



Atexxo Manufacturing
Specialist in ATEX and IECEx Equipment



ATEX Zone 2, Explosion Proof Split Unit Air Conditioners

Explosion Safety	CE ^{Ex} II 3G ; Ex ic nAC IIB T3 Gc / IIB+H2 or IIC on request
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Atexxo Manufacturing BV converted Daikin to explosion safe ATEX split air conditioner unit, suited for zone 2 hazardous areas. The units have integrated heat pump function for both heating and cooling. The ATEX Air conditioners and ATEX split units are equipped with European approved R-410A refrigerant. ATEX Zone 2 is the European equivalent for US, NEC Class 1 Division 2 equipment. (C1D2)

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 conditioners 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 kW to 33 kW are available. (8.500 BTU/hr to 140.000 BTU/hr)

Atexxo Manufacturing BV provides Explosion safe conversion for other leading European HVAC products and brands , like Carrier, Mitsubishi and Toshiba on request. Cost effective ATEX Zone 2 , split units.

Benefits:

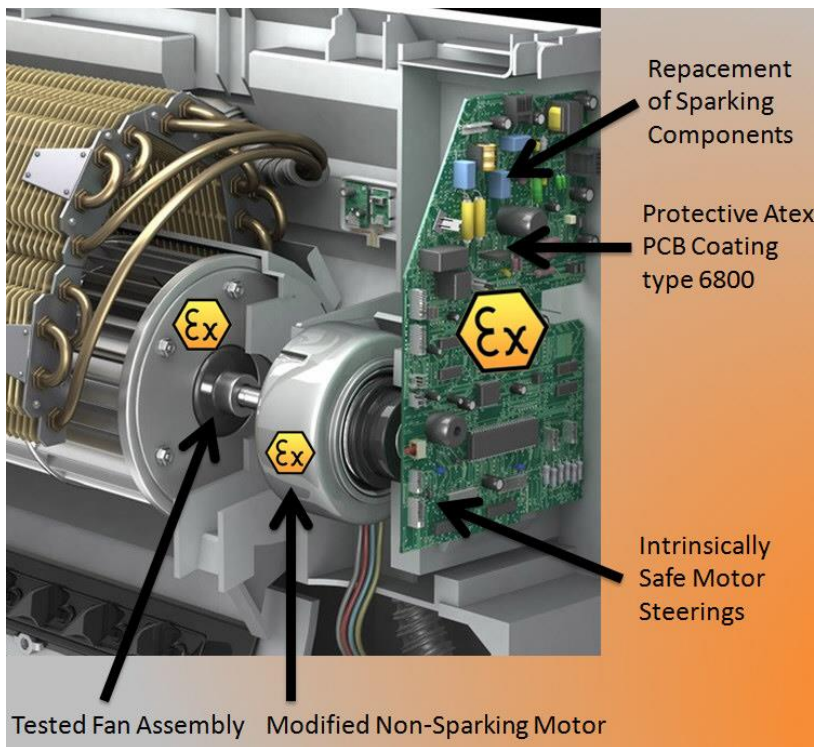
- Low noise unit (dB)
- Heat pump function for heating and cooling
- Easy to install and operate
- ATEX Zone 2
- Ingress protection (IP) and impact tested

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 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.



Technical information

Input Voltage:	200-240 Volt
Frequency :	50Hz/60Hz
Type Split Unit :	Wall Mounted (Ceiling mounted on request)
Refrigerant:	R-410A
ATEX:	Zone 2, II 3G; ic nAC IIB T3 Gc

Table below; Ordering information

ATEX Split Units		Cooling Capacity	Heating Capacity	SCOP Ratio	Dimension indoor unit HxWxD (mm)	Dimension outdoor unit HxWxD (mm)
Atexxo Manufacturing B.V.	Atex Zone				Weight (kg)	Weight (kg)
Order Number						
AIR-EX-DFTX-20	Zone 2	6.800 BTU / 0.6RT / 2.0kW	2.7 kW	4.8	295x780x215, 8kg	550x765x285, 34 kg
AIR-EX-DFTX-25	Zone 2	8.500 BTU / 0.7RT / 2.5kW	3.3 kW	4.8	295x780x215, 8kg	550x765x285, 34 kg
AIR-EX-DFTX-35	Zone 2	12.000 BTU / 1.0RT / 3.5kW	4.0 kW	4.9	298x900x215, 11kg	550x765x285, 34 kg
AIR-EX-DFTX-42	Zone 2	15.000 BTU / 1.3RT / 4.2kW	5.4 kW	4.2	298x900x215, 11kg	550x765x285, 39 kg
AIR-EX-DFTX-50	Zone 2	18.000 BTU / 1.5RT / 5.0kW	5.8 kW	4.2	298x900x215, 11kg	735x825x300, 47kg
AIR-EX-DFTX-60	Zone 2	20.000 BTU / 1.7RT / 6.0kW	7.0 kW	3.9	290x1050x250, 12kg	735x825x300, 48kg
AIR-EX-DFTX-71	Zone 2	24.000 BTU / 2.0RT / 7.1kW	8.2 kW	3.8	290x1050x250, 12kg	770x900x320, 71kg