

Wall-Mounted Ductless Split Air Conditioner Series

Engineered for sustained thermal comfort, quiet acoustics, and rapid climate cooling. Available in both advanced **Variable-Speed Inverter** and robust **Fixed-Speed (Normal)** configurations for homes, offices, healthcare, and retail spaces.

24 dB(A)

Ultra-Quiet Sleep Mode

Up to 50%

Inverter Energy Savings

100% Copper

Grooved Condenser Coils

R32 / R410A

Eco-Safe Refrigerants



Aerodynamic Indoor Profile & 4-Way Air Delivery

Curved low-profile chassis with concealed LED digital temperature read-out, motorized horizontal and vertical louvres, and multi-stage filtration to eliminate airborne dust, pollens, and lingering odors.

Technology Comparison: Inverter vs. Normal Type

SELECTION MATRIX

KEY PARAMETER	INVERTER TECHNOLOGY	NORMAL (FIXED SPEED) TYPE
Compressor Action	Variable Speed BLDC Twin Rotary	Constant Single Speed (On/Off Cycle)
Energy Efficiency	Consumes 40%–50% less power	Standard rated power draw
Thermal Stability	Continuous modulation ($\pm 0.5^{\circ}\text{C}$ exact)	Cyclic temperature fluctuations ($\pm 2.0^{\circ}\text{C}$)
Chilling Speed	High-frequency initial turbo ramp-down	Standard fixed-displacement run rate
Best Suited For	Bedrooms, Living Rooms, High-run Offices	Meeting rooms, guest cabins, server bays
Capital Investment	Moderate upfront; low lifecycle bills	Budget-friendly immediate purchase price

1. Inverter Series (Variable Speed Cooling & Heat-Pump)				HIGH EFFICIENCY
Specification	1.0 Ton (12,000 BTU)	1.5 Ton (18,000 BTU)	2.0 Ton (24,000 BTU)	
Cooling Capacity Range	3,400 – 13,000 BTU/h	5,100 – 19,500 BTU/h	6,800 – 26,000 BTU/h	
Electrical Power Input	980 W (250 – 1,400 W)	1,450 W (380 – 2,100 W)	1,950 W (520 – 2,750 W)	
Indoor Sound Level (H/M/L)	38 / 31 / 24 dB(A)	41 / 34 / 27 dB(A)	45 / 38 / 31 dB(A)	
Airflow Volume (High)	550 m³/h (324 CFM)	820 m³/h (482 CFM)	1,100 m³/h (647 CFM)	
Refrigerant / Charge	Eco-Friendly R32	Eco-Friendly R32	Eco-Friendly R32	
Piping Size (Liquid / Gas)	1/4" & 3/8"	1/4" & 1/2"	1/4" & 5/8"	
Recommended Room Floor Area	100 – 150 sq. ft.	150 – 230 sq. ft.	230 – 320 sq. ft.	
2. Normal / Non-Inverter Series (Fixed Speed Heavy-Duty)				STANDARD UTILITY
Specification	1.0 Ton (12,000 BTU)	1.5 Ton (18,000 BTU)	2.0 Ton (24,000 BTU)	
Rated Cooling Capacity	12,000 BTU/h (3.52 kW)	18,000 BTU/h (5.28 kW)	24,000 BTU/h (7.03 kW)	
Electrical Power Input	1,180 W	1,750 W	2,300 W	
Indoor Sound Level (H/M/L)	40 / 35 / 29 dB(A)	43 / 38 / 32 dB(A)	47 / 42 / 36 dB(A)	
Airflow Volume (High)	520 m³/h (306 CFM)	780 m³/h (459 CFM)	1,020 m³/h (600 CFM)	
Refrigerant Type	R410A / R32	R410A / R32	R410A / R32	
Piping Size (Liquid / Gas)	1/4" & 3/8"	1/4" & 1/2"	1/4" & 5/8"	
Recommended Room Floor Area	100 – 140 sq. ft.	140 – 210 sq. ft.	210 – 300 sq. ft.	

Hydrophilic Gold/Blue Fin

Advanced anti-corrosive epoxy coat prevents moisture accumulation, salt-mist oxidation, and acidic coil decay.

Auto-Restart & Memory Restore

Preserves previous thermostat, vane position, and fan speed settings in the event of an unplanned power cut.

Smart Self-Diagnosis

Instantaneous microprocessor alert system detects refrigerant leakages and presents diagnostic codes.

Turbo Rapid Chill & Dry Mode

Maximizes volumetric air delivery for instantaneous relief, with dedicated humidity extraction for monsoon months.

DYNAMIC AIR SOLUTIONS PVT. LTD.

Complete Air Conditioning Solutions • Sales, Turnkey Installation, Preventative AMC & HVAC Ducting

Inquiries & Site Surveys
Authorized HVAC
Specialists