


# Explosion proof Ex-M Extreme Temperatures Series Split Air Conditioners




## Key Benefits



- Specially designed for high ambient temperatures up to 55°C.
- Suitable for both cooling and heating.
- ATEX Zone 2.
- Compatible with Wall Mount indoor unit
- CKC modified by Ex-Machinery, maintaining full functionality in hazardous areas.

 II 3G Ex h ic nAC IIB(+H2) T4 Gc (indoor unit)

 II 3G Ex h nAC IIB(+H2) T3 Gc (outdoor unit)



## Applications

A reliable climate control solution for high-temperature regions such as the Middle East, Far East, and Africa. Ideal for maintaining safe, stable conditions in Zone 2 hazardous environments, including:

- (Offshore) storage containers
- Control rooms
- Operator shelters

This unit provides cooling during extreme daytime heat and heating during colder nights, ensuring safe, consistent temperatures for personnel and equipment in challenging settings.

## For continuous climate control in high-temperature, hazardous environments

The Ex-M CKC series is designed to handle extreme conditions. Equipped with continuous cooling capability for 24/7 operation, converted and certified by Ex-Machinery Explosion Proof Equipment B.V. for ATEX Zone 2 (3G), ensuring safe and efficient performance in Zone 2 hazardous environments.

## Explosion Safety Specifications (ATEX)

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(+H2) T3 Gc
Applied standards	EN 60079-0, EN 60079-11, EN 60079-15, EN 60079-31, EN 60079-36, EN 80079-37

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## SUPERIOR AIR CONDITIONING FOR CHALLENGING ENVIRONMENTS

- Battery rooms
- Operator shelters
- Production facilities
- Storage facilities
- Refineries
- Chemical plants
- Offshore platforms
- Control rooms
- Pharmaceutical facilities
- Paint and coating shops
- Fuel storage areas
- Gas compressor stations
- Petrochemical plants
- Food and beverage facilities

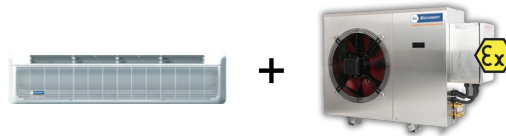


## CONFIGURATIONS TAILORED TO YOUR UNIQUE NEEDS

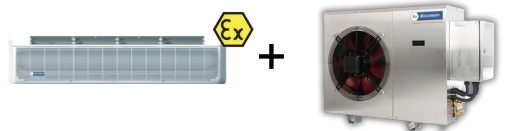
1. Both indoor and outdoor unit for zone 2



2. Indoor unit for safe area, outdoor unit for zone 2



3. Indoor unit for zone 2, outdoor unit for safe area



## OPTIONAL SPARE PARTS

- Indoor/Outdoor PCB's
- Fan Motors
- Compressor
- Remote control



Gido van Tienhoven  
– Founder &  
Technical Director

## ABOUT EX-MACHINERY

*Ex-Machinery delivers the best explosion proof HVAC systems, tailored to meet your needs in hazardous areas. With 20 years of ATEX expertise, we combine exceptional quality, customer-focused service, and reliable solutions to ensure safety in gas and dust-prone zones. Founded by Gido van Tienhoven, a passionate engineer and entrepreneur dedicated to preventing explosion hazards, our team is committed to providing expert advice and fast, efficient service. Contact us today for the best ATEX HVAC solutions and get your quotation within 24 hours.*

## WORLDWIDE SHIPMENT



**WE PROVIDE THE BEST ATEX COOLING SOLUTIONS, COMBINING AFFORDABILITY, RELIABILITY, AND CUSTOMIZED CONFIGURATIONS WITH EXCEPTIONAL AFTERCARE AND SERVICE TO 50+ COUNTRIES**

**CONTACT US TODAY AT [sales@ex-machinery.nl](mailto:sales@ex-machinery.nl)**



Tinstraat 33  
2984 AN Ridderkerk  
the Netherlands

+31 (0) 180-472880  
[www.ex-machinery.com](http://www.ex-machinery.com)  
[info@ex-machinery.com](mailto:info@ex-machinery.com)



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### Available outdoor units

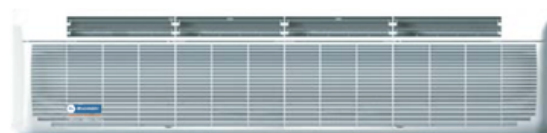
Non-ATEX/standard	ET500	ET800	ET1000
ATEX Zone 2	Ex-M ET500	Ex-M ET800	Ex-M ET1000

### Dimensions outdoor units (mm)

HxWxD	720x1000x300		820x1000x350
Weight 1Ph (kg)	64	66	81
Weight 3Ph (kg)	64	66	81

### Nominal Cooling Capacity

1Ph (kW)	3.5	8.0	10.0
3Ph (kW)	3.5	8.0	10.0



### Available indoor units

Non-ATEX/standard	ET60W	ET800
ATEX Zone 2	Ex-M ET60W	Ex-M ET80W

### Dimensions indoor units (mm)

HxWxD	350x1200x223	350x1500x223
Weight (kg)	19	23