

**COMMON TANK SIZES**

**API 12F TANK DIMENSIONS**

Nominal Capacity (bbl)	Design Pressure (oz/in <sup>2</sup> )		Working Capacity (bbl) †	Outside Diameter	Height
	Pressure	Vacuum			
90	16	1/2	72	7' 11"	10'
100	16	1/2	79	9' 6"	8'
150	16	1/2	129	9' 6"	12'
200	16	1/2	166	12'	10'
210	16	1/2	200	10'	15'
250	16	1/2	224	11'	15'
300	16	1/2	266	12'	15'
400	16	1/2	366	12'	20'
500	16	1/2	466	12'	25'
500	8	1/2	479	15' 6"	16'
750	8	1/2	746	15' 6"	24'

*Tolerance (all sizes): ±1/8 in. for the outside diameter, ±3/8 in. for height.*

*† The approximate working capacities and heights shown apply to flat-bottom tanks only. Refer to the API 12F standard or contact us for information regarding how cone-bottom designs affect these dimensions.*

**COMMON API 650 SHOP BUILT TANK DIMENSIONS**

Nominal Capacity (bbl)	Design Pressure (oz/in <sup>2</sup> )		Outside Diameter	Height
	Pressure	Vacuum		
1000	8	1/2	15'3"	32'
1000	16	1/2	15'3"	32'
1500	8	1/2	21'6"	24'
1500	16	1/2	21'6"	24'
2000	8	1/2	21'6"	32'
2000	16	1/2	21'6"	32'
2500	8	1/2	23'9"	32'
2500	16	1/2	23'9"	32'
3000	8	1/2	23'9"	37'
3000	16	1/2	23'9"	37'

*NOTE: These sizes for shop built storage tanks are not defined in the API 650 code but are common and accepted across the industry. Tanks with an outside diameter greater than 20' are considered API 650 MOD.*

*Tolerance (all sizes): ±1/8 in. for the outside diameter, ±3/8 in. for height.*

*† The approximate working capacities and heights shown apply to flat-bottom tanks only. Refer to the API 650 standard or contact us for information regarding how cone-bottom designs affect these dimensions.*

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