FSE SAFE
Singapore | Dubai

24/7 Operation

Explosion Proof Air Conditioners, ATEX / EAC-EX Zone 2 Split Units

(For High Ambient Temperature Conditions)

Explosion Safety	CE Ex II 3G ; Ex ec ic nC h IIC T3 Gc (For Gas Groups IIA/IIB/IIC)

Atexxo Manufacturing BV explosion proof air conditioners (ATEX and EAC-EX) developed for both high ambient (dessert/tropical) conditions and low ambient Nordic conditions. These split units are designed for safe use in zone 2 gas/vapor explosive atmospheres. ATEX Zone 2 is the European equivalent for US, NEC Class 1 Division 2 equipment. (C1D2)

The units have integrated heat pump function for both heating and cooling. The Explosion Air conditioners and ATEX split units are equipped with European approved R-410A refrigerant.

Conversion to ATEX explosion proof is in line with Atexxo's philosophy of providing excellent explosion protection while maintaining all features of the original product. This makes the ATEX Air conditioners easy to install and operate.

The sets consist of ATEX approved outdoor-, indoor unit (wall or ceiling mounted) and remote control. Cost effective ATEX Explosion proof Zone 2 split units.

Benefits:

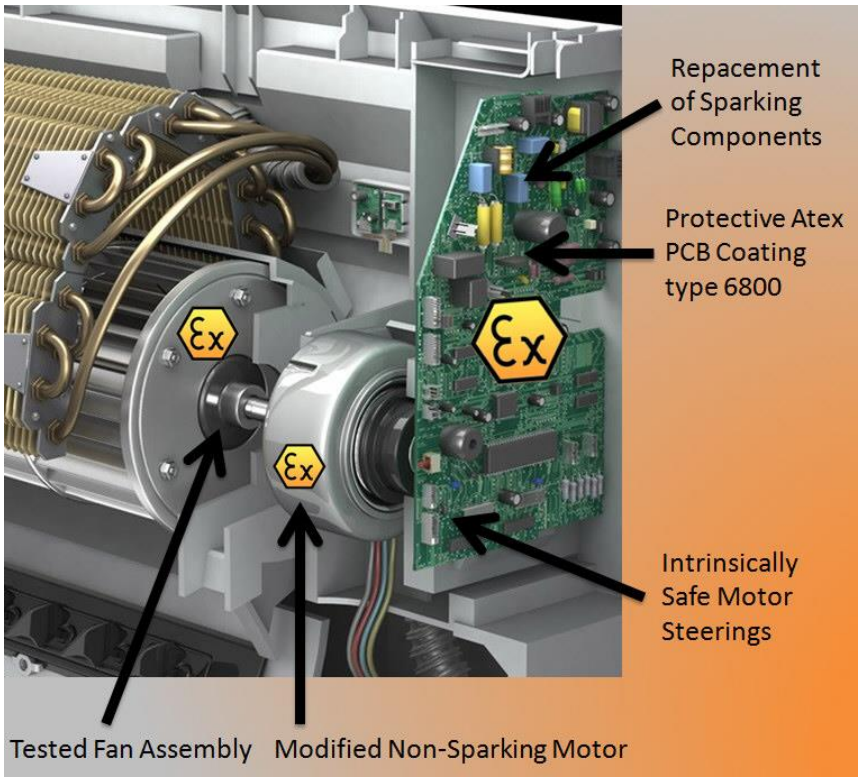
- Available in 50/60Hz
- High Ambient temperatures
- Suited for 24/7 operations
- Easy to install and operate
- ATEX / EAC-EX Zone 2
- Standard "Blue Fin" anti-corrosion treatment

Applications:

- Gas tanker ships
- Chemical plants
- Offshore oil platforms
- Storage of hazardous goods
- Analyzer cabinets

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. ATEX Zone 2 is the European equivalent for US, NEC Class 1 Division 2 equipment. (C1D2)



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 Daikin, other brands can be delivered on request.

DAIKIN
AIR CONDITIONING

Redundancy Control With Back-up Function

For critical applications like battery room cooling these units can be equipped with a dedicated redundancy control option. In this redundant design, there are two units, one unit is on duty and the other unit is on standby. In case of failure of a unit, the other unit takes over. The duty and standby position can be alternated between the two units to increase total life time of the equipment.

Technical information

Voltage:	200-240 Volt (wider input range / 400V on request)
Frequency :	50/60 Hz
Type Split Unit :	FAQ = indoor unit Wall ; FHQ = indoor unit Ceiling
Redundancy control:	Duty / Standby control (on request)
Refrigirant:	R-410A
ATEX / EAC-EX:**IIA/IIB/IIC**	Unit Assessment Certificate: Zone 2, II 3G; ec ic nC IIC h T3 Gc

Table below; Ordering information Atexxo Explosion Proof AC Units

ATEX Split Units Atexxo Manufacturing B.V.	Atex Zone	Cooling Capacity	Heating Capacity	Indoor unit	Dimension indoor unit HxWxD (mm)	Dimension outdoor unit HxWxD (mm)
Order Number					Weight (kg)	Weight (kg)
AIR-EX-FAQ-71	Zone 2	24.000 BTU / 2RT / 7.1kW	8kW	Wall	290x1050x238, 13kg	990x940x320,78 kg
AIR-EX-FAQ-10	Zone 2	35.000 BTU / 3 RT / 10kW	11 kW	Wall	340x1.200x240, 17kg	1430x940x320, 101 kg
AIR-EX-FHQ-12	Zone 2	43.000 BTU / 3.6RT / 12.5kW	14kW	Ceiling	235x1.590x690, 38kg	1430x940x320, 101 kg
AIR-EX-FHQ-14	Zone 2	50.000 BTU / 4RT / 14kW	16kW	Ceiling	235x1.590x690, 38kg	1430x940x320, 101 kg