

FRIGAIR

FRIGAIR SDN BHD

We Trust On Quality More Than Quantity



[SMT] Series

FRIGAIR

'FRIGAIR' Unit Cooler- SMT Series

6 Fin/ Inch.

[Evaporating Temperature: @-5°C Et.ΔT 8°C - Chiller Air Defrost]

MODEL	CAPACITY (BTU/HR)	NO.FAN			MOTOR SIZE		AIRTHROW (FT)	ELECTRIC HEATER (WATTS)	VOLTAGE (V)
		NO.	DIA (INS)	M3/HR	WATTS	RPM			
SMT 1 - 6 H	1,530	1	9	540	15	1,400	11.5	-	240
SMT 2 - 6 H	2,430	1	9	490	15	1,400	11.5	-	240
SMT 3 - 6 H	2,800	1	9	550	15	1,400	13.0	-	240
SMT 4 - 6 H	4,770	2	9	954	15	1,400	13.0	-	240
SMT 5 - 6 H	5,500	2	9	1,080	15	1,400	15.0	-	240
SMT 6 - 6 H	6,434	2	9	1,152	15	1,400	15.0	-	240
SMT 7 - 6 H	8,180	3	9	1,620	15	1,400	16.5	-	240
SMT 8 - 6 H	9,460	3	9	1,728	15	1,400	16.5	-	240

[Evaporating Temperature: @-25°C Et.ΔT 7°C - Freezer Electric Defrost]

MODEL	CAPACITY (BTU/HR)	NO.FAN			MOTOR SIZE		AIRTHROW (FT)	ELECTRIC HEATER (WATTS)	VOLTAGE (V)
		NO.	DIA(INS)	M3/HR	WATTS	RPM			
SMT 1 - 6 L	1,040	1	9	540	15	1,400	11.5	550	240
SMT 2 - 6 L	1,650	1	9	490	15	1,400	11.5	550	240
SMT 3 - 6 L	1,910	1	9	550	15	1,400	13.0	700	240
SMT 4 - 6 L	3,246	2	9	954	15	1,400	13.0	900	240
SMT 5 - 6 L	3,740	2	9	1,080	15	1,400	15.0	1,000	240
SMT 6 - 6 L	4,377	2	9	1,152	15	1,400	15.0	1,000	240
SMT 7 - 6 L	5,565	3	9	1,620	15	1,400	16.5	1,400	240
SMT 8 - 6 L	6,435	3	9	1,728	15	1,400	16.5	1,400	240

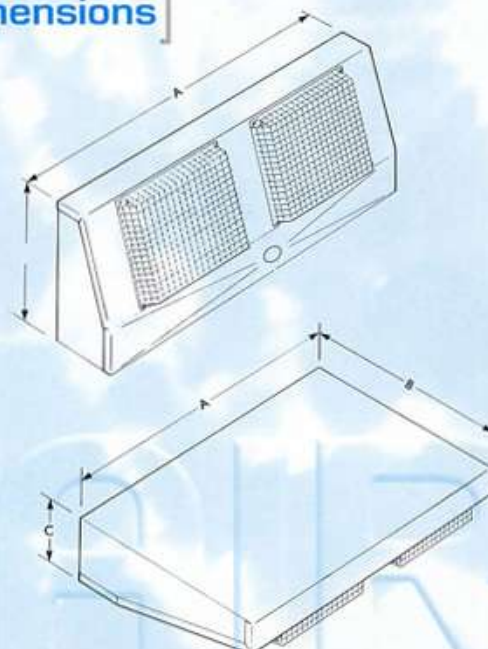
CAPACITY CORRECTION FACTORS

EVAPORATING TEMPERATURE °C											
ΔT°C	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
6	0.73	0.79	0.83	0.86	0.87	0.88	0.89	0.97	1.12	1.13	1.13
7	0.83	0.90	0.96	1.00	1.02	1.04	1.05	1.20	1.32	1.32	1.32
8	0.93	1.03	1.10	1.15	1.18	1.21	1.21	1.47	1.52	1.52	1.53
9	1.03	1.14	1.21	1.27	1.30	1.34	1.34	1.70	1.71	1.72	1.72
10	1.12	1.25	1.34	1.40	1.44	1.48	1.51	1.90	1.90	1.91	1.92

MODEL	A	mm B	C
TG1	525	375	180
TG2	525	375	180
TG3	690	375	180
TG4	865	375	180
TG5	1120	375	180
TG6	1120	375	230
TG7	1528	375	180
TG8	1528	375	230

TXV CONN. INLET X OUTLET (INS)	DRY WTG (KG)
3/8 x 3/8	7.30
3/8 x 3/8	8.20
3/8 x 3/8	9.80
3/8 x 1/2	14.20
3/8 x 1/2	16.40
1/2 x 5/8	19.40
1/2 x 7/8	22.60
1/2 x 7/8	26.90

Dimensions



Refrigerant	R-22	R-12 / R-134A	R-502 / R-404A
Correction Factor	1.0	0.93	0.97

Rating Conditions

ΔT₁ : These figures is obtained from the difference between air-on temperature and refrigerant evaporating temperature.

Correction Factor : For other temperature differences and evaporating temperatures, multiply the basic rating by the relevant capacity correction factor shown in the tables.

Malaysia Office:

FRIGAIR SENDIRIAN BERHAD

No. 12, Jalan Dewani, Off Jalan Tampoi, 81100 Johor Bahru, Johor, Malaysia.
Tel: 603-78747010, 603-3336915 Fax: 603-78762232

Email: frigair@hotmail.com/frigair@tm.net.my

CENTURY EQUIPMENT SENDIRIAN BERHAD

No. 6, Jalan 20/16A, Paramount Garden, 46300 Petaling Jaya, Malaysia.
Tel: 603-78747010, 603-78766118 Fax: 603-78762232

Email: century6@tm.net.my/centuryeg@hotmail.com

Singapore Office:

CENTRAL REFRIGERATION & AIRCOND PTE. LTD.

136, Rangoon Road, Singapore 218414.

Tel: 65-2920011(6 Lines) Fax: 65-2951733 Email: centralsin@pacific.com.sg