

Rooftop Packaged Units

Climatcool U.S.A.
Hi-Tech Airconditioning



4.0 - 15.0 Ton



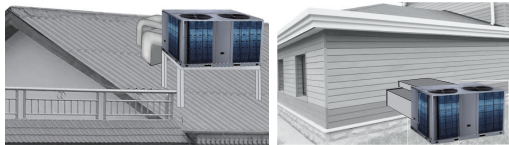
17.5 & 20 Ton



25.0 & 30.0 Ton

Design Flexibility >>

- ▶ Compact design.
- ▶ Flanges of air flow inlet and outlet as standard.
- ▶ It is suitable for installation in rooftop and ground.



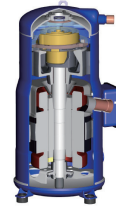
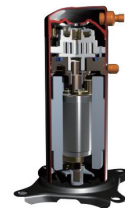
Design Flexibility >>

- ▶ Pre-painted exterior cabinet panels pass 1000Hrs. Salt Spray test for durability.
- ▶ Weather-resistant construction w/ capped steams & sloped top panels.
- ▶ G90 Galvanized heavy gauge plate conforming to ASTM-A-653.



Reliable Scroll Compressor >>

- ▶ Famous brand compressor: Copeland, Danfoss & Hitachi.
- ▶ No complex internal suction & discharge valves for quieter operation & higher reliability.
- ▶ Compact, light-weight design, & fewer moving parts design.



Multi-protection Design >>

- ▶ Multi-measurement to ensure units operate normally & reliability: System Current Protection, High/ Low pressure switch protection, temperature sensor on/off protection, etc.
- ▶ Three-phase protection can be customized.



