

Product 13: Hazardous Area Cassette Climate Control

[Product Photos]

[Short Desc (two Paragraphs)]

The Hazardous Area Cassette Climate Control - Ex-M Best Buy Series - Type ExM CABB26-140 is designed to provide efficient and reliable air conditioning in hazardous environments. This explosion-proof 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 advanced cooling technology and robust construction, it delivers superior performance while maintaining safety standards. Opt for the cassette unit for its discreet ceiling installation, which provides uniform airflow and preserves floor and wall space, making it perfect for large open areas.

The Ex-M Best Buy Series integrates Samsung's proven commercial air conditioning technology with modifications for hazardous area certification. This cassette unit features enhanced corrosion protection, technical cooling functions, and seamless integration with industrial control systems, making it a versatile and dependable solution for demanding environments.

[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
- Wind-Free™ Cooling technology for efficient and uniform cooling
- Energy-efficient operation with reduced power consumption
- Quiet operation with low noise levels
- Corrosion protection coating for industrial and marine environments
- Compatible with Building Management Systems (BMS) and Distributed Control Systems (DCS)

- Available in multiple capacities to suit various application needs

[Optional features]

The Hazardous Area Cassette Climate Control can be customized with several optional features to enhance its adaptability and performance. For applications needing enhanced durability, a marine upgrade is available, which includes additional corrosion protection for fins, coils, and the outdoor casing. An R410a retrofit option is also available, replacing the standard R32 refrigerant. For electrical system compatibility, a 50Hz/60Hz upgrade can be provided. Additional safety and convenience features include a rugged IP66 casing wired remote control, offshore corrosion resistance treatment, and an ATEX isolating switch.

[AC Specs, series name]

Ex-M Series/Types	Ex-M CABB26-140
Available Cooling capacity	2.6 kW – 13.4 kW
British Thermal Units	8,870 BTU – 45,700 BTU
Refrigerating Tons	0.7 RT – 3.8 RT
Refrigerant	R32

[Linked Products: products in the same series]

Series: ExM Best Buy (Samsung)