

TYPICAL DIMENSIONS AND SPECIFICATIONS

(SUBJECT TO ALTERATION WITHOUT NOTICE)

MODEL	ICE ACCUMULATION after ~17 h without load		COMPRESSOR(S) CAPACITY 32°C ambient		COOLING/ MELTING CAPACITY 1.5°C water		PUMP 200 kPa head		COMPRESSOR(S) power input 1.5°C water		AGITATOR(S)		CURRENT 380V max.		TANK VOLUME		DIMENSIONS inclusive refrigeration unit(s) length x width x height		MASS approx. machine		CONNECTIOS ISO R7	
	kg	kW	kW	kW	m ³ /h	kW	flow	motor	No. x kW	No. x kW	A	Litre	mm	kg	mm	mm	inlet	outlet				
1B	800	74	4.6	23	14	1,1	1,1	2	-	10	1800	2770 x 770 x 2000	900	2700	50	32						
60	1300	121	7.6	38	7	1,1	1,1	3,6	3	19	4800	3805 x 1305 x 2200	1400	6200	50	32						
100	1500	140	8.3	44	8	1,1	1,1	3,6	3	20	4800		1600	6400	50	32						
120	2200	205	12	67	12	1,1	1,1	5,6	3	27	5900	5055 x 1305 x 2300	2200	8100	50	32						
300	3700	344	20	116	20	3	3	9,6	3	44	10200	6310 x 1605 x 2500	3000	13200	50	40						
400	4800	446	27	145	25	3	3	1 x 5,6 1 x 7,3	2 x 3	58	12900	6310 x 1990 x 2500	3800	16700	2 x 50	40						
500	5800	540	32	182	31	3	3	2 x 7,3	2 x 3	72	17100	6310 x 2380 x 2500	4500	21600	2 x 50	40						
600	6900	642	39	212	36	4	4	2 x 9,6	4 x 3	90	18400	6310 x 2765 x 2500	5300	23700	2 x 50	40						
700	8000	744	47	244	42	5,5	5,5	3 x 7,3	4 x 3	100	21100	6310 x 3150 x 2500	6200	27300	2 x 50	50						
900	10000	930	60	300	54	5,5	5,5	3 x 9,6	4 x 3	140	26300	7500 x 3150 x 2500	7500	33800	2 x 65	65						
1100	12600	1180	78	350	66	7,5	7,5	5 x 7,3	4 x 3	165	26300	7500 x 3150 x 2750	9000	35300	2 X 80	80						

COMPONENTS

- Stainless steel grade 304 tank, insulated with high density polyethylene foam.
- Mild steel frame constructed from heavy gauge tubing, plus galvanised covers.
- Direct expansion galvanised freezer plates.
- Refrigeration (condensing) unit(s) consisting of compressor, condenser coil of copper tubes mechanically expanded into aluminium fins, and refrigerant receiver.
- Impeller type agitator(s) (1B 100/700).
- Close-coupled centrifugal water pump with suction strainer/foot valve.
- Ice thickness thermostat controlling ice build-up on freezer plates. (2 settings)
- Indication of ice water temperature.

OPTIONS

- Flashing light in case of failure.
- Compressor hour meter(s).
- Suction and discharge gauge with shut-off valves.
- On/off switch with auto-position for remote control of pump/agitator(s).
- Stand-by pump and selector switch.
- Automatic change-over in case of pump failure.
- Multiple INDEPENDENT refrigeration units (1B 100/300).
- Single phase and low voltage protection.

INSTALLATIONS

- All ice builders are assembled, internally wired and charged with refrigerant R22 at the factory.
- All that is required on site are water pipe connections and wiring to the mains power supply and a straight slab to carry the operating weight.