

# JACKETED REACTORS, 30L

## 30L PROCESS REACTOR, CYLINDRICAL, JACKETED, ELECTRIC OR AIR MOTOR

Complete reactor system on our NEW open air stand. Supplied with the components listed below and numbered on the schematic drawing. Optional items are listed on the following pages. **PLEASE NOTE: REACTOR STAND OVERALL HEIGHT WITH MOTOR AND CLEARANCE BELOW VALVE, ARE CALCULATED FOR ALL CHEMGLASS STIRRER BEARINGS, INCLUDING THE CG-2077-M MECHANICAL SEAL STIR BEARING.**

### 30L COMPLETE PROCESS REACTORS:

Part Number	Description	Motor Type	Approx. Overall Height W/ Motor (in)	Clearance Below Valve (in)
CG-1968-630	30L Process Reactor, Complete	Electric	82.6	18.6
CG-1970-630	30L Process Reactor, Complete	Air	79.0	18.6

### COMPLETE WITH CG-1969-M-06 MANIFOLD WITH M30 CIRCULATOR FITTINGS

Part Number	Description
CG-1968-630M	30L Process Reactor, Complete, Electric
CG-1970-630M	30L Process Reactor, Complete, Air

### Standard Components Supplied With Complete Process Reactors:

No.	Part No.	Description
1	CG-1215-C-10	High Efficiency Condenser, 45/50
2	CG-2097-31	25.4mm Stirrer Shaft, 41-7/8" OAL
3	CG-2077-H-06	25.4mm PTFE Stir Bearing
4	CG-149-06	80mm Glass Cap
5	CG-141-T-10	80mm S.S. Clamp, PTFE Coated
6	CG-147-79	80mm FEP Encased S.S. Spring O-Ring
7	CG-1968-G-01	300mm Envelope Gasket
8	CG-1968-61	30L Jacketed Reaction Vessel
9	CG-1969-A-05	S.S. Adapter, 1" Beaded Pipe to M16 X 1 Male (2ea)
10	CG-1968-66	1" Beaded Pipe Coupling (2ea)
11	CG-1968-67	2" Beaded Pipe Coupling
12a	CG-2033-B-25	Electric Stir Motor, 1/4Hp, 500 RPM
12b	CG-2025-20	Air Motor, 3/8Hp
12c	CG-2025-10	Filter-Regulator-Lubricator (Air Motor Only)
13a	CG-2046-90	25.4mm Shaft Coupling, (Electric)
13b	CG-2046-91	25.4mm Shaft Coupling, (Air)
15	CG-2033-V-75	Stir Motor Controller (Electric Only)
17	CG-3498-03	1/2" OD Rod, 90° Bend (2ea)
18	CG-9253-20	Universal Kwik Mount Klamp (2ea)
19	CG-1042-E-10	Thermocouple Adapter, 45/50
20	CG-1968-A-01	7-Neck Lid, 300mm
21	CG-2093-21	PTFE Flake Catching Cup, 25.4mm
22	CG-1978-P932	PT100 Temp. Sensor, 1/4" Diameter x 32" Long
23a	CG-2095-23	8" OD PTFE Agitator, 60°
23b	CG-2096-12	10" OD PTFE Agitator, High Viscosity
24	CG-1968-X-12	New Open Support Frame, 75.25" OAH
25	CG-1968-GL-040	Zero Dead Space Drain Valve
--	CG-3002-L-45	45/50 PTFE Stopper With Loosening Ring (2ea)
--	CG-145-09	45/50 Keck Clips (PK10)
---	CG-2048-03	25.4mm Safety Collar with PTFE Gasket
---	CG-1963-B-10	Beam Torque Wrench
---	CG-1963-B-14	7/16" Deep Socket, 6 Point, 1/4" Drive

