

Vertiv™ CoolPhase Wall

Thermal management solution for small equipment rooms



The Vertiv™ CoolPhase Wall is a wall-mount split system for small technical rooms, server rooms, and edge computing applications. Taking up zero floor space, this compact unit provides up to 11kW of dedicated cooling.

Compact IT cooling

Dedicated IT cooling equipment is designed to run 24x7x365, providing reliable temperature control even in extreme conditions, unlike typical comfort air conditioning systems. It meets the constant cooling demands of IT equipment, reducing the risk of overheating and equipment failure. Remote monitoring features allow personnel to oversee system performance and quickly address any issues, providing a stable environment for critical equipment.

The compact Vertiv™ CoolPhase Wall system provides dedicated cooling for IT equipment without the need for ducted air handling. Systems can be deployed rapidly to meet the demands of increasing equipment load and can be scaled for redundancy—all while taking up zero floorspace.

Available in various sizes and capacities

- High Sensible Heat Ratio (SHR) provides dedicated IT heat removal at lower operation costs.
 - Higher Airflow values over traditional comfort cooling systems to reduce hot spots.
 - Intelligent Vertiv™ Controls and Remote Monitoring optimizes thermal conditions and improves system reliability.
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- Outdoor heat rejection capability from -31°F to 118°F (-35°C to 48°C). Covering a wide range of working environments.
 - Low GWP Refrigerant (R-32) reduces environmental impact.
 - Variable speed compressors and variable speed fans improves energy efficiency and reduces operating costs.
 - Plenum-approved heat rejection for increased deployment flexibility.

Benefits

- **Lower operating costs** provided by improved system efficiency.
- **Increased airflow** supports consistent temperature control for mission-critical environments.
- **Intelligent Vertiv controls & remote monitoring** for setting and viewing system status.
- **Teamwork connection between multiple units** for active standby lead/lag control.
- **Installation options** provide for greater deployment flexibility.



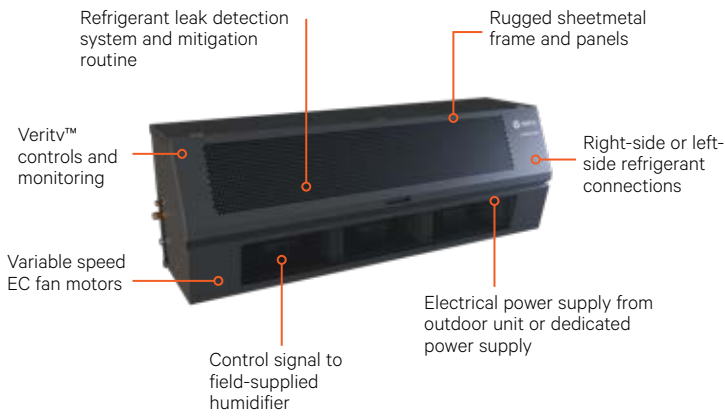
Vertiv™ CoolPhase Wall: Indoor Unit



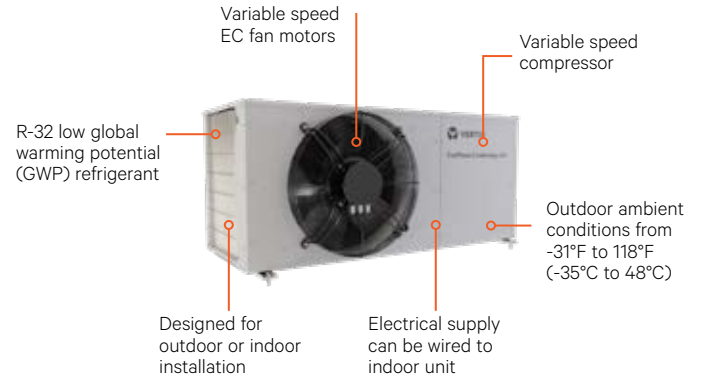
Vertiv™ CoolPhase Condensing Unit



Features



Vertiv™ CoolPhase Wall: Indoor Unit



Vertiv™ CoolPhase Condensing Unit

Indoor Unit	WLM030A	WLM070A	WLM110A
Sensible Cooling Capacity*	3.5 kW 11,942 BTUH	6.5 kW 22,178 BTUH	10.0 kW 34,120 BTUH
Sensible Heat Ratio	≥0.9	≥0.9	≥0.9
Maximum Airflow	618 CFM 1,050 CMH	1,177 CFM 2,000 CMH	1,825 CFM 3,100 CMH
Power Supply	208/230V 1ph 50/60hz	208/230V 1ph 50/60hz	208/230V 1ph 50/60hz
Indoor Operating Range	68°F to 86°F (20 °C to 30 °C)	68°F to 86°F (20 °C to 30 °C)	68°F to 86°F (20 °C to 30 °C)
Refrigerant	R-32	R-32	R-32
Controls	Vertiv™ Liebert® iCOM™ Edge Controller, Automatic startup HTTP, SNMP, BACnet, Modbus		
Certification	AHRI, CE, cETLus & UKCA	AHRI, CE, cETLus & UKCA	AHRI, CE, cETLus & UKCA
Dimensions (HxDxW)	19.29in x 15.35in x 36.02in (490mm x 390 mm x 915mm)	19.29in x 15.35in x 49.80in (490mm x 390mm x 1265mm)	19.29in x 15.35in x 56.10in (490mm x 390mm x 1425mm)

* at 23.88C (75F) return air temperature, 45% relative humidity

Condenser Matchup table	Air-Cooled Standard Ambient -4°F to 118°F(-20°C to 48°C)		
	CUD030-E000A	CUD070-E000A	CUD11*-E000A
	Air-Cooled Low Ambient -31°F to 118°F (-35°C to 48°C)		
	CUL030-E000A	CUL070-E000A	CUL11*-E000A
Dimensions (HxDxW)	20.30in x 12.55in x 38.77in (516mm x 319mm x 985mm)	20.30in x 16.49in x 44.40in (516mm x 419mm x 1128mm)	22.83in x 20.47in x 51.29in (580mm x 520mm x 1303mm)

* value depends on supplied power

All values provided are subject to change at time of product release

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