



IT Cooling Solutions

# Wall-Air Series Displacement Evolution Telecom-Line



# Wall-Air Displacement Advanced WDE

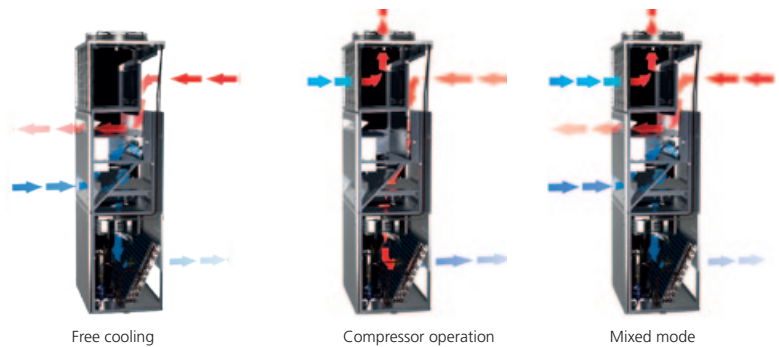
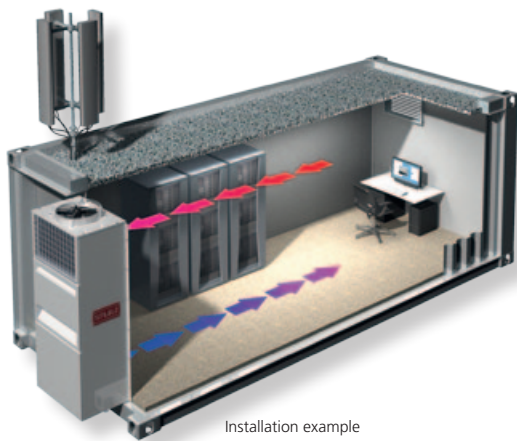


## Technical features

- 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	WDEA0	WDEA2	WDEA4	WDEA6
Total cooling capacity <sup>1)2)</sup>	kW	4.3	6.1	8.0	10.0	12.0	13.9	15.7
External sound pressure level <sup>3)</sup>	dB(A)	50	51	52	53	54	58	60
Weight	kg	170	200	200	240	240	250	250
Height (including condenser fan)	mm	2,085	2,085	2,085	2,226	2,226	2,226	2,226
Width	mm	879	879	879	992	992	992	992
Depth	mm	565	565	565	730	730	730	730
Air flow in cooling mode	m <sup>3</sup> /h	1,100	1,700	2,700	2,400	2,800	3,600	3,600
Air flow in free cooling mode	m <sup>3</sup> /h	900	1,300	1,800	2,500	2,500	3,000	3,000

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

<sup>2)</sup> 400V/3Ph/N/50Hz (Plus) 48V DC

<sup>3)</sup> Measured at 2m distance, free field