



Atexxo Manufacturing
Specialist in ATEX and IECEx Equipment



ATEX Zone 2, Explosion Proof Split Unit Air Conditioners

(Technical cooling/heating, plug and play, pre-filled with R32 or R410A refrigerant)

Explosion Safety	CE Ex II 3G ; Ex ec h ic nC IIC T3 Gc (ready for all gasgroups IIA/IIB/IIC)
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Atexxo Manufacturing, explosion proof air conditioners (ATEX) developed for technical cooling and 24/7 operation. These split units are designed for safe use in zone 2 gas/vapor explosive atmospheres, suitable for all gas groups including hydrogen. 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. In hot climates only the cooling mode can be selected. The Explosion Proof Air conditioners and ATEX split units are equipped with European approved R-32 refrigerant, with **zero** Ozon depletion potential (ODP) and a low global warming potential (GWP) of just 675. The units can be delivered with R32 or R410A 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-, EX rated indoor unit and explosion proof wireless remote controller.

Benefits:

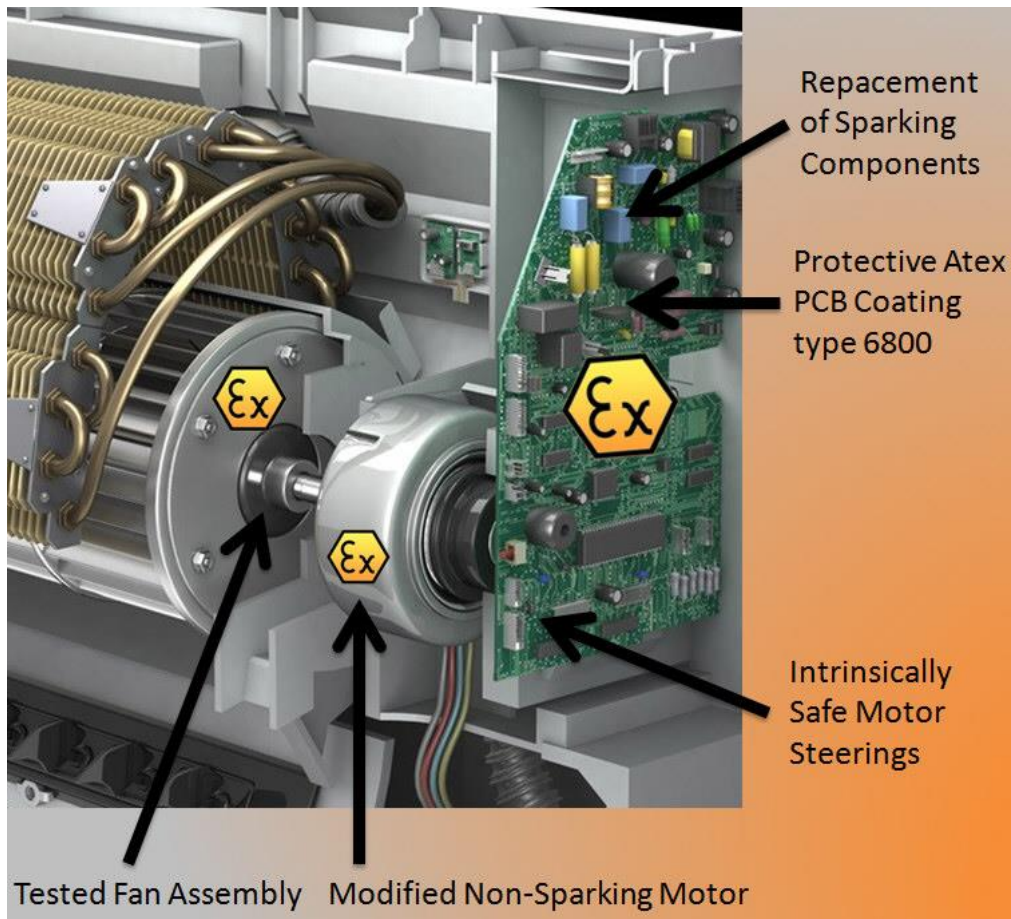
- 50/60Hz power rating
- **Online controller via app**
- Easy to install and operate
- ATEX Zone 2 Classified (Zone 22 on request)
- R32 or R410A refrigerant
- Standard "Blue Fin" anti-corrosion treatment

Applications:

- Technical Cooling / Heating
- Chemical plants and ships
- Offshore oil platforms
- Battery rooms
- Storage of hazardous goods
- Analyzer cabinets

Safe Operations in ATEX Hazardous Zone 2 Classified 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 units. All modifications are according to safety standards, well documented and tested. Standard units are available from Daikin, other brands can be delivered on request.



