



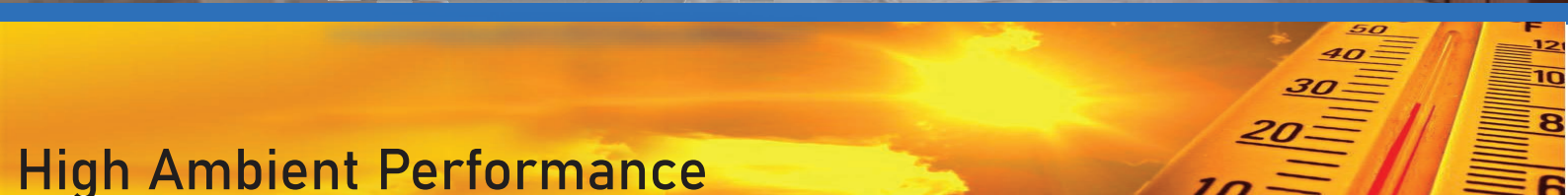
DIAKOOL

AIR CONDITIONERS

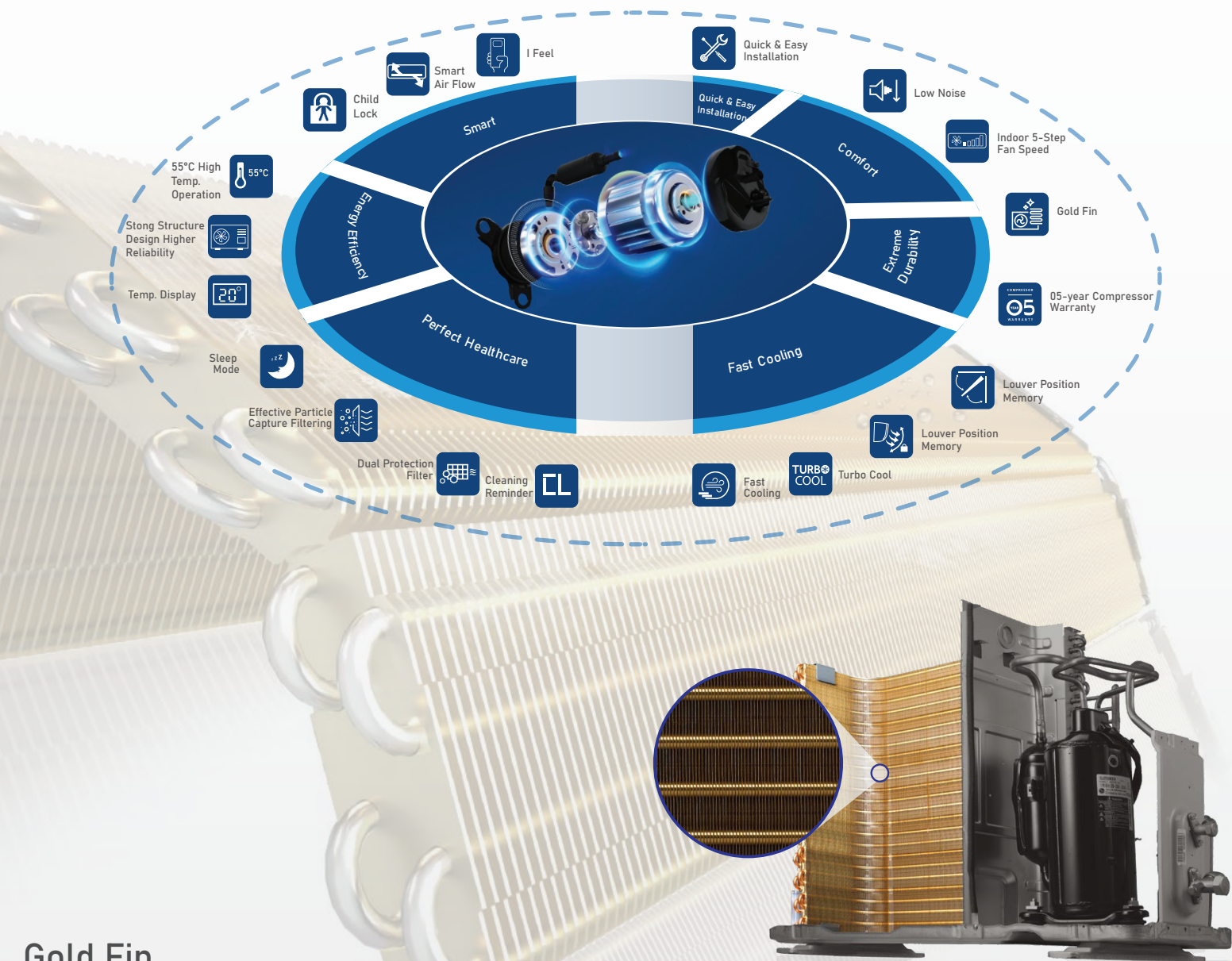


SPLIT AIR CONDITIONER





High Ambient Performance



Gold Fin

The Gold Fin coating protects the heat exchanger's surface from unwanted wear and corrosion.

