Atexxo Manufacturing BV explosion proof air conditioners (ATEX) developed for 24/7 operation in high ambient (dessert/tropical) 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. 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.

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 ducted indoor unit for concealed ceiling applications and explosion proof wired remote controller.

**Benefits:**
- Available in 50Hz and 60Hz
- High Ambient temperatures
- Easy to install and operate
- ATEX Zone 2 Classified
- Zero Ozone Depletion
- Low Global Warming Potential (GWP)

**Applications:**
- Gas tanker ships
- Chemical plants
- 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 ducted 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.

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

**Voltage:** 200-240 Volt (wider input range / 400V on request)

**Frequency:** 50/60 Hz

**Type Split Unit:** FBA = Ducted indoor unit (150 Pa)

**Refrigerant:** R32 (R410A on request)

**ATEX:** Unit Assessment Certificate: Zone 2, II 3G; Ex nC ec ic h IIC T3 Gc (IECEx certification on request)

Table below; Ordering information Atexxo Explosion Proof Ducted Units

<table>
<thead>
<tr>
<th>ATEX Ducted Units</th>
<th>Atex Zone</th>
<th>Cooling Capacity</th>
<th>Heating Capacity</th>
<th>R32(kg) /GWP</th>
<th>Dimension indoor unit</th>
<th>Dimension outdoor unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR-EX-FBA-35-R32</td>
<td>Zone 2</td>
<td>12.000 BTU / 1.0RT / 3.5kW</td>
<td>4.0 kW</td>
<td>0.76 / 675</td>
<td>245x700x800, 28kg</td>
<td>550x765x285,32 kg</td>
</tr>
<tr>
<td>AIR-EX-FBA-50-R32</td>
<td>Zone 2</td>
<td>18.000 BTU / 1.5RT / 5.0kW</td>
<td>5.8 kW</td>
<td>1.4 / 675</td>
<td>245x700x800, 28kg</td>
<td>735x825x300, 47kg</td>
</tr>
<tr>
<td>AIR-EX-FBA-60-R32</td>
<td>Zone 2</td>
<td>20.000 BTU / 1.7RT / 6.0kW</td>
<td>7.0 kW</td>
<td>1.45 / 675</td>
<td>245x1000x800, 35kg</td>
<td>735x825x300, 47kg</td>
</tr>
<tr>
<td>AIR-EX-FBA-71-R32</td>
<td>Zone 2</td>
<td>24.000 BTU / 2RT / 7.1kW</td>
<td>8kW</td>
<td>2.95 / 675</td>
<td>245x1000x800, 35kg</td>
<td>990x940x320,70 kg</td>
</tr>
<tr>
<td>AIR-EX-FBA-10-R32</td>
<td>Zone 2</td>
<td>35.000 BTU / 3 RT / 10kW</td>
<td>11 kW</td>
<td>3.75 / 675</td>
<td>245x1.400x800, 46kg</td>
<td>1430x940x320, 92 kg</td>
</tr>
<tr>
<td>AIR-EX-FBA-12-R32</td>
<td>Zone 2</td>
<td>43.000 BTU / 3.6RT / 12.5kW</td>
<td>14kW</td>
<td>3.75 / 675</td>
<td>245x1.400x800, 46kg</td>
<td>1430x940x320, 92 kg</td>
</tr>
<tr>
<td>AIR-EX-FBA-14-R32</td>
<td>Zone 2</td>
<td>50.000 BTU / 4RT / 14kW</td>
<td>16kW</td>
<td>3.75 / 675</td>
<td>245x1.400x800, 46kg</td>
<td>1430x940x320, 92 kg</td>
</tr>
</tbody>
</table>