HP/LP switch



Temperature sensor

Rooftop Packaged Units

Specification



Unit Model		SMRCT-48CWN-R(C)	SMRCT-60CWN-R(C)	SMRCT-62CWN-R(C)	SMRCT-075CWN-R(D)	
Power Supply		V,Hz,Ph 380-415V/ 50Hz/ 3Ph				
Cooling	Capacity (T1/T3)	Btu/h	48000/38908	58000/47782	75000/61433	89000/69625
		Kw	14.1/11.4	17.0/14.0	22.0/18.0	26.1/20.4
	Power Input (T1/T3)	Kw	4.1/4.77	4.99/5.87	6.4/7.4	7.6/8.5
	EER (T1/T3)	(Btu/H)/W	11.7/8.1	11.6/8.1	11.7/8.3	11.7/8.2
	Controller	Type	Wired Controller (KJR-12B/dP(T)-E			
Fans	Air Flow (H/M/L)	cfm	1750	2000	2800	2830
	ESP	Pa	75	75	80	80
	Indoor Fan (Drive Type / Qty.)		Direct / 1	Direct / 1	Direct / 1	Direct / 1
	Outdoor Fan (Drive Type / Qty)		Direct / 1	Direct / 1	Direct / 1	Direct / 1
Compressor		Type	Scroll	Scroll	Scroll	Scroll
	Compressor	Brand	Copeland	Copeland	Copeland	Danfoss
		Qty.	1	1	1	1
	Refrigerant/ Flow Control	Type	R-410a / Orifice			
Others	Net Dimension (WxHxD)	mm±5	1310x840x900	1310x840x900	1475x840x1130	1475x840x1130
	Packing Dimension	mm±5	1332x865x935	1332x865x935	14975x867x1152	1492x1248x1146
	Weight (Net/ Gross)	Kg	223/228	231/236	223/228	231/236
Stuffing Quantity (20/40/40H)	Pcs.	22/?/64	22/?/64	12/24/1948	12/24/48	
Unit Model		SMRCT-85CWN-R(C)	SMRCT-100CWN-R(C)	SMRCT-125CWN-R(C)	SMRCT-150CWN-R(C)	
Power Supply		V,Hz,Ph 380-415V/ 50Hz/ 3Ph				
Cooling	Capacity (T1/T3)	Btu/h	103000/80887	120000/100341	15000/125400	180000/146000
		Kw	30.2/23.7	35.2/29.4	44.0 / 36.8	52.8 / 42.8
	Power Input (T1/T3)	Kw	8.8/10.0	10.3/12.3	13.0 / 15.5	15.9 / 18.5
	EER (T1/T3)	(Btu/H)/W	11.7/8.1	11.7/8.2	11.5 / 8.1	11.3 / 7.9
	Controller	Type	Wired Controller (KJR-12B/dP(T)-E			
Fans	Air Flow (H/M/L)	cfm	3500	4100	5500	7000
	ESP	Pa	80	90	110	110
	Indoor Fan (Drive Type / Qty.)		Belt / 1	Belt / 1	Belt / 1	Belt / 1
	Outdoor Fan (Drive Type / Qty)		Direct / 1	Direct / 1	Direct / 1	Direct / 1
Compressor		Type	Scroll	Scroll	Scroll	Scroll
	Compressor	Brand	Copeland	Copeland	Copeland	Copeland
		Qty.	1	1	2	2
	Refrigerant/ Flow Control	Type	R-410a / Orifice			
Others	Net Dimension (WxHxD)	mm±5	1483x1138x1231	1483x1138x1231	1965x1230x1130	1965x1230x1130
	Packing Dimension	mm±5	1492x1248x1146	1492x1248x1146	1990x1260x1140	1990x1260x1140
	Weight (Net/ Gross)	Kg	302/313	323/335	433 / 453	470 / 490
Stuffing Quantity (20/40/40H)	Pcs.	8/16/32	8/16/32	6/12/24	6/12/24	
Unit Model		SMRCT-175CWN-R(C)	SMRCT-200CWN-R(D)	SMRCT-250CWN-R(D)	SMRCT-300CWN-R(D)	
Power Supply		V,Hz,Ph 380-415V/ 50Hz/ 3Ph				
Cooling	Capacity (T1/T3)	Btu/h	208000/184000	240000/199800	300000/251700	360000/336300
		Kw	61.0 / 539.	70.3 /58.6	87.9 / 73.8	105.5 / 98.6
	Power Input (T1/T3)	Kw	18.4 / 22.8	21.6 / 25.1	27.5 / 32.4	33.3 / 42.6
	EER (T1/T3)	(Btu/H)/W	11.3 / 8.1	11.1 / 8.0	10.9 / 7.8	10.8 / 7.9
	Controller	Type	Wired Controller (KJR-12B/dP(T)-E			
Fans	Air Flow (H/M/L)	cfm	7600	8800	10000	12000
	ESP	Pa	110	120	130	270
	Indoor Fan (Drive Type / Qty.)		Belt / 1	Belt / 1	Belt / 1	Belt / 1
	Outdoor Fan (Drive Type / Qty)		Direct / 2	Direct / 2	Direct / 2	Direct / 2
Compressor		Type	Scroll	Scroll	Scroll	Scroll
	Compressor	Brand	Copeland	Copeland	Danfoss	Danfoss
		Qty.	2	2	2	2
	Refrigerant/ Flow Control	Type	R-410a / Orifice			
Others	Net Dimension (WxHxD)	mm±5	2192x1247x1670	2192x1247x1670	2220x1245x2320	2220x1245x2320
	Packing Dimension	mm±5	2212x1284x1695	2212x1284x1695	2230x1275x2330	2230x1275x2330
	Weight (Net/ Gross)	Kg	590 / 620	670 / 700	895 / 925	910 / 940
Stuffing Quantity (20/40/40H)	Pcs.	3/7/14	3/7/14	2/5/10	2/5/10	

Note:

- The Above design and specification are subject to change without prior notice.
- Cooling conditions; T1: Indoor air temp. 27°C DB/19°C WB, Outdoor air temp. 35°C Db.
T3: Indoor air temp.27°C DB/19°C WB, Outdoor air temp. 46°C Db.

3. Made in Malaysia & China are available