

AR-051 AIR CONDITIONER - WALL-MOUNTED

Zones 2

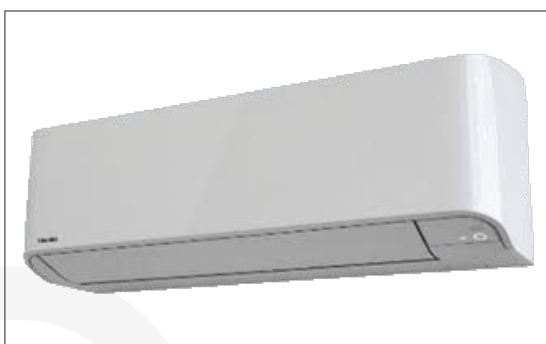
Full catalogue available on our website: www.inpratex.com

MISCELLANEOUS

ZONES 2 (gas)

Explosion-safe air conditioning split system, consisting of an outdoor unit and a wall-mounted indoor unit with infra-red remote control, all suitable for use in hazardous areas classified as zone 2. The unit is based upon the Toshiba RAV-GM range of compact industrial air conditioners, suitable for 24/7 use. The units are widely used in office spaces, offshore temporary living quarters, crane cabins and at the storage of chemicals and flammable substances.

The AR-051 air conditioners are explosion-safe and certified in accordance with European directive 2014/34/EU (ATEX 114) and are CE marked. The systems can consist of a combination of explosion-safe and non-explosion-safe units, depending on the zoning of the area where the units are placed. During the conversion of the units to explosion-safe, the greatest possible attention is given to the maintainability and ease with which the units can be installed. The functionality remains completely intact.



Declaration of Conformity

ITEM REFERENCES

Designation:	Item No.:
AR-051/0711 C	13A0102

TECHNICAL SPECIFICATIONS

Marking:	II 3G Ex ec h ic mc IIC T3 Gc (external unit) II 3G Ex ec h ic IIC T4 Gc (internal unit) II 3G Ex ic IIC T6 Gc (infra-red remote control)
Certificate:	Declaration of Conformity
Standards applied:	Conformity: European directive 2014/34/EU (ATEX 114) 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 y EN 80079-37:2016
Capacity:	6,7 kW nominal cooling 7,7 kW nominal heating
T range cooling:	-15 .. 46 °C
T range heating:	-15 .. 24 °C
Power supply:	220 - 240 VAC, 50 Hz and 220 - 230 VAC, 60 Hz
Power consumption:	2,61 kW
Fuse rating:	16 A
Air flow:	289 / 1.040 m³/h
Dimensions:	Outdoor unit (H x W x D): 550 x 780 x 290 mm Indoor unit (H x W x D): 320 x 1050 x 250 mm
Weight:	Outdoor unit: 44 kg Indoor unit: 14 kg
Piping size:	3/8" x 5/8"
Max. piping length:	30 m
Refrigerant:	R32
Remark:	An explosion-safe connection box with a depth of 100 mm will be mounted at the front or side of the outdoor unit. This connection box is provided with two ATEX cable glands; one M25 cable gland for the power cable and one M20 cable gland for the connection cable to the indoor unit