

REACTORS, FILTER, JACKETED

PROCESS FILTER REACTOR, CYLINDRICAL, JACKETED, ELECTRIC OR AIR MOTOR

Our jacketed filter reactors can be used for single or multi-step reactions and filtrations in the same vessel, production and process scale peptide synthesis. Filter base eliminates material transfers and significantly reduces losses. Complete reactor system on our NEW open air, auto-center stand. Supplied with the components listed and numbered on the schematic drawing.

10L COMPLETE JACKETED FILTER REACTORS:

Part Number	Description	Motor Type	Overall Height W/ Motor (in)	Clearance Below Valve (in)
CG-1959-F610	10L Process Filter Reactor, Complete	Electric	72	19.4
CG-1958-F611	10L Process Filter Reactor, Complete	Air	68.2	19.4

20L COMPLETE JACKETED FILTER REACTORS:

Part Number	Description	Motor Type	Overall Height W/ Motor (in)	Clearance Below Valve (in)
CG-1959-F620	20L Process Filter Reactor, Complete	Electric	71.8	19.4
CG-1958-F621	20L Process Filter Reactor, Complete	Air	68	19.4

Standard Components Supplied With Complete Jacketed Filter Reactors:

No.	Part No.	Description
1	CG-2097-16	19mm Stirrer Shaft, 32 3/4" OAL
2a	CG-2077-M-03	19mm PTFE Stir Bearing
2b	CG-2077-M-32	45/50 Lower Joint Adapter
3	CG-149-01	60mm Glass Cap
4	CG-141-T-11	60mm S.S. Clamp, PTFE Coated
5	CG-147-80	60mm Perfluoro O-Ring
6	CG-147-84	200mm Perfluoro O-Ring (2ea)
7	CG-1959-10	10L Jacketed Reaction Vessel (CG-1959-F610/F611)
	CG-1959-20	20L Jacketed Reaction Vessel (CG-1959-F620/F621)
8	CG-1969-A-05	S.S. Adapter 1" Beaded Pipe to M16 X 1 Male (2ea)
9	CG-1968-66	1" Beaded Pipe Coupling (3ea)
10a	CG-2033-B-25	Electric Stir Motor, 1/4Hp, 500 RPM
10b	CG-2025-20	Air Motor, 3/8Hp
10c	CG-2025-10	Filter-Regulator-Lubricator (Air Motor Only)
11a	CG-2044-30	19mm Tru-Stir® Shaft Coupling, (Electric)
11b	CG-2044-16	19mm Tru-Stir® Shaft Coupling, (Air)
12	CG-3499-02	10ft Coiled Extension Cord, "T"
13	CG-3498-01	Temperature Monitor, "T"
14	CG-2033-B-50	Stir Motor Controller (Electric Only)
15	CG-3498-03	1/2" OD Rod, 90° Bend
16	CG-9253-10	Universal Kwik Mount Klamp
17	CG-1042-E-10	Thermocouple Adapter, 45/50
18	CG-1946-50	5-Neck Lid, 200mm
19	CG-141-T-15	200mm S.S. Clamp, PTFE Coated (2ea)
20	CG-3498-122	1/4" Dia. X 22" Long Thermocouple, "T" (CG-1959-F610/F611)
	CG-3498-106	1/4" Dia. X 26" Long Thermocouple, "T" (CG-1959-F620/F621)
21a	CG-2095-05	5" OD PTFE Agitator, 60° (1ea)
21b	CG-2096-F-08	5" OD PTFE Agitator, 90° (1ea)
22	CG-1959-F200	Filter Support Base, 200mm
23	CG-1965-X-150	Auto-Center Support Frame, 66" OAH
24	CG-1964-A-10	1" Beaded Pipe to 1/2" NPT M, Glass Filled PTFE
25	CG-1959-A-01	Drain Valve, 0-14, 1/2" Swagelock Sidearm
---	CG-1959-F203	200mm PTFE Filter, 30 Micron
---	CG-1963-B-10	Beam Torque Wrench
---	CG-1963-B-14	7/16" Deep Socket, 6 Point, 1/4" Drive

