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, autocenter stand. Supplied with the components listed and numbered on the schematic drawing inside (see inside panels A and B).

10L COMPLETE JACKETED FILTER REACTORS:

Overall Clearance					
Part Number Description		Motor Type	Height With Below Motor(in) Valve(in) Price		
CG-1959-F610	10L Process Filter Reactor, Complete	Electric	74"	19.4"	13,150.00*
CG-1958-F611	10L Process Filter Reactor, Complete	Air	70.2"	19.4"	11,990.00*

20L COMPLETE JACKETED FILTER REACTORS:

Overall Clearance					
Part Number	Description	Motor Type	Height With Motor(in)	Below Valve(in)	Price
CG-1959-F620	20L Process Filter Reactor, Complete	Electric	73.8"	19.4"	13,380.00*
CG-1958-F621	20L Process Filter Reactor, Complete	Air	70"	19.4"	12,435.00*

Chemglass Life Sciences

- Contact us for more information -

3800 North Mill Road, Vineland, NJ 08360

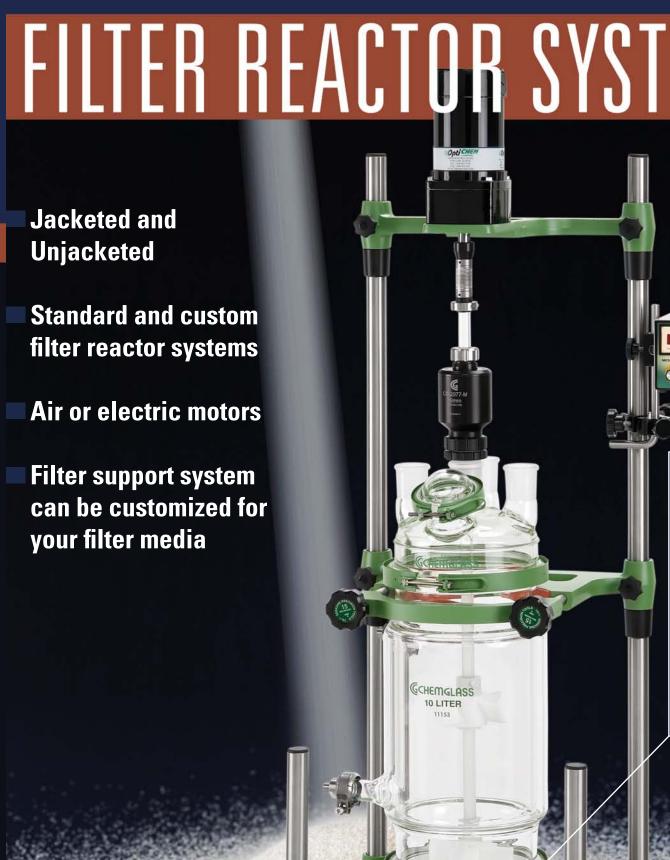
US & Canada Phone: 1-800-843-1794

Fax: 1-800-922-4361

Customer Service: customer-service@cglifesciences.com



WWW.CGLIFESCIENCES.COM





for Filter Base System

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

Our unjacketed 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 inside (see inside panels C and D).

10L COMPLETE UNJACKETED FILTER REACTORS:

			Overall C	learance	
Part Number	Description	Motor Type	Height With Motor(in)	Below Valve(in)	Price
CG-1959-F810	10L Process Filter Reactor, Complete	Electric	74"	19.4"	11,635.00*
CG-1958-F811	10L Process Filter Reactor, Complete	Air	70.2"	19.4"	10,520.00*

