



REFRIGERATION & AIR CONDITIONING SPECIALISTS

AR-056 Monoblock Zone 2



Tradewinds's explosion-safe AR-056 monoblock air conditioner is designed to safely provide a pleasant climate in a room where an explosive atmosphere can arise as a result of released gas, vapor or mist.

The AR-056 monoblock air conditioner is mounted indoors against the wall, making it the perfect solution for situations where there is no space available to install an outdoor unit. Due to the smart design, the air conditioner is very compact and takes up little space. Also, very little space needs to be kept free around the unit, making it possible to place it almost anywhere.

The AR-056 air conditioner is delivered completely ready for use and pre-filled with refrigerant; it is not necessary to call in a refrigeration technician. The mechanical and electrical installation of the unit is very simple and can therefore be carried out quickly and efficiently. The mounting kit is included as standard.

The AR-056 monoblock air conditioner is the ideal solution for use in small spaces such as offices, laboratories, process containers and containers for the storage of chemicals.

The AR-056 monoblock air conditioner is explosion-safe and certified in accordance with European directive 2014/34/EU (ATEX114) and is CE marked. The air conditioner meets the requirements for product category 3G and is therefore suitable for use in an explosion-hazardous environment classified as zone 2 (gas).



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Features

- ATEX certified
- CE marked
- Suitable for environments classified as zone 2
- 3,1 kW cooling and 2,4 kW heating
- With infrared remote control
- No outdoor unit required
- Very compact and easy to install
- Very quiet < 43 dB(A)
- Mounting kit included
- Refrigerant R32

Technical properties

- Explosion safety: II 3 G Ex ec h ic mc IIB+H2 T3 Gc
- European directives: 2014/34/EU (ATEX) and 2014/30/EU (EMC)
- Applied standards: EN 14986:2017, EN 60079-0:2018, EN 60079-7:2015 / A1:2018, EN 60079-11:2012, EN 60079-18:2015 / A1:2017, EN 80079-36:2016 and EN 80079-37:2016
- Certificate: EU Declaration of Conformity / Unit Assessment Certificate
- Ambient temperature: Cooling: -20 °C ... +43 °C, heating: -15 °C ... +24 °C
- Dehumidification: 1,3 l/h
- Ventilation speeds: 350, 390 and 490 m³/h
- Remote control: Infrared
- Power supply: 220 / 240 VAC, 50 Hz, 1 phase
- Electric power: 1,2 kW nominal, 1,5 kW maximum
- Power connection: Factory mounted H07RN-F cable, 3 x 1,5 mm², length 10 meter
- Weight: 39 kg
- Dimensions (W x H x D): 903 x 520 x 215 mm
- Free space: Top side: 80 mm, down side: 100 mm, sides: 60 mm
- Refrigerant: R32

Please contact us for more information or a detailed quotation for your specific application.
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