

Mini-Space™

Floor Mounted Precision Air Conditioners



From 1 to 7 Tons

- **DX - Air, Water or Glycol Cooled**
- **Chilled Water**
- **7 x 24 Mission Critical Operation**
- **Compact Footprint**
- **Front Service Access**
- **Up-Flow and Down-Flow Air Patterns**
- **High Eff. Return Air Filtration**
- **Microprocessor Control**
- **BMS Data Communication Capability**
- **Main Power Disconnect**
- **...and more!**



Mini-Space™ DX & DW

Nominal Performance Data (NET COOLING CAPACITY - BTU/H @ EAT = 75°FDB/62.5°FWB, 50% RH)

AIR COOLED DX	"Mini-Space" Compressor Systems						
	Model	CCU/D-41-A	CCU/D-61-A	CCU/D-81-A	CCU/D-121-A	CCU/D-171-A	CCU/D-201-A
	Total	17,500	24,020	31,960	41,510	47,490	64,180
Sensible	15,900	21,080	22,460	36,920	47,490	64,180	

WATER COOLED DX	"Mini-Space" Compressor Systems						
	Model	CCU/D-41-W	CCU/D-61-W	CCU/D-81-W	CCU/D-121-W	CCU/D-171-W	CCU/D-201-W
	Total	18,800	26,430	35,270	45,220	52,940	71,930
Sensible	16,900	21,070	22,770	36,500	52,940	69,110	

GLYCOL COOLED DX	"Mini-VSpace" Compressor Systems						
	Model	CCU/D-41-G	CCU/D-61-G	CCU/D-81-G	CCU/D-121-G	CCU/D-171-G	CCU/D-201-G
	Total	16,900	23,290	30,980	39,630	46,630	61,950
Sensible	15,400	20,310	22,590	35,430	46,630	61,950	

CHILLED WATER SYSTEM	"Mini-Space" Chilled Water Systems (45°F CW)								
	Model	CCU/D-110-CW			CCU/D-200-CW				
	Total	32,990				86,700			
Sensible	32,990				81,540				
GPM/(psi)	6.6/(2.6)				17.2/(4.9)				

Model	CCU/D-41-W	CCU/D-61-W	CCU/D-81-W	CCU/D-121-W	CCU/D-171-W	CCU/D-201-W	CCU/D-110-CW	CCU/D-200-CW
Reheat/Heat - Performance Capacities include Evaporator Blower Motor Heat								
Electric Reheat/Heat (Std)								
Nominal Kw (Stages)	2 (1)	2 (1)	2 (1)	4 (2)	12 (2)	12 (2)	4 (1)	12 (2)
Tot. BTU/H (Kw) w/ Motor Heat	8,730 (2.6)	8,730 (2.6)	8,730 (2.6)	15,560 (4.6)	48,580 (14.2)	48,580 (14.2)	15,560 (4.6)	48,580 (14.2)
Humidification - Electrode Steam Canister Humidifier with Adjustable Output (Standard)								
Lbs/Hr. (Kw input)	2-5, (1.7)	2-5, (1.7)	2-5, (1.7)	2-5, (1.7)	4-10, (3.4)	4-10, (3.4)	2-5, (1.7)	4-10, (3.4)
Std Control	Cycling	Cycling	Cycling	Cycling	Cycling	Cycling	Cycling	Cycling
Evaporator Blower / Motor								
Horsepower	3/4	3/4	3/4	3/4	3.0	3.0	3/4	3.0
CFM @ ext. st. press.	1,180 @ 0.2"	1,180 @ 0.2"	1,180 @ 0.2"	1,890 @ 0.2"	3,450 @ 0.3"	4,130 @ 0.3"	1,890 @ 0.2"	4,130 @ 0.3"
Drive Method	Direct	Direct	Direct	Direct	Belt	Belt	Direct	Belt
Evaporator or CW Coil - Aluminum Fin, Copper Tube								
Rows/Face Area, ft ²	4/3.25	4/3.25	4/3.25	4/3.25	4/8.3	4/8.3	4/3.25	4/8.3
Face Velocity, fpm	363	363	363	581	415	498	581	498
Control Valve, Size / Cv	n/a	n/a	n/a	n/a	n/a	n/a	1/2" / 4.0	3/4" / 7.5
Standard Valve Type	n/a	n/a	n/a	n/a	n/a	n/a	<< 3-way, 300 PSIG, Modulating >>	

Physical Data		
Dimensions (H"xW"xD"), includes access panels, w/o plenum box option		
Down-flow and Up-flow	CCU/D-41/121 & 110CW = 73"x24"x24"	CCU/D-171/201 & 200CW = 73"x39"x32"

Microprocessor Controls

Precision temperature and humidity control with unrivaled, user friendly C6000 series controls, offer a wide range of functions and alarms.



Steam Humidification

The electrode steam canister humidifier is available with all systems. Manually adjusted On/Off and optional proportional steam humidifiers are available.



High Efficiency/Quiet Operation

Low sound power Scroll compressors coupled with low RPM blower design and acoustically lined cabinets provide the optimum in quiet operation.



CORESM
Support Systems

12 Mauchly, Building B
Irvine CA 92618
949-788-0011

www.coresupportsys.com
info@coresupportsys.com
858-278-3934