



Atexxo Manufacturing
Specialist in ATEX and IECEx Equipment



EX 3G Zone 2, Explosion Proof Air Conditioning Unit: 230V 50/60 Hz

Explosion Safety	 II 3G ; Ex ic nAC IIB T3 Gc
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Atexxo Manufacturing BV converted Toshiba to explosion proof EX split air conditioning unit, suited for zone 2 hazardous areas. The units have integrated heat pump function for both heating and cooling. The Explosion Proof Air conditioning units are equipped with European approved R-410A refrigerant.

Conversion to EX explosion proof is in line with Atexxo's philosophy of providing excellent explosion protection while maintaining as much features of the original product as possible. This makes the EX Air conditioning unit easy to install and operate.

The sets consist of ATEX approved outdoor-, indoor unit and wired remote control. Versions with heating can cooling capacity ranging from 5kW, 6.9kW, 10kW and 12.1kW are available. Cooling capacity in BTU's (17000 BTU/hr, 24000 BTU/hr, 34000 BTU/hr and 41000 BTU/hr)
Cooling capacity in TONS (1.5 MT, 2 MT, 2.8 RT, 3.4 RT)

Atexxo Manufacturing BV provides Explosion safe conversion for other leading European HVAC products and brands , like Carrier, Mitsubishi and Daikin on request.

Cost effective EX Zone 2 , explosion proof ac units.

Benefits:

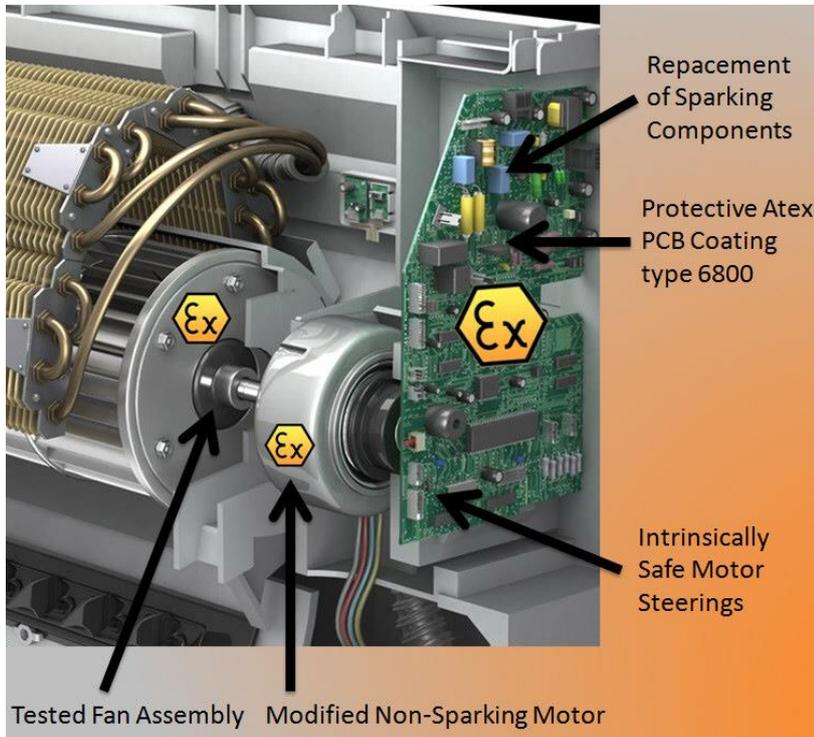
- 220-240V, 50/60 Hz
- Heat pump function for heating and cooling
- Quick delivery
- Easy to install and operate
- EX Zone 2
- Ingress protection (IP) and impact tested

Applications:

- Gas tanker ships
- Petro (chemical) plants
- Offshore oil platforms
- Industry
- Harsh environments

Safe operations in EX hazardous zone 2 areas.

Using multiple explosion protective measures to ensure safe operations in hazardous environments. Conversion to EX explosion proof is in line with Atexxo's philosophy of providing excellent explosion protection while maintaining nearly all features of the original product. This makes the EX Air Conditioning ac unit easy to install and operate.



The above picture demonstrates some of the protective anti-explosion measures intergraded in Atexxo's indoor unit. All modifications are according to safety standards, well documented and tested. Standard units are available from Toshiba, other brands can be delivered on request.

TOSHIBA

AIR CONDITIONING

Technical information

Voltage:	230 Volt (220-240V)
Frequency :	50/60Hz
Type Split Unit :	Ceiling mounted
Refrigerant:	R-410A
ATEX:	Zone 2, II 3G; ic nAC IIB T3 Gc

Table below; Ordering information

ATEX Split Units Atexxo Manufacturing B.V.	Atex Zone	Cooling Capacity	Heating Capacity	SCOP Ratio	Dimension indoor unit HxWxD (mm)	Dimension outdoor unit HxWxD (mm)
Order Number					Weight (kg)	Weight (kg)
AIR-EX-RAVS-50	Zone 2	5.0 kW	5.3 kW	4.20	235x950x690, 23kg	550x780x290, 40 kg
AIR-EX-RAVS-69	Zone 2	6.9 kW	7.7 kW	4.01	235x1270x690, 29kg	550x780x290, 44 kg
AIR-EX-RAVS-10	Zone 2	10.0 kW	11.2 kW	3.54	235x1586x690, 35kg	890x900x320, 68 kg
AIR-EX-RAVS-12	Zone 2	12.1 kW	12.8 kW	3.37	235x1586x690, 35kg	890x900x320, 68 kg