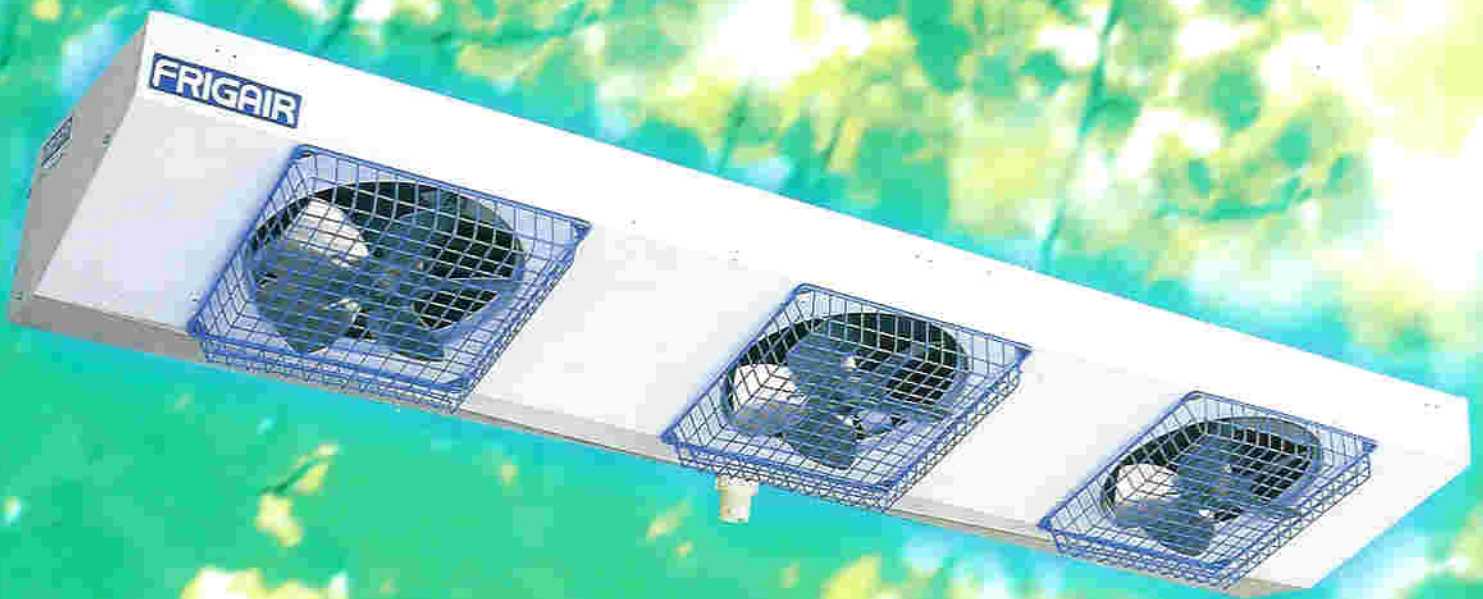


**FRIGAIR**

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

ΔT°C	EVAPORATING TEMPERATURE °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	0.91	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	0.83	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	min 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	9.60
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

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

### Rating Conditions

ΔT: These figures is obtained from the difference between air-in 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:

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## Dimensions

