10	175 530 166	803.00	168 530 166	643.00	180
63	3/3	10	175 530 167	850.00	168 530 167	724.00	180

** (Inlet/Outlet)

Inline Flow Diverter (shipped with tube blankoffs)

Sanitary Tri-Clamp

Sanitary (inch)	Ports**	PN	SYGEF® PVDF	\$	PROGEF® Natural PP	\$	L mm
1 1/2"	1/1	10	175 530 225	600.00	168 530 225	427.00	294
2"	1/1	10	175 530 226	650.00	168 530 226	450.00	316
2 1/2"	1/1	10	175 530 227	714.00	168 530 227	547.00	314
1 1/2"	2/2	10	175 530 245	743.00	168 530 245	569.00	294
2"	2/2	10	175 530 246	789.00	168 530 246	590.00	316
2 1/2"	2/2	10	175 530 247	848.00	168 530 247	680.00	314
1 1/2"	3/3	10	175 530 265	929.00	168 530 265	742.00	294
2"	3/3	10	175 530 266	975.00	168 530 266	763.00	316
2 1/2"	3/3	10	175 530 267	1,034.00	168 530 267	853.00	314

** (Inlet/Outlet)

Accessories (B)

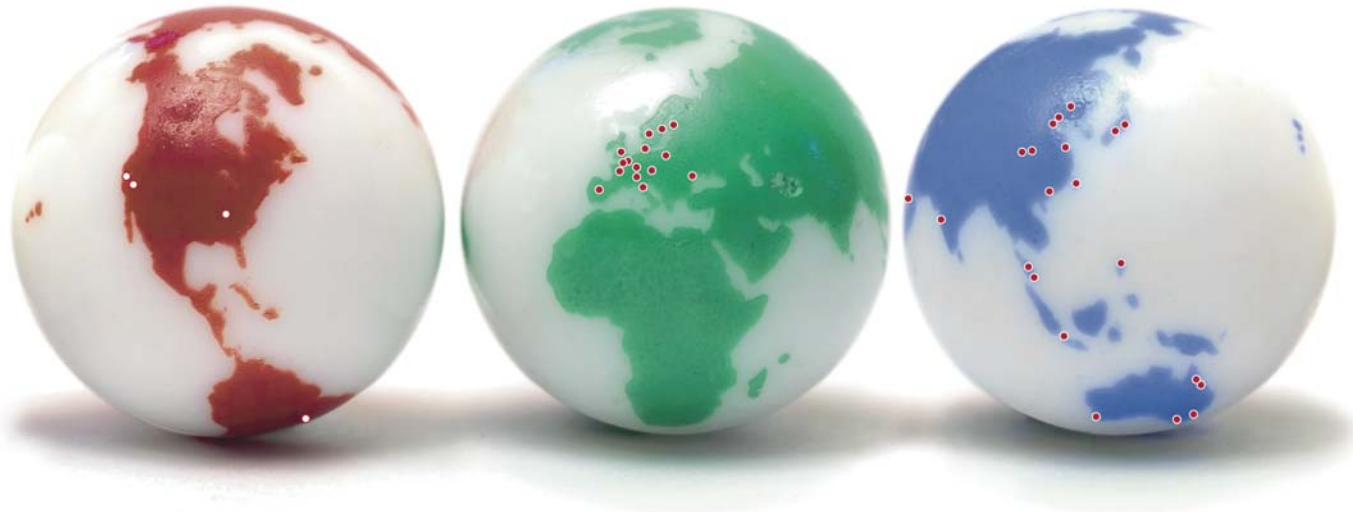
Description	Part Number	\$
5/8"dia x .065wall PFA Tubing (Plain)	178 530 001	7.00 /ft.
5/8"dia x .065wall PE Tubing (Plain)	193 530 001	1.00 /ft.
90 Bend Tube Protector	150 530 002	2.40 /ea.
Tube Clip	150 530 003	.30 /ea.
5/8" Flare Nut	175 530 010	4.00 /ea.
5/8" PE Tube Blankoff	193 530 010	3.00 /ea.
Faucet Isolation Clamps	150 530 001	22.00 /ea.

Tools (D)

Description	Part Number	\$
Heater Plate	790 105 096	250.00
Heater Plate Protector	799 530 001	
5/8" Flare - Heater Bushing	799 530 155	45.00

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