

## Product 14: ATEX Ducted Air Conditioner

### [Product Photos]

### [Short Desc (two Paragraphs)]

The ATEX Ducted Air Conditioner - Ex-M Best Buy Series - Type ExM DUBB26-250 is engineered to provide explosion-proof air conditioning solutions for hazardous environments. This Ex Proof air conditioning unit is certified for ATEX zone 2 (3G) and zone 22 (3D), ensuring safe operation in industries such as oil and gas, chemical, and food and beverage. With its advanced cooling technology and robust construction, it delivers exceptional performance and reliability, maintaining safety and comfort in demanding conditions. Select the ducted unit for its ability to deliver consistent and powerful cooling throughout multiple rooms via ductwork, making it suitable for extensive and complex installations.

Built upon Samsung's commercial air conditioning technology, the Ex-M Best Buy Series Ducted Air Conditioner offers enhanced features tailored for hazardous areas. These include advanced corrosion protection, technical cooling functions, and seamless integration with industrial control systems. This explosion-proof air conditioner is designed to withstand harsh environments while providing efficient and consistent climate control.

### [Table Explosion Protection Specs]

EU Directive	2014/34/EU (ATEX114)
ATEX marking gas (indoor unit)	3G Ex h ic nAC IIB (+H2) T4 Gc
ATEX marking gas (outdoor unit)	II 3G Ex h nAC IIB (+H2) T3 Gc
ATEX marking dust (indoor unit)	II 3D Ex tc h IIIB T140°C Dc
ATEX marking dust (outdoor unit)	II 3D Ex tc h IIIB (+H2) T150°C Dc
Applied standards	EN 60079-0, EN 60079-11, EN 60079-15, EN 60079-31, EN 80079-36, EN 80079-37

### [Key Features Bulletpoints]

- Certified for ATEX zone 2 and zone 22 environments
- Advanced cooling technology for efficient and uniform temperature control
- Energy-efficient operation with low power consumption
- Quiet operation with minimal noise levels
- Enhanced corrosion protection for industrial and marine environments
- Seamless integration with Building Management Systems (BMS) and Distributed Control Systems (DCS)
- Available in multiple capacities to suit various application needs

### [Optional features]

The ATEX Ducted Air Conditioner offers several optional features to enhance its performance and suitability for various environments. A marine upgrade is available, providing additional corrosion protection on fins, coils, and outdoor casings for applications requiring higher durability. Users can also opt for an R410a retrofit, replacing the standard R32 refrigerant, and a 50Hz/60Hz upgrade to accommodate different electrical systems. Additional features include a rugged IP66 casing wired remote control, offshore corrosion resistance treatment, and an ATEX isolating switch for maximum safety in hazardous areas.

**[AC Specs, series name]**

- Model Names: ExM DUBB26, ExM DUBB35, ExM DUBB52, ExM DUBB71, ExM DUBB100, ExM DUBB120, ExM DUBB140, ExM DUBB180, ExM DUBB250
- Cooling Capacity: 2.6 kW to 25 kW
- Heating Capacity: 3.3 kW to 28 kW
- Operating Range: Cooling -15°C to +50°C, Heating -20°C to +24°C
- Refrigerant: R32 (with optional R410a retrofit)
  
- Power Supply: 1Phase, 220-240V, 50/60Hz

*Series:* ExM Best Buy (Samsung)

DUB22-250

**[Linked Products: products in the same series]**

*Series:* ExM Best Buy (Samsung)