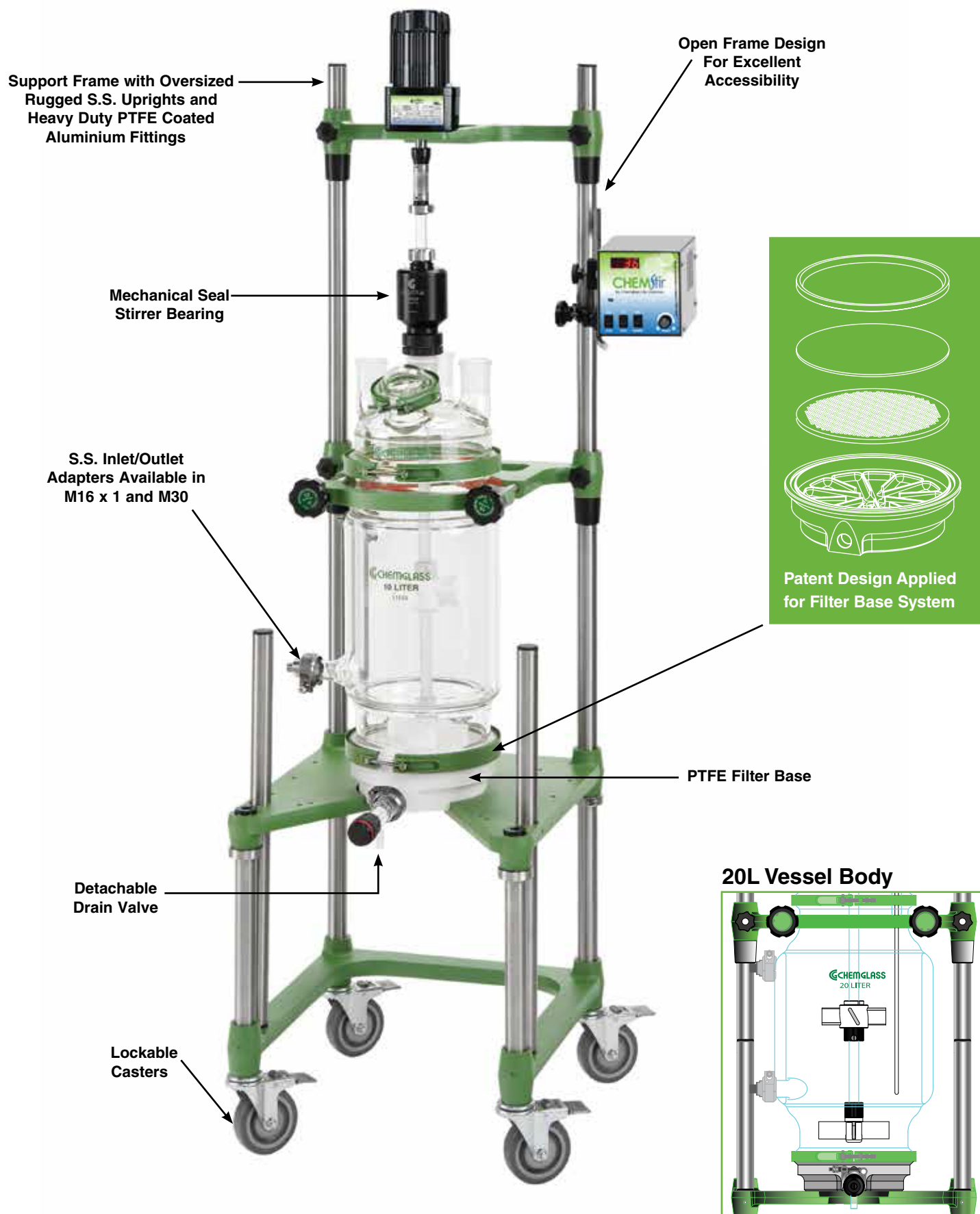


# REACTORS, FILTER, JACKETED



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## 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                     |

