

Precision Cooling

STULZ Mini-Space EC

STULZ

CLIMATE. CUSTOMIZED.

STULZ Mini-Space EC vertical floor mounted air conditioning units provide precision temperature and humidity control for computer rooms and other critical areas where continuous 24/7/365 operation is required. The Mini-Space EC solution is designed with a wide range of options to handle small IT spaces, telecommunications, medical, modular data centers, and more.



Applications

- Small Data Centers
- Modular Data Centers
- IT Equipment Room
- Telecommunications
- Hospitals
- Laboratories
- Broadcasting

STULZ Mini-Space EC (CCU/D)

Capacity	kW	4 - 12
	MBH	12 - 41
	Tons	1 - 3.5
Airflow	CFM	1,200 - 1,900

Features and Benefits

- STULZ State-of-the-Art E^2 Microprocessor with a Range of BMS Interface Options
- Direct Expansion (DX) & Chilled Water (CW)
- 100% Front Service Access (all panels removable for additional convenience)
- Up and Down-Flow Air Patterns
- Front Discharge
- Highly Efficient Electronically Commutated (EC) Backward Curved Plenum Fan
- Compact Footprint
- R-410A
- Designed and Manufactured in the USA

Technical data

STULZ Mini-Space EC

Capacity								
	Air Cooled				Water Cooled			
Model:	CC()-041-A-EC	CC()-061-A-EC	CC()-081-A-EC	CC()-121-A-EC	CC()-041-W-EC	CC()-061-W-EC	CC()-081-W-EC	C()-121-W-EC
NET DX COOLING CAPACITY (Includes Motor Heat @ Rated cfm & esp)								
80 °F DB/62.9 °F WB, 38% RH, 52.3 °F DP								
Total, kW (MBH)	6.8 (23.2)	7.7 (26.1)	9.3 (31.7)	12.4 (42.2)	7.5 (25.6)	8.6 (29.3)	10.4 (35.5)	13.7 (46.8)
Sensible, kW (MBH)	6.8 (23.2)	7.7 (26.1)	9.1 (31.2)	12.4 (42.2)	7.5 (25.6)	8.6 (29.3)	9.5 (32.4)	13.7 (46.8)
Evaporator Blower / Motor - Backward Curved EC								
Nominal Motor Power, hp	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
Rated Air Flow, cfm @ .2 inH ₂ O esp	1,180	1,180	1,180	1,890	1,180	1,180	1,180	1,890
Quantity of Blowers	1	1	1	1	1	1	1	1
Compressor - R-410A								
Type (Qty)	Scroll (1)	Scroll (1)	Scroll (1)	Scroll (1)	Scroll (1)	Scroll (1)	Scroll (1)	Scroll (1)
Input Per Compressor, W	1,880	2,230	2,850	3,760	1,510	1,810	2,580	3,020
Physical Weight & Dimensions								
Approximate Weight, lb	450	450	450	480	480	480	480	510
Approximate Weight, kg	204	204	204	218	218	218	218	231
Unit Dimensions, in	73 × 25 × 24				73 × 25 × 24			
Unit Dimensions, mm	1,854 × 635 × 610				1,854 × 635 × 610			

Capacity					
	Glycol Cooled				Chilled Water
Model:	CC()-041-G-EC	CC()-061-G-EC	CC()-081-G-EC	CC()-121-G-EC	CC()-110-C-EC
NET DX COOLING CAPACITY (Includes Motor Heat @ Rated cfm & esp)					NET DX COOLING CAPACITY - @ 50 °F EWT, 0% Glycol Solution (Includes motor heat @ rated cfm & esp)
80 °F DB/62.9 °F WB, 38% RH, 52.3 °F DP					80 °F DB/62.9 °F WB, 38% RH, 52 °F DP - High Flow (10 °F ΔTw)
Total, kW (MBH)	6.6 (22.6)	7.4 (25.4)	8.9 (30.5)	12.0 (41.0)	9.1 (30.9)
Sensible, kW (MBH)	6.6 (22.6)	7.4 (25.4)	8.9 (30.5)	12.0 (41.0)	9.1 (30.9)
Evaporator Blower / Motor - Backward Curved EC					Chilled Water Coil / Motor - Backward Curved EC
Nominal Motor Power, hp	1.3	1.3	1.3	1.3	1.3
Rated Air Flow, cfm @ .2 inH ₂ O esp	1,180	1,180	1,180	1,890	1,890
Quantity of Blowers	1	1	1	1	1
Compressor - R-410A					
Type (Qty)	Scroll (1)	Scroll (1)	Scroll (1)	Scroll (1)	N/A
Input per Compressor, W	2,020	2,390	3,050	4,040	N/A
Physical Weight & Dimensions					
Approximate Weight, lb	480	480	480	510	400
Approximate Weight, kg	218	218	218	231	181
Unit Dimensions, in	73 × 25 × 24				73 × 25 × 24
Unit Dimensions, mm	1,854 × 635 × 610				1,854 × 635 × 610

Voltages
1 or 3 Phase Power Supply
208/1/60
208/3/60
460/3/60

Additional Options

- Heat/Reheat
- Humidification
- Low Temperature Water Kit
 - Kit not available with Humidification
- External Filter Box (Ducted Rear Return)

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Technical documentation subject to change without notice
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