

# Mega Flex 1 Ton Inverter Split Air Conditioner

## Key Specifications

- **Capacity:** 1 Ton ( $\approx 12,000$  BTU/h)
  - **Function:** Heat & Cool (reversible)
  - **Technology:** DC Inverter Rotary Compressor
  - **Cooling Range:** Works up to  $\sim 52$  °C outdoor temperature
  - **Heating Range:** Works down to  $-10$  °C outdoor temperature
  - **Running Current:** Cooling  $\sim 5.1$  A | Heating  $\sim 5.4$  A
  - **Refrigerant:** R-32 (eco-friendly)
  - **Indoor Unit Dimensions:**  $\sim 805 \times 270 \times 190$  mm ( $\approx 8$  kg)
  - **Outdoor Unit Dimensions:**  $\sim 864 \times 265 \times 332$  mm ( $\approx 24.5$  kg)
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## Main Features

- **4D Airflow** – Vertical + horizontal swing for uniform air distribution.
  - **Self-Cleaning (Auto Clean)** – Prevents dust, bacteria, and mold buildup on coils.
  - **Gen Mode** – Allows power/current control (30% / 50% / 70%) for running on generators or limited supply.
  - **6-in-1 Health Filters** – Photocatalyst, Active Carbon, Anti-Dust Static, Catechin, Silver Ion, Vitamin C filters.
  - **Gold Fin Coating** – Anti-corrosion and better heat transfer on fins.
  - **Fast Cooling (Turbo Mode)** – Rapid cooling on demand.
  - **Sleep Mode** – Optimized comfort and energy saving during night.
  - **Auto Restart** – Resumes previous settings after power outage.
  - **Quiet Operation** – Lower fan noise levels for comfort.
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## Price & Warranty

- **Price in Pakistan:** PKR 125,000 – PKR 140,000 (varies by retailer)
  - **Warranty:** 12 years compressor warranty, 3–4 years PCB/parts (depending on seller).
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## Pros

- All-season use (cooling + heating).

- Energy efficient with inverter + Gen Mode.
- Excellent air filtration and self-cleaning for healthier air.
- Gold Fin coating enhances durability in humid or coastal climates.
- Reliable backup with auto-restart and multiple power modes.

## **Possible Limitations**

- Higher upfront cost compared to non-inverter models.
- Actual performance depends on installation quality and room insulation.
- Noise level details not fully specified by manufacturer.