* Specifications may vary for each model.

* Depending on the experimental conditions.



Silent Design



Silent Design

Comprehensive performance optimization low noise design, Create quite space, and help you sleep better



Sleep Mode

Sleep mode is a low-power mode, it control the room's temperature in sleep mode and raise it by 0.5 to 1 degree Celsius in an hour, up to a maximum of 3 degree Celsius per hour.



Louver Position Memory

Louver will be restored to the previous position when the unit is restarted



I Feel

Temperature sensor built in the remote controller will sense its surrounding temperature. So the unit can adjust room temperature more accurately and make you more comfortable.



5 Step fan speed

Works at powerful/high/middle/low/quiet speed to give users more choices in airflow control.



Technical Specification



Gold Fin



Turbo Cool



Stong Structure
Design Higher
Reliability



Indoor 5-Step
Fan Speed



Quick & Easy
Installation



DIAKOOL Split Room Air Conditioner				Model No.	DK-12ST3	DK-18ST3	DK-24ST3	DK-30ST3	DK-36ST3
				Capacity	12000BTU	18000BTU	24000BTU	30000BTU	36000BTU
Power supply source				V/Ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Nameplate Parameter	Cooling (T1)	Rated Capacity	Btu/h	12,200	18,000	22,500	29,800	33,000	
			W	3,576	5,275	6,594	8,734	9,672	
		Power Consumption	W	1,030	1,488	1,891	2,504	2,821	
		Running Current	A	4.7	6.8	8.6	11.4	12.8	
		EER Cooling	Btu/h/W	11.85	12.10	11.90	11.9	11.7	
	Cooling (T3)	Rated Capacity	Btu/h	10,600	16,000	20,000	27,600	29,200	
			W	3,107	4,689	5,862	8,089	8,558	
		Power Consumption	W	1,241	1,818	2,247	3,063	3,241	
		Running Current	A	5.6	8.3	10.2	13.9	14.7	
		EER Cooling	Btu/h/W	8.54	8.80	8.90	9.01	9.01	
	Rated Input Power		W	1,600	2,400	2,900	3,900	4,200	
	Rated Input Current		A	7.9	11.9	14.2	18.2	19.5	
	Air Flow Volume		m3/h	580	1200	1650	2300	2650	
	Refrigerant		R410A						
	Max. Discharge Pressure		Mpa	4.15	4.15	4.15	4.15	4.15	
	Max. Suction Pressure		Mpa	1.15	1.15	1.15	1.15	1.15	
	Noise level (indoor)		dB(A)	38	47	47	48	48	
	Noise level (outdoor)		dB(A)	52	55	56	58	60	
Indoor unit weight (Net)		Kg	8	15	15	22	23.5		
Outdoor unit weight (Net)		Kg	28	40	47	57	60		
Indoor unit configuration	Evaporator	Tube	Material	Inner-grooved copper					
		Fin	Material	Hydrophilic aluminum foil					
	Dimension	Net Dimension Packing Dimem. (Wx D x H)	mm	800*190*292 865*265*350	1043*220*320 1135*305*395	1043*220*320 1135*305*395	1359*367*270 1448*451*366	1359*367*270 1448*451*366	
Outdoor unit configuration	Connect pipe		Liquid	mm (inch)	φ6.0 (1/4")	φ6.0 (1/4")	φ6.0 (1/4")	φ 6.0 (1/4")	φ 6.0 (1/4")
			Gas	mm (inch)	φ12 (1/2")	φ12 (1/2")	φ15.88 (5/8")	φ15.88 (5/8")	φ15.88 (5/8")
	Compressor Parameter		Type	ROTARY					
			Brand	GMCC				GREE	
	Condenser	Tube	Material	Inner-grooved copper					
		Fin	Material	Hydrophilic aluminum foil					
	Dimension	Net Dimension Packing Dimem. (Wx D x H)	mm	804*306*555 840*355*610	860*350*557 910*400*630	920*383*675 980*430*700	925*365*795 1060*500*870	925*365*795 1060*500*870	
Features		Washable PP Filter		•	•	•	•	•	
		24 Hours Timer		•	•	•	•	•	
		Memory		•	•	•	•	•	
		Vertical Auto Swing Louver		•	•	•	•	•	
		Horizontal Auto Swing Louver		•	•	•	•	•	
		Sleep mode		•	•	•	•	•	
		Turbo		•	•	•	•	•	
		Mute		•	•	•	•	•	
		Auto Restart		•	•	•	•	•	

Notes:

1) T1 conditions: Indoor Air Temperatures 27°C (DB) / 19°C (WB) and Outdoor Air Temperatures 35°C (DB) / 24°C (WB)

2) T3 conditions: Indoor Air Temperatures 29°C (DB) / 19°C (WB) and Outdoor Air Temperatures 46°C (DB) / 24°C (WB)