

Technical Information for Chemglass Large Scale Process Reactors

Reactor Capacity, Type and Part No.	Support Frame Part Number	Support Frame Dimensions W x D x H (in)	Height with Electric Motor (in)	Height with CG-2025-20 Air Motor (in)	Clearance Below Side Arm On Bottom Drain Valve (in)	MAX Jacket Pressure (PSI)	MAX Vessel Pressure (PSI)	MAX Vacuum*
10L Jacketed (CG-1930-31)	CG-1965-X-150	19 x 19 x 63.25	72.1	69.0	15.3	10	10	Full Vacuum
15L Jacketed (CG-1930-33)	CG-1965-X-150	19 x 19 x 63.25	72.1	69.0	15.3	10	10	Full Vacuum
20L Jacketed (CG-1930-34)	CG-1965-X-150	19 x 19 x 63.25	72.1	69.0	15.3	10	10	Full Vacuum
10L Unjacketed (CG-1924-31)	CG-1965-X-150	19 x 19 x 63.25	72.1	69.0	15.3	---	10	Full Vacuum
15L Unjacketed (CG-1924-33)	CG-1965-X-150	19 x 19 x 63.25	72.1	69.0	15.3	---	10	Full Vacuum
20L Unjacketed (CG-1924-34)	CG-1965-X-150	19 x 19 x 63.25	72.1	69.0	15.3	---	10	Full Vacuum
30L Jacketed (CG-1968-61)	CG-1968-X-12	28.25 x 20 x 75.25	84.6	81.0	18.6	10	10	Full Vacuum
50L Jacketed Short (CG-1968-95)	CG-1968-X-12	28.25 x 20 x 75.25	84.6	81.0	15.2	7	7	Full Vacuum
50L Jacketed Tall (CG-1968-81)	CG-1968-X-14	28.25 x 20 x 83.50	92.8	89.3	16.2	10	10	Full Vacuum
75L Jacketed (CG-1968-97)	CG-1968-F-24	28.5 x 28.5 x 83.50	92.8	89.3	18.4	7	7	Full Vacuum
100L Jacketed (CG-1968-99)	CG-1968-F-24	28.5 x 28.5 x 83.50	92.8	89.3	10.2	7	7	Full Vacuum
100L Jacketed (CG-1968-99)	CG-1968-F-26	28.5 x 28.5 x 95.25	104.6	101.0	21.9	7	7	Full Vacuum
30L Unjacketed (CG-1972-61)	CG-1968-X-12**	28.25 x 20 x 75.25	84.6	81.0	20.9	---	10	Full Vacuum
50L Unjacketed Tall (CG-1972-81)	CG-1968-X-14**	28.25 x 20 x 83.50	92.8	89.3	18.1	---	10	Full Vacuum

ALL DIMENSIONS LISTED ARE APPROXIMATE.

* Maximum ΔT for jacketed reactors is 60° C.

** Requires CG-1968-X-56 Lower Mantle Base (Sold Separately)

Please Note: Reaction Vessels with Morton Indents are not suitable for Vacuum and **Do Not** have a pressure rating.

Chemglass cannot assume responsibility for use of the above information for specific applications. Chemglass does not guarantee the vessels from breaking under pressure/vacuum due to the nature of the material and conditions beyond our control. Chemglass strongly recommends the use of safety shields and/or other safety equipment.

To order call, 1-800-843-1794

*Not subject to discount