

Technical Information for Chemglass Large Scale Process Reactors


Reactor Size / Type	Support Frame Part Number	Height Without Motor (inches)	Height With Electric Motor (inches)	Height with CG-2025-20 Air motor (inches)	Clearance Below the bottom drain valve (inches)	Frame Width (inches)	Frame Depth (inches)	Maximum Jacket Pressure	Maximum Pressure for Vessel	Maximum Vacuum*
10L Jacketed Reactor (CG-1930-31)	CG-G-1985-150	66.50	75.31	72.25	17.25	20.00	20.00	10 PSI	10 PSI	Full Vacuum
15L Jacketed Reactor (CG-1930-33)	CG-G-1985-150	66.50	75.31	72.25	17.25	20.00	20.00	10 PSI	10 PSI	Full Vacuum
20L Jacketed Reactor (CG-1930-34)	CG-G-1985-150	66.50	75.31	72.25	17.25	20.00	20.00	10 PSI	10 PSI	Full Vacuum
10L Unjacketed Reactor (CG-1924-31)	CG-G-1985-150	66.50	75.31	72.25	17.25	20.00	20.00	--	10 PSI	Full Vacuum
15L Unjacketed Reactor (CG-1924-33)	CG-G-1985-150	66.50	75.31	72.25	17.25	20.00	20.00	--	10 PSI	Full Vacuum
20L Unjacketed Reactor (CG-1924-34)	CG-G-1985-150	66.50	75.31	72.25	17.25	20.00	20.00	--	10 PSI	Full Vacuum
30L Jacketed Reactor (CG-1968-81)	CG-G-1988-F-12	73.25	82.82	79.00	17.50	28.50	28.50	10 PSI	10 PSI	Full Vacuum
50L Jacketed Reactor (Short CG-1988-95)	CG-G-1988-F-12	73.25	82.82	79.00	16.50	28.50	28.50	3 PSI	5 PSI	Full Vacuum
50L Jacketed Reactor (Tail CG-1988-81)	CG-G-1988-F-14	83.50	92.87	89.25	20.00	28.50	28.50	10 PSI	10 PSI	Full Vacuum
75L Jacketed Reactor (CG-1968-97)	CG-G-1988-F-14	83.50	92.87	89.25	19.00	28.50	28.50	3 PSI	5 PSI	Full Vacuum
100L Jacketed Reactor (CG-1968-99)	CG-G-1988-F-16	95.25	104.82	101.00	23.25	28.50	28.50	3 PSI	5 PSI	Full Vacuum
30L Unjacketed Reactor (CG-1972-81)	CG-G-1972-F-12	73.25	82.82	79.00	17.50	28.50	28.50	--	10 PSI	Full Vacuum
50L Unjacketed Reactor (Tail CG-1972-81)	CG-G-1972-F-14	83.50	92.87	89.25	20.00	28.50	28.50	--	10 PSI	Full Vacuum

ALL DIMENSIONS LISTED ARE APPROXIMATE.

* Maximum ΔT for jacketed reactors is 60° C.

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.


 3861 N. Mill Road
 Vineland, NJ 08360
 Phone: 1-800-843-1794
 Fax: 1-800-922-4361
 email: technical-service@chemglass.com