

Critical Infrastructure for the World's Leading Data Centers

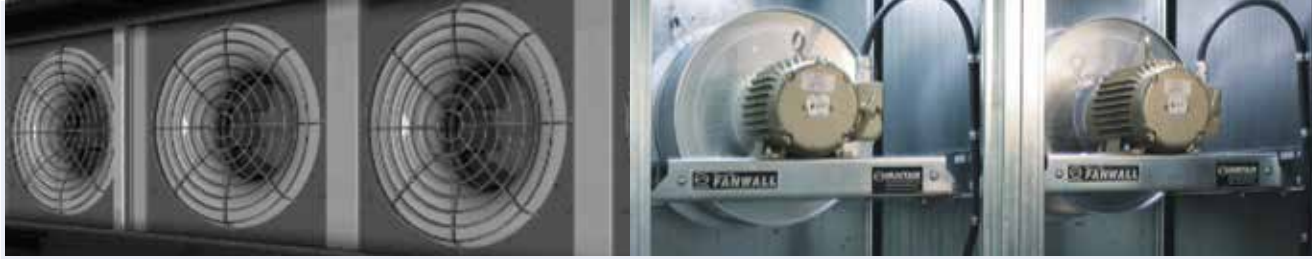
NORTEK[™]
AIR SOLUTIONS



SUPEREVAP CRAH & Air Handler Units

Ultra Efficient Adiabatic CRAH Unit

THE NEXT GENERATION CRAH ADAPTING TO MEET YOUR NEEDS



SUPEREVAP CRAH

- Modular Design – available in many configurations and sizes
- Advanced touch controls with real time monitoring
- FANWALL TECHNOLOGY® with advanced controls for partial load efficiency
- Energy efficient design
- UL ratings

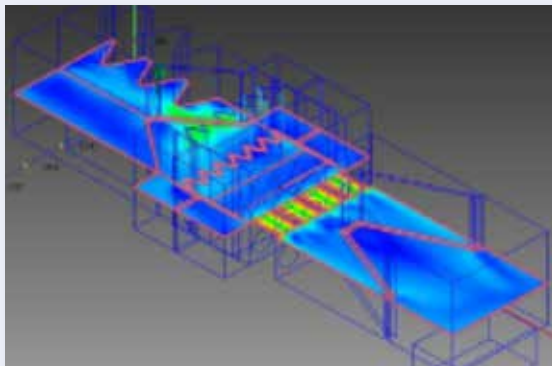


LARGE SCALE AIR HANDLER

- >50,000 CFM

SUPEREVAP CRAH STANDARD DESIGNS

- 104,000 cfm shown
- Low-cost design
- Configurable design (2 foot increments)
- Increasing performance
 - Lab based data
 - Predictive results (CFD)
 - Field data



SUPEREVAP CRAH

BUILT FOR DURABILITY



Steel panel construction



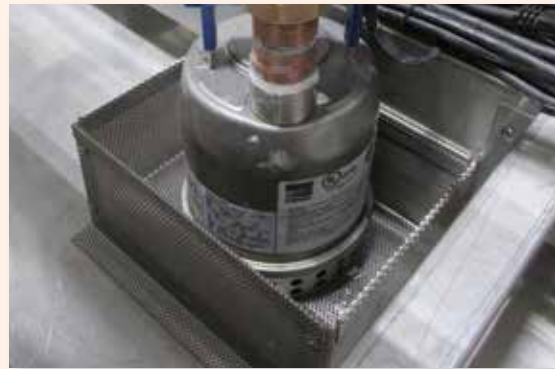
Ultra-efficient adiabatic media



Economizer damper on SuperEvap rooftop unit



Industrial control valves



Stainless steel pump



Fan section with inherent FANWALL® system redundancy



Filter Section: MERV 8 and MERV 13 filters available

SUPEREVAP CRAH SPECS

Model Type		Vertical SuperEvap CRAHU			Horizontal S.E.AHU
	Units	SEVCR 22.5k	SEVCR 30k	SEVCR 38k	SEVRTU 100k
Airflow	cfm	22500	30000	38000	100000
# fans/unit		3	4	5	12
FanType		FANWALL			
Backdraft Dampers		Included			
Ext Static Pressure	In. H2O	1	1	1	1.25
Fan Absorbed Power	kW	6.8	9.1	11.6	55.0
Fan Motor Type		Permanent Magnet Motors			Conventional Motor
Filter Type PerfectPleat		MERV 13			MERV 13
# of Filters 12" x 24"		3	15	7	0
# of Filters 24" x 24"		9	0	14	60
Filter Media face area	sq ft	35	50	70	240
Filter/Adiabatic Media face velocity	fpm	643	600	543	714
Cooling Technology - Wetted Media		85% Effective			95% Effective
Nominal Outside Air Temp (EAT)	deg F	95db/76wb	95db/76wb	95db/76wb	95db/76wb
Gross Cooling Performance	kW	135	180	228	601
PARTIAL PUE		1.050	1.050	1.051	1.091
Dimensions H/W/D	Inches	66" x 120" x 163"	66" x 160" x 163"	66" x 200" x 163"	148" x 156" x 310"
Weight Operating	lb	5865	7385	9211	20351

Note: Horizontal AHU Version is configurable in 2 ft increments to meet performance/site requirements

13200 Pioneer Trail, Suite 150
Eden Prairie, Minnesota
55347-4125 USA

+1 952.358.6600
+1 952.358.6700 fax
www.nortekair.com

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