



**Atexxo Manufacturing**  
Specialist in ATEX and IECEx Equipment



## **ATEX 3G Zone 2, Split Air Conditioning Unit: 230V 50/60 Hz**

|                  |                                   |
|------------------|-----------------------------------|
| Explosion Safety | CE Ex II 3G ; Ex ic nAC IIB T3 Gc |
|------------------|-----------------------------------|

Atexxo Manufacturing BV converted Toshiba to explosion safe ATEX split air conditioning unit, suited for zone 2 hazardous areas. The units have integrated heat pump function for both heating and cooling. The ATEX Air conditioning units are equipped with European approved R-410A refrigerant.

Conversion to ATEX explosion safe 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 ATEX Air conditioning unit easy to install and operate.

The sets consist of ATEX approved outdoor-, indoor unit and remote control. Versions with heating can cooling capacity ranging from 2,5 kW to 20 kW are available. (8500 BTU/hr to 68000 BTU/hr)

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

Cost effective ATEX Zone 2 , split units.

### **Benefits:**

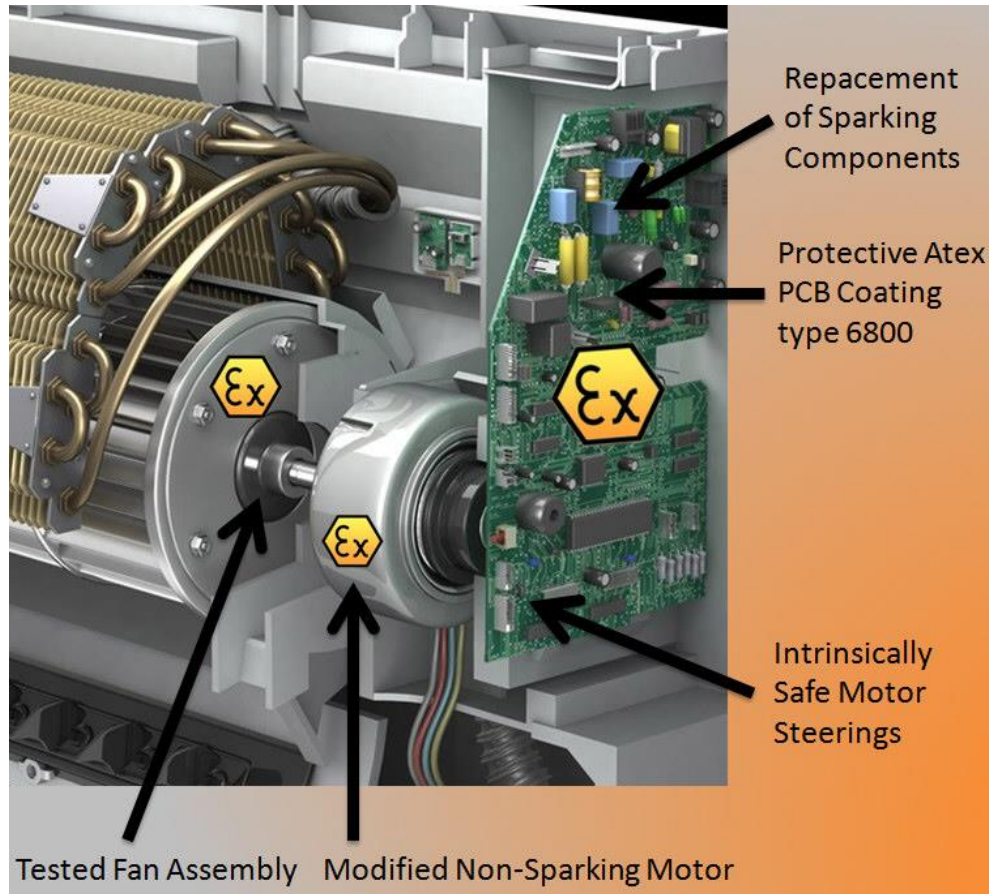
- Low noise unit (dB)
- Heat pump function for heating and cooling
- Quick delivery
- Easy to install and operate
- ATEX Zone 2
- Ingress protection (IP) and impact tested

### **Applications:**

- Gas tanker ships
- Chemical plants
- Offshore oil platforms
- Industry
- Harsh environments

## Safe operations in ATEX hazardous zone 2 areas.

Using multiple explosion protective measures to ensure safe operations in hazardous environments. Conversion to ATEX explosion safe is in line with Atexxo's philosophy of providing excellent explosion protection while maintaining nearly all features of the original product. This makes the ATEX Air Conditioners 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

|                          |   |
|--------------------------|---|
| <b>Voltage:</b>          | 230 Volt                                  |
| <b>Frequency :</b>       | 50/60Hz                                   |
| <b>Type Split Unit :</b> | Wall Mounted (Ceiling mounted on request) |
| <b>Refrigerant:</b>      | R-410A                                    |
| <b>ATEX:</b>             | Zone 2, II 3G; ic nAC IIB T3 Gc           |

## Table below; Ordering information

| <b>ATEX Split Units</b><br><b>Atexxo Manufacturing B.V.</b> | <b>Atex Zone</b> | <b>Cooling Capacity</b> | <b>Heating Capacity</b> | <b>SCOP Ratio</b> | <b>Dimension indoor unit</b><br><b>HxWxD (mm)</b> | <b>Dimension outdoor unit</b><br><b>HxWxD (mm)</b> |
|---|------------------|-------------------------|-------------------------|-------------------|---|--|
| <b>Order Number</b>   |                  |                         |                         |                   | <b>Weight (kg)</b>                                | <b>Weight (kg)</b>                                 |
| <b>AIR-EX-RASS-25</b>                                       | <b>Zone 2</b>    | 2.5kW                   | 3.2kW                   | 4.00              | 275x790x225, 10kg                                 | 550x780x290, 33 kg                                 |
| <b>AIR-EX-RASS-35</b>                                       | <b>Zone 2</b>    | 3.5kW                   | 4.2kW                   | 3.90              | 275x790x225, 10kg                                 | 550x780x290, 33 kg                                 |
| <b>AIR-EX-RASS-45</b>                                       | <b>Zone 2</b>    | 4.5kW                   | 5.5kW                   | 3.90              | 275x790x225, 10kg                                 | 550x780x290, 38 kg                                 |
| <b>AIR-EX-RASS-50</b>                                       | <b>Zone 2</b>    | 5.0kW                   | 5.8kW                   | 4.10              | 320x1050x243, 13kg                                | 550x780x290, 39 kg                                 |
| <b>AIR-EX-RASS-60</b>                                       | <b>Zone 2</b>    | 6.0kW                   | 7.0kW                   | 4.00              | 320x1050x243, 13kg                                | 550x780x290, 41kg                                  |