

BlockICE PLANT TECHNICAL DETAILS

Type 1	Dimension A (m)	No of Tanks	No of Blocks	No of Rows	W	L	H	Volume (m3)	No of Blocks	Chiller Model	No of Chillers
					(mm)	(mm)	(mm)				
5	4	1	14	14	266	140	1,016	0.037836	200	SW 300 MT	1
7.5	7	2	21	14	266	140	1,016	0.037836	300	SW 500 MT	1
10	9	2	29	14	266	140	1,016	0.037836	400	SW 600 MT	1
15	12	1	43	14	266	140	1,016	0.037836	600	SW 2x400 MT	1
20	16	1	57	14	266	140	1,016	0.037836	800	SW 2x600 MT	1
25	20	2	71	14	266	140	1,016	0.037836	1000	SW 2x700 MT	1
30	24	2	86	14	266	140	1,016	0.037836	1200	SW 2 x800 MT	1
40	31	3	114	14	266	140	1,016	0.037836	1600	SW 2x1200 MT	1
50	39	3	143	14	266	140	1,016	0.037836	2000	SW 2x 700 MT	2
100	77	6	286	14	266	140	1,016	0.037836	4000	SW 2x1000 MT	3

Type 2	Dimension A (m)	No of Tanks	No of Blocks	No of Rows	W	L	H	Volume (m3)	No of Blocks	Chiller Model	No of Chillers
					(mm)	(mm)	(mm)				
5	4	1	20	10	190	190	1,117	0.040324	200	SW 100 MT	1
7.5	7	2	30	10	190	190	1,117	0.040324	300	SW 250 MT	1
10	9	2	40	10	190	190	1,117	0.040324	400	SW 300 MT	1
15	12	1	60	10	190	190	1,117	0.040324	600	SW 500 MT	1
20	16	1	80	10	190	190	1,117	0.040324	800	SW 600 MT	1
25	20	2	100	10	190	190	1,117	0.040324	1000	SW 700 MT	1
30	24	2	120	10	190	190	1,117	0.040324	1200	SW 2x400 MT	1
40	31	3	160	10	190	190	1,117	0.040324	1600	SW 2x600 MT	1
50	39	3	200	10	190	190	1,117	0.040324	2000	SW 2x700 MT	1
100	77	6	400	10	190	190	1,117	0.040324	4000	SW 2x700 MT	2

Type 3	Dimension A (m)	No of Tanks	No of Blocks	No of Rows	W	L	H	Volume (m3)	No of Blocks	Chiller Model	No of Chillers
					(mm)	(mm)	(mm)				
5	5	1	10	10	406	185	990	0.074359	100	SW 100 MT	1
7.5	7	2	15	10	406	185	990	0.074359	150	SW 250 MT	1
10	9	2	20	10	406	185	990	0.074359	200	SW 300 MT	1
15	13	1	30	10	406	185	990	0.074359	300	SW 500 MT	1
20	17	1	40	10	406	185	990	0.074359	400	SW 600 MT	1
25	21	2	50	10	406	185	990	0.074359	500	SW 700 MT	1
30	25	2	60	10	406	185	990	0.074359	600	SW 2x400 MT	1
40	33	3	80	10	406	185	990	0.074359	800	SW 2x600 MT	1
50	42	3	100	10	406	185	990	0.074359	1000	SW 2x700 MT	1
100	82	7	200	10	406	185	990	0.074359	2000	SW 2x700 MT	2

Type 4	Dimension A (m)	No of Tanks	No of Blocks	No of Rows	W	L	H	Volume (m3)	No of Blocks	Chiller Model	No of Chillers
					(mm)	(mm)	(mm)				
5	16	1	29	7	559	279	1,194	0.186217	200	SW 100 MT	1
7.5	25	2	43	7	559	279	1,194	0.186217	300	SW 250 MT	1
10	33	3	57	7	559	279	1,194	0.186217	400	SW 300 MT	1
15	49	4	86	7	559	279	1,194	0.186217	600	SW 500 MT	1
20	65	5	114	7	559	279	1,194	0.186217	800	SW 600 MT	1
25	81	7	143	7	559	279	1,194	0.186217	1000	SW 700 MT	1
30	97	8	171	7	559	279	1,194	0.186217	1200	SW 2x400 MT	1
40	129	11	229	7	559	279	1,194	0.186217	1600	SW 2x600 MT	1
50	161	13	286	7	559	279	1,194	0.186217	2000	SW 2x700 MT	1
100	320	27	571	7	559	279	1,194	0.186217	4000	SW 2x700 MT	2