



IceBank® Energy Storage: Cooling for a Greener, Smarter Future™

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Thermal Energy Storage - ICEBANK Model C

Specifications and Drawings

Download CAD and Revit (BIM) files by clicking on the links below.

TANK MODELS	1082C	1098C	1105C	1190C	1320C	1500C
Drawings	View drawings: 1082C2F 1082C3F 1082C4F, U4F	View drawings: 1098C2F 1098C3F 1098C4F	View drawings: 1105C2F 1105C3F 1105C4F, U4F	View drawings: 1190C2F 1190C3F 1190C4F	View drawings: 1320CSF 1320CRF 1320C4F	View drawings: 1500CSF 1500CRF
	Download CAD drawings: 1082C2F 1082C3F 1082C4F 1082CU4F	Download CAD drawings: 1098C2F 1098C3F 1098C4F	Download CAD drawings: 1105C2F 1105C3F 1105C4F 1105CU4F	Download CAD drawings: 1190C2F 1190C3F 1190C4F	Download CAD drawings: 1320CSF 1320CRF 1320C4F	Download CAD drawings: 1500CSF 1500CRF
	Revit (BIM) Models: Click here for Revit files					
Net-Usable Capacity Ton-Hrs. (kWh) (i)	82 (288)	98 (345)	105 (369)	162 (570)	324 (1140)	486 (1710)
Max. Operating Temp., °F (°C)	100 (38)	100 (38)	100 (38)	100 (38)	100 (38)	100 (38)
Factory Tested Pres., psi (kPa)	250 (1724)	250 (1724)	250 (1724)	250 (1724)	250 (1724)	250 (1724)
Max. Operating Pres., psi (kPa) (ii)	90 (620)	90 (620)	90 (620)	90 (620)	90 (620)	90 (620)
Dimensions (ODxH), in.	--	--	--	--	--	--
Dimensions (WxLxH), in. (mm) (iii)	(2F) 73¾ x 75 x 84½ (1875 x 1900 x 2140) (3F, 4F, U4F) 73¾ x 76½ x 84½ (1875 x 1940 x 2140)	(2F) 89 x 91 x 69½ (2260 x 2310 x 1765) (3F, 4F) 89 x 92 x 69½ (2260 x 2340 x 1765)	(2F) 73¾ x 75 x 101 (1875 x 1900 x 2590) (3F, 4F, U4F) 73¾ x 76½ x 102 (1875 x 1940 x 2590)	(2F) 89 x 91 x 102 (2260 x 2310 x 2590) (3F, 4F) 89 x 92 x 102 (2260 x 2340 x 2590)	(SF) 89 x 180 x 102 (2260 x 4580 x 2590) (RF) 89 x 182 x 102 (2260 x 4620 x 2590)	(SF) 89 x 270 x 102 (2260 x 6860 x 2590) (RF) 89 x 272 x 102 (2260 x 6910 x 2590)
Shipping Weight, lb (kg) (iv)	1065 (485)	1275 (580)	1315 (595)	2000 (910)	4000 (1815)	6000 (2720)

Weight, Filled, lb (kg)	8580 (3890)	10,235 (4645)	10,885 (4935)	16,900 (7665)	34,000 (15,420)	50,600 (22,950)
Floor Loading, lb/sq.ft., (kg/m ²)	286 (1396)	237 (1157)	363 (1772)	391 (1909)	391 (1909)	391 (1909)
Volume Of Water/Ice, Gal (l)	820 (3105)	980 (3710)	1045 (3955)	1655 (6265)	3310 (12,530)	4965 (18,795)
Vol. Solution in HX, Gal (l)	86 (326)	90 (341)	99 (375)	157 (594)	315 (1192)	472 (1787)
Inlet/Outlet Flange Connections. in.	4	4	4	4	4	4
Total Burial Drawing	Full Burial Models 1190XC (2F, 3F, 4F); 1320XC & 1500XC (RF & SF)					

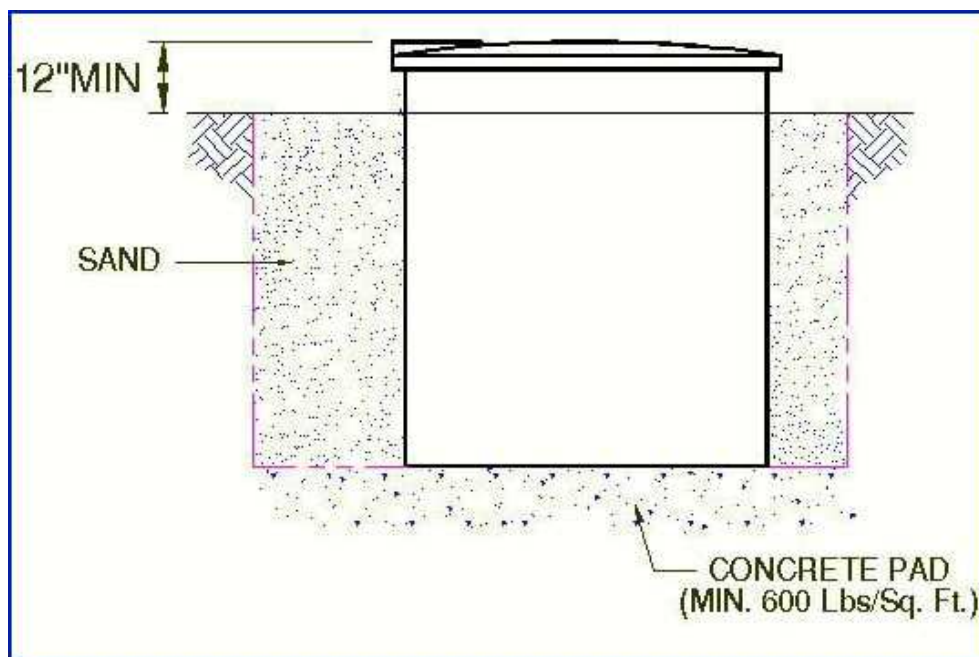
i. Typical value, actual varies with conditions

ii. Consult factory for higher ratings

iii. Tolerance for all dimensions is $\pm 1/2$ " except "L" for Models 1500 and 1320 where ± 1 ".

iv. Shipping weight may vary slightly because of differences in volumes of residual water from hydrostatic test

Partial Burial



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