Explosion Proof VRV Air Conditioning, Cooling ATEX Split Systems
(For High Ambient Temperature Conditions)

Explosion Safety: III 3G ; Ex ic nAC IIC T3 Gc (covering all gasgroups IIA/IIB/IIC)

Atexxo Manufacturing BV explosion proof air conditioning system developed for high ambient (dessert/tropical) conditions. These VRV systems are designed for safe use in zone 2 gas/vapor hazardous locations. 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-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 this ATEX Explosion Proof Air conditioning system easy to install and operate.

The sets consist of one ATEX approved outdoor unit and (depending on total cooling capacity) multiple ATEX rated indoor units and one central wired remote controller. (multiple remote controllers for control in separate rooms on request)

**Benefits:**
- Available in 50Hz and 60Hz
- High Ambient temperatures
- Easy to install and operate
- ATEX Zone 2 classified
- Ingress protection (IP) and impact tested

**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.

The above picture demonstrates some of the protective anti-explosion measures integrated 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.

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

Voltage: 380-440 Volt (3Phase + N)
Frequency: 50/60 Hz
Type Split Unit: FXA = Indoor Wall Units / FXS= Ducted Ceiling Units (150 Pa)
Refrigirant: R-410A
ATEX: Unit Assessment Certificate: Zone 2, II 3G; ic nAC IIC T3 Gc

Table below; Ordering information Atexxo Explosion Proof VRV Systems

<table>
<thead>
<tr>
<th>ATEX VRV Systems</th>
<th>Atex Zone</th>
<th>Cooling Capacity</th>
<th>Heating Capacity</th>
<th>Indoor units</th>
<th>Dimension Indoor unit HxWxD (mm)</th>
<th>Dimension Outdoor unit HxWxD (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wall models</td>
<td></td>
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</tr>
<tr>
<td>AIR-EX-FXA-22</td>
<td>Zone 2</td>
<td>72.000 BTU / 6RT / 22 kW</td>
<td>22kW</td>
<td>Wall 7kw (3 pieces)</td>
<td>290x1050x238, 14kg</td>
<td>1430x940x320, 160 kg</td>
</tr>
<tr>
<td>AIR-EX-FXA-28</td>
<td>Zone 2</td>
<td>96.000 BTU / 8 RT / 28 kW</td>
<td>28 kW</td>
<td>Wall 7kw (4 pieces)</td>
<td>290x1050x238, 14kg</td>
<td>1615x940x460, 175 kg</td>
</tr>
<tr>
<td>AIR-EX-FXA-33</td>
<td>Zone 2</td>
<td>113.000 BTU / 9.5 RT / 33kW</td>
<td>33 kW</td>
<td>Wall 7kw (5 pieces)</td>
<td>290x1050x238, 14kg</td>
<td>1615x940x460, 180 kg</td>
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<tr>
<td>Ducted models</td>
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<tr>
<td>AIR-EX-FXS-22</td>
<td>Zone 2</td>
<td>72.000 BTU / 6RT / 22 kW</td>
<td>22kW</td>
<td>Ducted 11kw (2 pieces)</td>
<td>245x1.400x800, 46kg</td>
<td>1430x940x320, 144 kg</td>
</tr>
<tr>
<td>AIR-EX-FXS-28</td>
<td>Zone 2</td>
<td>96.000 BTU / 8 RT / 28 kW</td>
<td>28 kW</td>
<td>Ducted 14kw (2 pieces)</td>
<td>245x1.400x800, 47kg</td>
<td>1615x940x460, 175 kg</td>
</tr>
<tr>
<td>AIR-EX-FXS-33</td>
<td>Zone 2</td>
<td>113.000 BTU / 9.5 RT / 33kW</td>
<td>33 kW</td>
<td>Ducted 16kw (2 pieces)</td>
<td>245x1.550x800, 51kg</td>
<td>1615x940x460, 180 kg</td>
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