

STULZ

CLIMATE. CUSTOMIZED.

Packaged Rooftop Air Handler

STULZ CyberPack™



The STULZ CyberPack is a self-contained rooftop system, designed specifically for data centers, with solid construction, proven cooling technology, and flexible controls.

- State-of-the-art E^2 Microprocessor with a range of BMS interface options
- 100% Air-Side Economizer option to achieve lower OPEX
- Robust aluminum cabinet construction for long term operation
- Highly efficient scroll compressor technology with multi-circuit and staged configurations
- EC Fans offer considerable energy cost savings and maintenance free operation
- Condenser fan speed control via system controller without the use of VFD's
- Functional operations: cooling, dehumidification and filtration
- Various voltages available in 50/60 Hz designs

Technical Data

Product Family		CyberPack				
Model Series		ASC				
System		DX				
Cooling Capacity	kW (MBH)	40 - 105 (140 - 360)				
	Tons	12 - 30				
Air Flow	m3/hr	9,000 - 20,400				
	CFM	5,300 - 12,000				

Model: ASC- - DX	12C	13C	15C	20A	25A	30A
NET DX COOLING CAPACITY BASED ON 95°F AMBIENT CONDITIONS (Includes Motor Heat @ Rated CFM & ESP)						
105°FDB/70.7°FWB, 17% RH, 52°FDP						
Supply Airflow	5,500	6,000	6,000	9,000	12,000	12,000
External Static Pressure (ESP)	0.35	0.35	0.35	0.45	0.45	0.45
Total, kW (MBH)	52.6 (179)	56.6 (193)	60.3 (206)	87.9 (300)	111.0 (379)	120.4 (411)
Sensible kW (MBH)	52.6 (179)	56.6 (193)	60.3 (206)	87.9 (300)	111.0 (379)	120.4 (411)
95°FDB/67.7°FWB, 24% RH, 52°FDP						
Supply Airflow	6,000	6,000	6,000	12,000	12,000	12,000
External Static Pressure (ESP)	0.35	0.35	0.35	0.45	0.45	0.45
Total, kW (MBH)	48.0 (164)	50.7 (173)	54.5 (186)	84.1 (287)	99.6 (340)	108.2 (369)
Sensible kW (MBH)	48.0 (164)	50.7 (173)	54.5 (186)	84.1 (287)	99.6 (340)	108.2 (369)
85°FDB/64.4°FWB, 32% RH, 52°FDP						
Supply Airflow	6,000	6,000	6,000	12,000	12,000	12,000
External Static Pressure (ESP)	0.35	0.35	0.35	0.45	0.45	0.45
Total, kW (MBH)	42.6 (145)	44.9 (153)	48.7 (166)	74.1 (253)	88.5 (302)	96.5 (329)
Sensible kW (MBH)	42.6 (145)	44.9 (153)	48.7 (166)	74.1 (253)	88.5 (302)	96.5 (329)
80°FDB/67°FWB, 51.1% RH, 60°FDP						
Supply Airflow	5,300	5,600	6,000	9,000	11,000	12,000
External Static Pressure (ESP)	0.35	0.35	0.35	0.45	0.45	0.45
Total, kW (MBH)	41.9 (143)	45.0 (154)	49.9 (170)	70.5 (240)	88.5 (302)	98.9 (337)
Sensible kW (MBH)	30.5 (104)	31.5 (108)	32.5 (111)	54.2 (185)	65.3 (223)	68.6 (234)
Calculated EER	12.0	11.5	11.1	11.2	10.6	10.0

Model: ASC- -DX	12C	13C	15C	20A	25A	30A
Backward Inclined Direct Drive EC Fan						
Nominal Power each Supply Fan, hp	4.2					
Quantity	1		2			
Evaporator Coil						
Rows	4					
Face Area	15.6		23.8			
Scroll Compressors						
# of Scroll Compressors	2					
Condenser Fans						
Nominal Power each Condenser Fan	3.8					
Quantity	2		4			
Filter						
Nominal Size (H" x W" x D")	20 x 20 x 4					
Quantity	6		8			
Condensate Drain						
in. MPT	3/4 (2)					
Physical Data						
Approximate Unit Dimensions* (L"xW"xH")	147 x 74 x 70		150 x 88 x 70			
Approximate Unit Weight	2,150 lbs		3,100 lbs			

* Unit weight and dimensions do not include economizer option

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