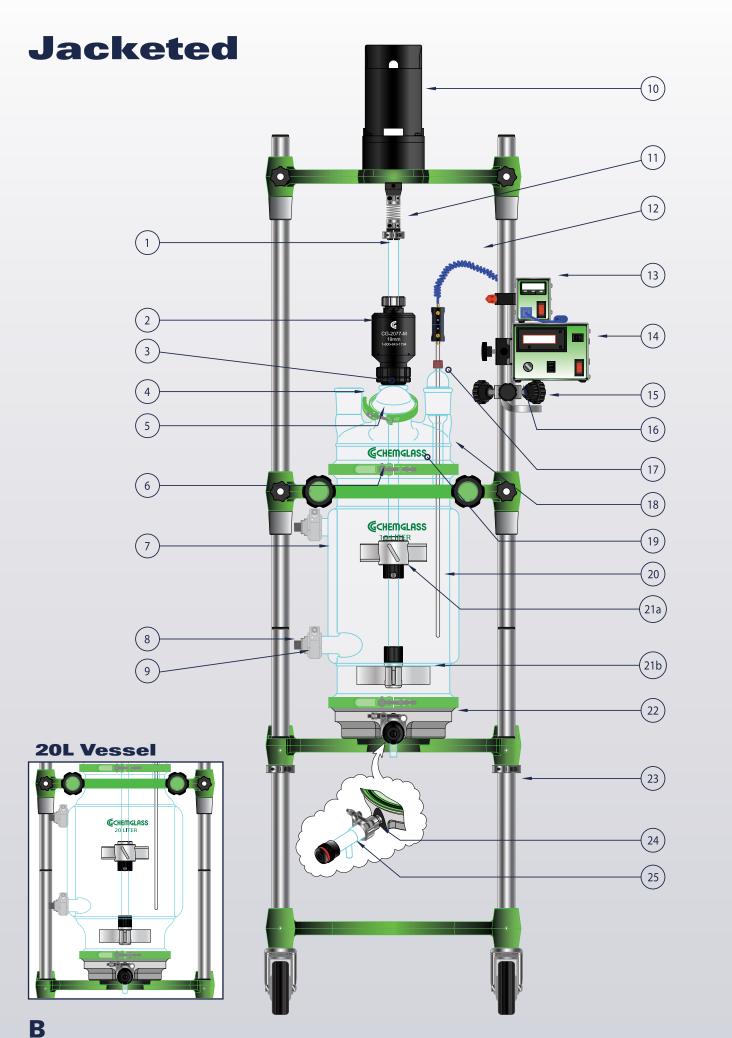
20L COMPLETE UNJACKETED FILTER REACTORS:

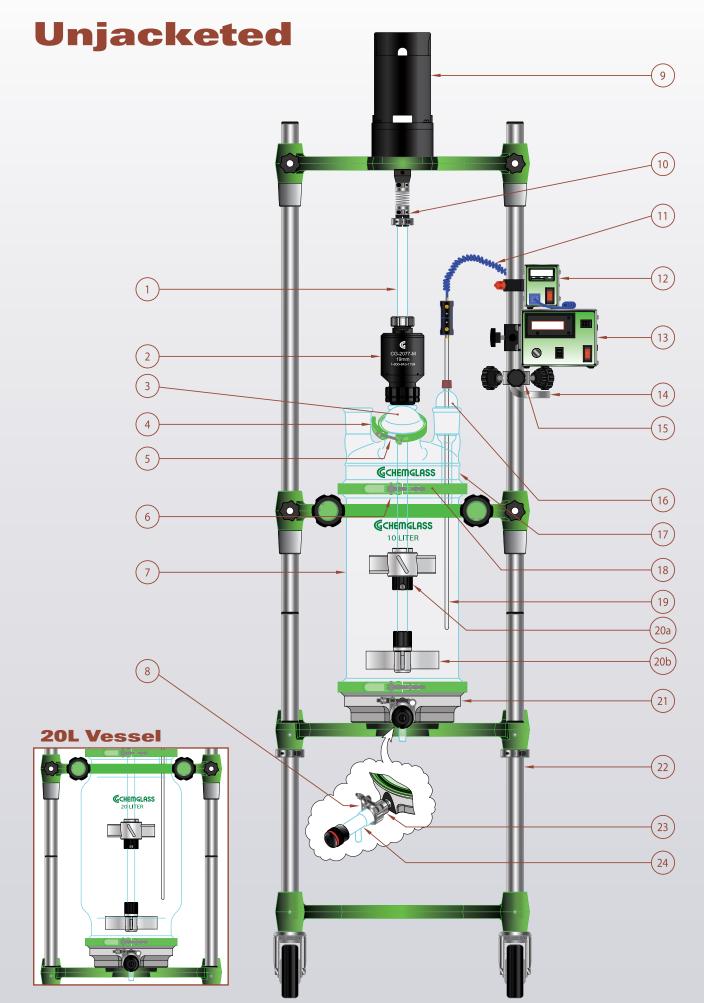
			Overall C	learance	
Part Number	Description	Motor Type	Height With Motor(in)	Below Valve(in)	Price
CG-1959-F820	20L Process Filter Reactor, Complete	Electric	73.8"	19.4"	12,240.00*
CG-1958-F821	20L Process Filter Reactor, Complete	Air	70"	19.4"	11,100.00*

