

STAINLESS STEEL STORAGE TANK

MANUAL



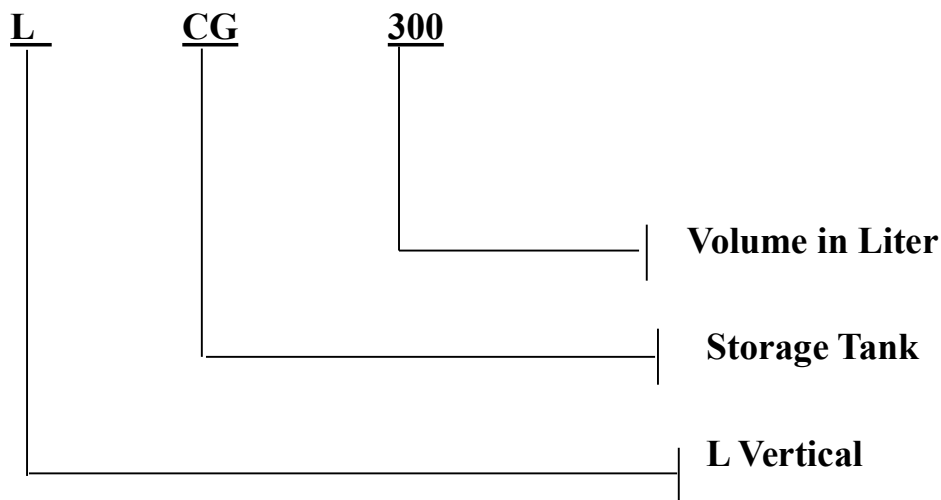
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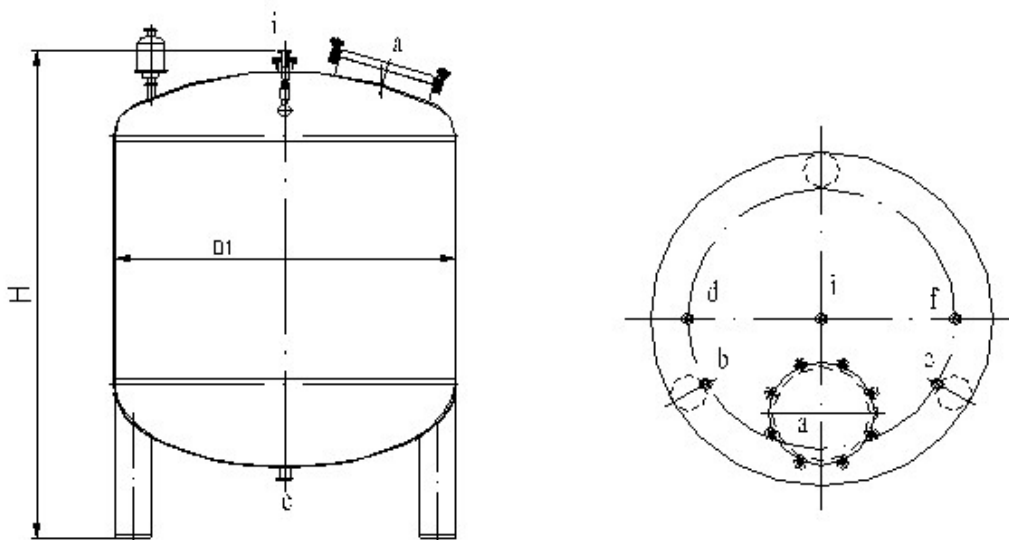
1. Summary

LCG series storage tank is designed and manufactured in accordance with GMP requirements. The tank body is made of stainless steel 304 or 316L, and the inner surface is polished up to Ra0.45 um. The top of the storage tank is equipped with manhole, liquid inlet, reflux port, disinfection port, respirator interface and cleaning inlet. There is an liquid outlet in the bottom. The vertical storage tank of this series can be widely used in medical, health, pharmaceutical and other industries. It is the best choice for intermediate storage equipment. Custom tank is available if there is any special requirement.

2. Mode Specification



3. LCG Series Purified Water Storage Tank Parameter



Remark: The port smaller than Dia. 38 mm will fit an OD 50.5mm snap ring.

MODEL	LCG300	LCG500	LCG1000	LCG2000	LCG3000	LCG4000	LCG5000	LCG30000
Fresh Steam Pressure (Mpa)	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Fresh Steam Pressure (Psi)	< 29	< 29	< 29	< 29	< 29	< 29	< 29	< 29
Fresh Steam Pressure (Bar)	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2
Volume (CBM / Liter)	0.3 / 300	0.5 / 500	1 / 1000	2 / 2000	3 / 3000	4 / 4000	5 / 5000	30 / 30000
Volume (Gallon)	79	132	264	528	792.5	1056.7	1320.8	7925
D1 (Inch / mm)	27.55 / 700	35.43 / 900	47.25 / 1200	55.12 / 1400	63 / 1600	133.86 / 1800	70.87 / 1800	126 / 3200
H (Inch / mm)	63 / 1600	67 / 1700	74 / 1880	84.25 / 2140	96.46 / 2450	102.36 / 2600	118.11 / 3000	196 / 4980
a. Manhole	DN350	DN350	DN350	DN400	DN400	DN400	DN400	DN500
b. Liquid Inlet	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1.25 × 0.0787 In.	Dia. 1.25 × 0.0787 In.	Dia. 1.25 × 0.0787 In.	Dia. 1.496 × 0.0787 In.	Dia. 1.496 × 0.0787 In.	Dia. 4.13 × 0.118 In.
	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 32 × 2 mm	Dia. 32 × 2 mm	Dia. 32 × 2 mm	Dia. 38 × 2 mm	Dia. 38 × 2 mm	Dia. 102 × 3 mm
c. Liquid Outlet	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1.25 × 0.0787 In.	Dia. 1.25 × 0.0787 In.	Dia. 1.25 × 0.0787 In.	Dia. 1.496 × 0.0787 In.	Dia. 1.496 × 0.0787 In.	Dia. 4.13 × 0.118 In.
	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 32 × 2 mm	Dia. 32 × 2 mm	Dia. 32 × 2 mm	Dia. 38 × 2 mm	Dia. 38 × 2 mm	Dia. 102 × 3 mm
d. Air Respirator Inlet	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1.25 × 0.0787 In.	Dia. 1.25 × 0.0787 In.	Dia. 1.25 × 0.0787 In.	Dia. 1.77 × 0.0787 In.
	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 32 × 2 mm	Dia. 32 × 2 mm	Dia. 32 × 2 mm	Dia. 45 × 2 mm
f. Liquid Reflux Inlet	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 3 × 0.118 In.
	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 76 × 3 mm
g. Desinfection Inlet	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1 × 0.0787 In.	Dia. 1.77 × 0.0787 In.
	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 25 × 2 mm	Dia. 45 × 2 mm
i. Cleaning Inlet	Dia. 1.5 × 0.0787 In. (Dia. 38 × 2 mm)							