

## Product 16: ATEX Wall Mount Climate Control

### [Product Photos]

### [Short Desc (two Paragraphs)]

The ATEX Wall Mount Climate Control from Ex-Machinery is specifically designed for hazardous environments, ensuring safe and efficient temperature regulation for sensitive storage, production areas, and industrial facilities. Certified for ATEX Zone 2 and Zone 22, this wall-mounted unit combines robust safety standards with Mitsubishi Electric's trusted cooling technology, now modified by Ex-Machinery for explosion protection. Ideal for compact spaces, it mounts discreetly on walls, saving valuable floor space while providing direct cooling where needed.

With 24/7 continuous duty and optimized performance for varying European climates, the ATEX Wall Mount Climate Control delivers reliable operation in industries like oil and gas, chemical processing, and beyond. Its durable construction and advanced safety features make it a dependable choice for maintaining critical temperature ranges in challenging environments.

### [Table Explosion Protection Specs]

Parameter	Specification
EU Directive	2014/34/EU (ATEX114)
ATEX Marking Gas (Indoor Unit)	II 3G Ex h ic nAC IIB (+H2) T4 Gc
ATEX Marking Gas (Outdoor Unit)	II 3G Ex h nAC IIB T3 Gc
ATEX Marking Dust (Indoor Unit)	II 3D Ex ic tc h IIIB T140°C Dc
ATEX Marking Dust (Outdoor Unit)	II 3D Ex tc h IIIB 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, ensuring safety in hazardous environments.
- Wall-mounted design optimizes floor space and allows targeted cooling.
- Operates continuously 24/7, built for consistent climate control in challenging conditions.
- Mitsubishi Electric technology modified by Ex-Machinery for explosion-proof certification.
- Energy-efficient operation, reducing power consumption in industrial applications.
- Wide operating range, suitable for temperatures from +46°C down to -15°C.

- Corrosion-resistant construction, extending durability in harsh environments.

**[Optional features]**

- Additional corrosion protection coating for enhanced resilience in marine or industrial settings.
- Stainless steel screws for increased durability and corrosion resistance.
- Converter for ATEX Zone 2 or Zone 22, allowing compatibility with 3-phase or 3-phase no-neutral power supplies (400-440V).
- ATEX isolating switch for safer maintenance and operation.
- ATEX-compliant junction box enabling redundant operation with automatic switching to a backup unit if necessary.
- Rugged, ATEX-rated wired remote control for convenient and secure operation.

**[AC Specs, series name]**

<b>Specification</b>	<b>Details</b>
<b>Series/Type</b>	ExM Power Inverter - Mitsubishi (Wall Mount Model)
<b>Model Names</b>	Ex-M PKA-M35, Ex-M PKA-M50, Ex-M PKA-M60, Ex-M PKA M-71, Ex-PKA M-100
<b>Cooling Capacity</b>	3.6 kW – 9.5 kW
<b>Cooling BTU</b>	12,280 – 32,400 BTU
<b>Cooling RT</b>	1 – 2.7 RT
<b>Heating Capacity</b>	4.1 kW – 11.2 kW
<b>Heating BTU</b>	13,980 – 38,200 BTU
<b>Heating RT</b>	1.2 – 3.2 RT
<b>Refrigerant Type</b>	R32

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

*Series:* ExM Power Inverter (Mitsubishi)