* Not Subject To Discount

STANDARD COMPONENTS SUPPLIED WITH COMPLETE JACKETED FILTER REACTORS:

Item No.	Part Number	Description
1	CG-2097-16	19mm Stirrer Shaft, 32 3/4" OAL
2a	CG-2077-M-03	19mm Teflon 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, Teflon 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)
7	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-2033-11	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-2033-31	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, Teflon Coated (2ea)
20	CG-3498-122	1/4" Diameter X 22" Long Thermocouple, "T" (CG-1959-F610/F611)
20	CG-3498-106	1/4" Diameter X 26" Long Thermocouple, "T" (CG-1959-F620/F621)
21a	CG-2095-05	5" OD Teflon Agitator, 60° (1ea)
21 b	CG-2096-F-08	5" OD Teflon 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





STANDARD COMPONENTS SUPPLIED WITH COMPLETE UNJACKETED FILTER REACTORS:

ltem No.	Part Number	Description
1	CG-2097-16	19mm Stirrer Shaft, 32 3/4" OAL
2 a	CG-2077-M-03	19mm Teflon 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, Teflon Coated
5	CG-147-80	60mm Perfluoro O-Ring
6	CG-147-84	200mm Perfluoro O-Ring (2ea)
7	CG-1959-U10 CG-1959-U20	10L Unjacketed Reaction Vessel (CG-1959-F810/F811) 20L Unjacketed Reaction Vessel (CG-1959-F820/F821)
8	CG-1968-66	1" Beaded Pipe Coupling
9a	CG-2033-11	Electric Stir Motor, 1/4Hp, 500 RPM
9b	CG-2025-20	Air Motor, 3/8Hp
9c	CG-2025-10	Filter-Regulator-Lubricator (Air Motor Only)
10a	CG-2044-30	19mm Tru-Stir® Shaft Coupling, (Electric)
10b	CG-2044-16	19mm Tru-Stir® Shaft Coupling, (Air)
11	CG-3499-02	10ft Coiled Extension Cord, "T"
12	CG-3498-01	Temperature Monitor, "T"
13	CG-2033-31	Stir Motor Controller (Electric Only)
14	CG-3498-03	1/2" OD Rod, 90° Bend
15	CG-9253-10	Universal Kwik Mount Klamp
16	CG-1042-E-10	Thermocouple Adapter, 45/50
17	CG-1946-50	5-Neck Lid, 200mm
18	CG-141-T-15	200mm S.S. Clamp, Teflon Coated (2ea)
19	CG-3498-122 CG-3498-106	1/4" Diameter X 22" Long Thermocouple, "T" (CG-1959-F810/F811) 1/4" Diameter X 26" Long Thermocouple, "T" (CG-1959-F820/F821)
20 a	CG-2095-05	5" OD Teflon Agitator, 60° (1ea)
20 b	CG-2096-F-08	5" OD Teflon Agitator, 90° (1ea)
21	CG-1959-F200	Filter Support Base, 200mm
22	CG-1965-X-150	Auto-Center Support Frame, 66" OAH
23	CG-1964-A-10	1" Beaded Pipe to 1/2" NPT M, Glass Filled PTFE
24	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