

## Product 5: ATEX Outdoor AC Unit

### [Product Photos]

### [Short Desc (two Paragraphs)]

The ATEX Outdoor AC Unit - ExM High Ambient Series - Type ExM RZAG35A-71 NV NY is designed to provide reliable and efficient air conditioning for hazardous areas with high ambient temperatures. 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. Its robust construction and advanced features ensure superior performance and energy efficiency, maintaining a comfortable and safe environment even in extreme conditions.

Built upon Daikin's commercial air conditioning technology, the ExM High Ambient Series Outdoor AC Unit offers enhanced features tailored for hazardous environments. These include advanced corrosion protection, technical cooling functions, and seamless integration with industrial control systems. This unit is engineered 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
  - Designed for high ambient temperatures up to 52°C
  - Capable of both cooling and heating
  - Energy-efficient operation with low power consumption
  - Quiet operation with minimal noise levels
  - Corrosion protection coating for industrial and marine environments
  - Seamless integration with Building Management Systems (BMS) and Distributed Control Systems (DCS)
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- Available in multiple capacities to suit various application needs

### [Optional features]

The ATEX Outdoor AC Unit offers several optional features to enhance its performance and suitability for various environments. For applications requiring higher durability, a marine

upgrade is available, providing additional corrosion protection on fins, coils, and outdoor casings. Users can opt for an R410a retrofit, replacing the standard R32 refrigerant, and a 50Hz/60Hz upgrade to accommodate different electrical systems. Additional safety and convenience can be achieved with 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]**

<b>Specification</b>	<b>Detail</b>
Model Names	ExM RZAG35A, ExM RZAG50A, ExM RZAG60A, ExM RZAG71 NV NY
Cooling Capacity	3.5 kW to 14.0 kW
Heating Capacity	4.0 kW to 16.0 kW
Operating Range	Cooling -20°C to +52°C, Heating -20°C to +24°C
Refrigerant	R32 (with optional R410a retrofit)
Power Supply	1Phase, 220-240V, 50Hz (60Hz on request)
Outdoor unit dimensions (mm)	734x954x401, 990x940x320, 1,430x940x320
Weight	32 kg, 49 kg
Outdoor unit dimensions (mm)	734x954x401, 990x940x320, 1,430x940x320

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

*Series:* ExM High Ambient (Daikin)