Explosion-safe air conditioners AR-056
Monoblock execution

Features

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

II 3 G Ex ec h ic mc IIB+H2 T3 Gc

Description

Artidor'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 Artidor 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 Artidor 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 Artidor 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).

nen standards committee member

ISO 9001

Artidor Explosion Safety B.V. - Emopad 38 - 5663 PB Geldrop - The Netherlands
Phone: +31 (0)40 78 73 911 - www.artidor.com

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Technical data

Order code	AR-056/112	AR-056/113
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	
Capacity:	3,1 kW cooling and 2,4 kW heating (nominal).	2,2 kW cooling and 2,2 kW heating (nominal).
Power supply:	220 / 240 VAC, 50 Hz, 1 phase	208 / 230 VAC, 60 Hz, 1 phase
Electric power:	1,2 kW nominal, 1,5 kW maximum	0,75 kW nominal, 1,5 kW maximum
Current:	4,3 A nominal, 7,5 A maximum	3,8 A nominal, 7,5 A maximum
Ambient temperature:	Cooling: -20 °C … +43 °C Heating: -15 °C … + 24 °C	Cooling: -18 °C … +43 °C Heating: -15 °C … + 24 °C
Dehumidification:	1,3 l/uur	
Ventilation speeds:	350, 390 en 490 m³/h	Low/Med/High/Auto
Remote control:	Infrared remote control	
Power connection:	Factory mounted H07RN-F cable, 3 x 1,5 mm², length 10 meter	
Dimensions (W x H x D):	903 x 520 x 215 mm	902 x 518 x 216 mm
Free space:	Top side: 80 mm, down side: 100 mm, sides: 60 mm	
Wall openings:	Ø162 - Ø202 mm (2 pieces)	
Weight:	39 kg	
Refrigerant:	R32 (0,46 kg)	R32 (0,425 kg)
Condensate pump:	The unit does not have a condensate pump. Connect a hose to allow the condensate to flow out freely.	

This document is subject to change without notice.