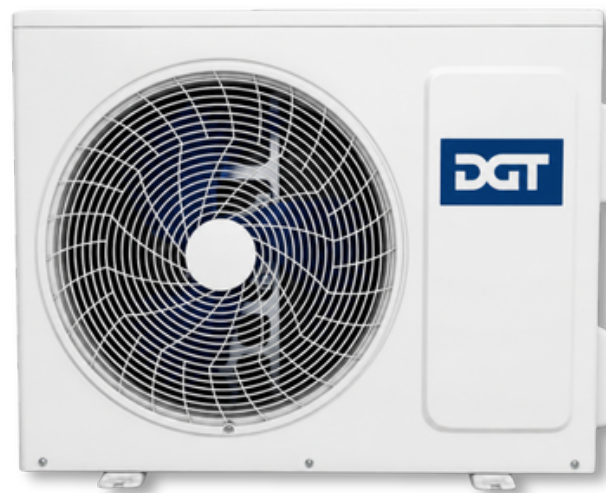


DGT AIR Nordic Plus 12" Inverter



Series Overview

The DGT Nordic Plus 12" Inverter Air Conditioner is designed for efficient year-round heating and cooling, offering high energy efficiency and reliable performance in demanding climate conditions.

With advanced compressor technology, air purification features, and Wi-Fi control, it is suitable for residential and light commercial applications such as apartments, offices, and retail spaces.

Functions

Refrigerant R32

Environmentally friendly refrigerant with higher efficiency and lower global warming potential.

Energy Efficiency: A++ / A+++

Ensures reduced energy consumption and lower operating costs.

Operating Range: -20°C to +53°C

Provides reliable heating and cooling performance in extreme weather conditions.

Sterilization: 57°C

High-temperature self-cleaning function that reduces bacteria and internal moisture.

Filter: 3-in-1

Multi-layer filtration designed to capture dust and airborne particles.

Active Neutralization of Viruses, Bacteria and Odors

Improves indoor air quality by reducing harmful microorganisms and unpleasant smells.

Heat Exchanger Protection: Gold Fin

Anti-corrosion coating that increases durability and maintains heat exchange efficiency.

Control: Wi-Fi Connectivity

Allows remote operation and monitoring via mobile application.

Warranty: 6 Years

Provides extended product reliability and long-term support.

Cold Climate Operation Technology

Advanced compressor temperature stabilization with intelligent self-heating, combined with an outdoor unit drain pan heater, ensuring reliable and energy-efficient operation in winter conditions.

4D Airflow Technology

The 4D Airflow system automatically controls both horizontal and vertical louvers, ensuring even air distribution throughout the room. This technology enhances comfort by delivering balanced airflow to every corner while maintaining optimal temperature consistency.

Technical specification

Climate type			T1	
Power supply		Ph-V-Hz	1PH/220~240V/50HZ	
Type			Split	
Power Supply Mode			Outdoor	
Control type			Remote	
Cooling	Capacity	W	3500(660-3700)	
	Power Input	W	1190(250-1600)	
	Rated Current	A	5.5(1.1-9.6)	
	SEER	W/W	6,10	
Energy Level-Cooling			A++	
Heating	Capacity	W	3500(660-3800)	
	Power Input	W	950(250-1600)	
	Rated Current	A	4.4(1.1-10.0)	
	SCOP	W/W	4,00	
Energy Level-Heating			A+ (Average Season)	
Pdesignc		W	3200	
Pdesignh		W	2500/2500	
Moisture removal		L/h	1,1	
Max. input consumption		W	1600	
Max. current		A	10	
Compressor	Model		KSN98D21UEZ31	
	Type		Rotary	
	Brand		GMCC	
	Capacity	W	3065	
	Input	W	785	
	Rated current(RLA)	A	4.85	
	Locked rotor Amp(LRA)	A	/	
	Capacitor	uF	/	
	Oil Type	ml	ESTER OIL VG74 280ml	
Indoor unit	Indoor fan motor	Model	RPG15(AL)/Y4S476A762L/RPG15A(AL)/RPG15K/RA15L	
		Brand	Welling/Broad-Ocean/LT/Tongde	
		Power output	watts	15/18
		Capacitor	uF	1,2
	Motor speed (TU/Hi/Mi/Lo)	RPM	1320/1250	
	Fan	Indoor fan Diameter	mm	Φ90.4*609
	Indoor air flow		m3/h	550/500/450/400
	Sound Pressure Level (Super/Hi/Mi/Lo)		dB(A)	42/40/38/36
	Sound Power Level (Super/Hi/Mi/Lo)		dB(A)	52/50/48/42
	Net/Gross Weight		kg	7.5/9.3
	Unit dimension (W*H*D)		mm	805*270*200
	Packing (W*H*D)		mm	864*331*265

Outdoor unit	Outdoor fan motor	Model		ZKFN-25-10-16L
		Brand		Welling
		output power	Watt	25
		Capacitor	uF	/
	Fan	Motor speed	Rpm	900
		Diameter	mm	Φ355*138
		No. of Blade	Pieces	3
		Sound Pressure Level	dB(A)	52
		Sound Power Level	dB(A)	64
		Net/Gross Weight	kg	22.8/25
		Unit dimension (W*H*D)	mm	660*530*250
		Packing (W*H*D)	mm	768*573*326
		Refrigerant type		R32
	Refrigerant charge	Kg	0.63	
Refrigerant pipe	Liquid side	Inches	1/4	
	Gas side	Inches	3/8	
	Max. refrigerant pipe length	m	25	
	Max. difference in level	m	10	
Ambient temperature	Outdoor	°c	Cooling:16~52/Heating:-15~24	
	Indoor	°c	Cooling:17~32/Heating:0~30	