



IT Cooling Solutions

Wall-Air Series Displacement Evolution Telecom-Line



Wall-Air Displacement Advanced WDE

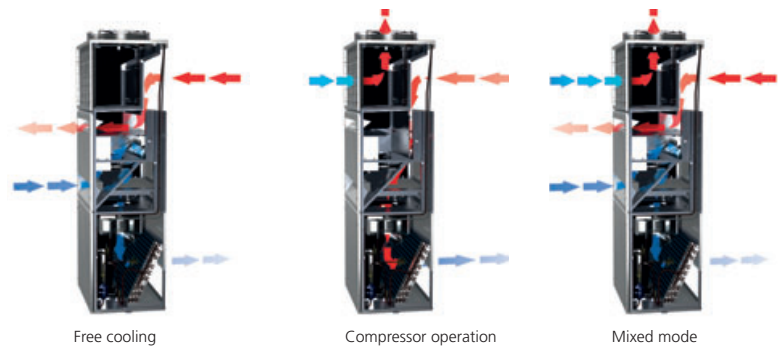
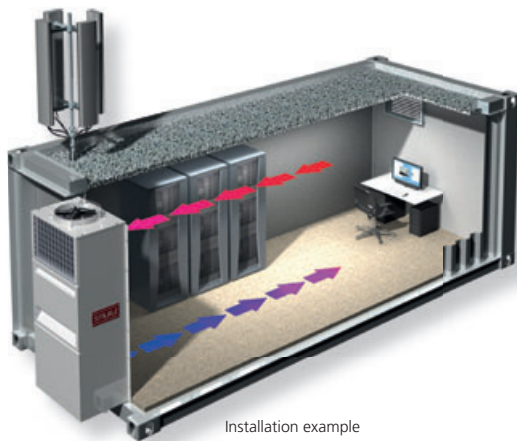


Technical features

- Energy-saving operation thanks to proportional free cooling facility
- Condenser with Microchannel technology
- C2020 microprocessor control
- Automatic restart after power failure
- Speed-controlled condenser and evaporator fan
- 48V DC backup operation
- Contacts for various alarm signals for connection to a monitoring system
- Refrigerant R407C
- Mixed mode for energy-saving operation
- Outside air conditions -20/+50°C
- G4 zigzag filter
- Night mode
- Sequencing operation

Options

- High temperature operation up to 55°C with R134a
- Compressor soft start
- Electric heating
- Aluminium housing
- Serial interface RS485 for connection to BMS systems
- Electrical cables ready to plug in
- Winter kit up to -40°C
- External operator terminal for C2020
- Humidity sensor



| Wall-Air Displacement | | | | |
|---|-------------------|-------|-------|-------|
| Model | | WDE40 | WDE60 | WDE80 |
| Total cooling capacity ¹⁾²⁾ | kW | 4.3 | 6.1 | 8.0 |
| External sound pressure level ³⁾ | dB(A) | 50 | 51 | 52 |
| Weight | kg | 170 | 200 | 200 |
| Height (including condenser fan) | mm | 2,085 | 2,085 | 2,085 |
| Width | mm | 879 | 879 | 879 |
| Depth | mm | 565 | 565 | 565 |
| Air flow in cooling mode | m ³ /h | 1,100 | 1,700 | 2,700 |
| Air flow in free cooling mode | m ³ /h | 900 | 1,300 | 1,800 |

¹⁾ Outside temperature 35°C/Inside temperature 30°C/rel. humidity 30%

²⁾ 400V/3Ph/N/50Hz (Plus) 48V DC

³⁾ Measured at 2m distance, free field