Please contact us for other capacities and or configurations e.g. multi-split systems or chillers.

Technical information

Voltage:	200-240 Volt AC (wider input range on request)
Frequency :	50/60 Hz
Type Split Unit :	FTXM = wall indoor unit
Refrigerant:	R32 or R410A
ATEX: for IIA / IIB / IIC	Unit Assessment Certificate: ATEX Zone 2, II 3G; Ex ec h ic nC IIC T3 Gc (IECEx certification on request)

Table below; Ordering information Atexxo Explosion Proof Air Conditioners Split AC Units

ATEX Split Units Atexxo Manufacturing	ATEX Zone	Cooling Capacity	Heating Capacity	Refrigerant	Dimension indoor unit HxWxD (mm)	Dimension outdoor unit HxWxD (mm)
Order Number					Weight (kg)	Weight (kg)
AIR-EX-FTXM-20	Zone 2	7.000 BTU / 0.6RT / 2.0kW	2.5 kW	R32	294x811x272, 10kg	550x765x285, 32 kg
AIR-EX-FTXM-25	Zone 2	9.000 BTU / 0.7RT / 2.5kW	2.8 kW	R32	294x811x272, 10kg	550x765x285, 32 kg
AIR-EX-FTXM-35	Zone 2	12.000 BTU / 1.0RT / 3.5kW	4.0 kW	R32	294x811x272, 10kg	550x765x285, 32 kg
AIR-EX-FTXM-42	Zone 2	15.000 BTU / 1.3RT / 4.2kW	5.4 kW	R32	294x811x272, 10kg	735x825x300, 47 kg
AIR-EX-FTXM-50	Zone 2	18.000 BTU / 1.5RT / 5.0kW	5.8 kW	R32	300x1040x295, 14kg	735x825x300, 47 kg
AIR-EX-FTXM-60	Zone 2	20.000 BTU / 1.7RT / 6.0kW	7.0 kW	R32	300x1040x295, 14kg	735x825x300, 47 kg
AIR-EX-FTXM-71	Zone 2	24.000 BTU / 2.0RT / 7.1kW	8.2 kW	R32	300x1040x295, 14kg	734x870x320, 56 kg
AIR-EX-FTXM-20-R410A	Zone 2	7.000 BTU / 0.6RT / 2.0kW	2.5 kW	R410A	294x811x272, 10kg	550x765x285, 32 kg
AIR-EX-FTXM-25-R410A	Zone 2	9.000 BTU / 0.7RT / 2.5kW	2.8 kW	R410A	294x811x272, 10kg	550x765x285, 32 kg
AIR-EX-FTXM-35-R410A	Zone 2	12.000 BTU / 1.0RT / 3.5kW	4.0 kW	R410A	294x811x272, 10kg	550x765x285, 32 kg
AIR-EX-FTXM-42-R410A	Zone 2	15.000 BTU / 1.3RT / 4.2kW	5.4 kW	R410A	294x811x272, 10kg	735x825x300, 47 kg
AIR-EX-FTXM-50-R410A	Zone 2	18.000 BTU / 1.5RT / 5.0kW	5.8 kW	R410A	300x1040x295, 14kg	735x825x300, 47 kg
AIR-EX-FTXM-60-R410A	Zone 2	20.000 BTU / 1.7RT / 6.0kW	7.0 kW	R410A	300x1040x295, 14kg	735x825x300, 47 kg
AIR-EX-FTXM-71-R410A	Zone 2	24.000 BTU / 2.0RT / 7.1kW	8.2 kW	R410A	300x1040x295, 14kg	734x870x320, 56 kg