

AR-054 AIR CONDITIONER - WINDOW (COOLING ONLY)

Zones 2

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MISCELLANEOUS

ZONES 2 (gas)

The explosion-safe AR-054 window air conditioners are made to safely provide a pleasant climate in an area that can contain an explosive atmosphere as a result of released gas. Due to the use of DC inverter technology, the window air conditioners meet the strict Ecodesign requirements laid down in the European directive 2009/125/EC. The offered solution is not only safe but also energy efficient.

No connections need to be made to the cooling system to install the compact window air conditioner and therefore there is no need to call in a specialized refrigeration technician. The mechanical and electrical installation of the unit is also extremely simple and can be accomplished quickly and efficiently.

The AR-054 air conditioners are explosion-safe and certified in accordance with European directive 2014/34/EU (ATEX 114) and are CE marked. The window air conditioners comply with the requirements for product category 3G and are suitable for use in Zone 2.




Declaration of Conformity

ITEM REFERENCES

Designation:	Capacity cooling:	Capacity range:	Air flow:	Item No.:
AR-054/030	2,75 kW	0,5 - 3,2 kW	310 / 350 / 380 m³/h	13A0103
AR-054/040	3,70 kW	0,6 - 4,0 kW	400 / 450 / 490 m³/h	13A0104

TECHNICAL SPECIFICATIONS

Marking:	 II 3G Ex ec h ic mc IIB+H ₂ T3 Gc		
Certificate:	Declaration of Conformity		
Standards applied:	Conformity: 2014/34/EU (ATEX), 2014/30/EU (EMC) and 2009/125/EC (EcoDesign) Standards: 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		
Ambient temperature:	-20°C to +45°C		
Operating temperature:	+18°C to +43°C		
Supply voltage:	230 VAC		
Mains frequency:	50 Hz		
Connection:	Fixed power cable 3 x 2.5 mm ² , 5 m		
Electric power:	AR-054/030: 0,81 kW	AR-054/040: 1,09 kW	
Fuse rating:	10 A		
Dimensions:	AR-054/030: (H x W x D) 375x 560 x 710 mm	AR-054/040: (H x W x D) 428x 660 x 700 mm	
Weight:	AR-054/030: 34 kg	AR-054/040: 46 kg	
SEER:	5,1		
Refrigerant:	R32		
Sound pressure:	45 / 47 / 49 dB(A)		
Remote control:	Infrared remote control supplied as standard		

OPTIONS

Designation:	Description:
AR-054/990	Blygold PoluAl XT coating of the heat exchanger fins for increased corrosion resistance