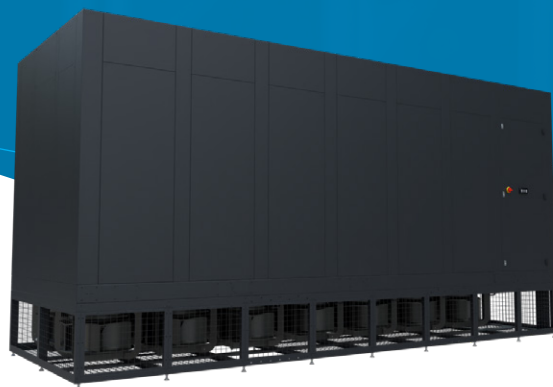


EdgeAire™

Agile Precision Cooling up to 300kW

30-300kW CRAH

- Purpose built for Edge & Telco mission critical applications
- Optimized for higher return air temperature
- Intelligent controls platform
- Proudly engineered and assembled in the USA



Precision Cooling

Up to 300kW – Customized for Your Edge Facilities

Developed specifically for agile edge data center applications, EdgeAire™ is a versatile cooling system, engineered to meet challenges of increasing heat density and space constraints.

Based on the proven Airedale by Modine® CRAH platform, its focus is on efficiency and flexibility, while delivering precise control of temperature and humidity.

With a single unit cooling capacity of up to 300kW, optimized for maximum free cooling, when paired with a free cooling chiller, and with a minimal footprint allowing more space for servers, EdgeAire™ contributes to a low PUE and gives scalability for future growth.

- Touch screen user interface (full color graphic)
- Supply or return air temperature control optimized PID loop
- Available automatic transfer switch dual power supply
- Airflow management via constant pressure control



helix

	Unit	EA09D xxxCLBS	EA12D xxxCLBS	EA18D xxxCLBS	EA22D xxxCLBS	EA25D xxxCLBS	EA31D xxxCLBS	EA35D xxxCLBS	EA35D xxxCLDS	EA35D xxxCLDX
Unit Dimension (H x W x D)	in.	78 x 35.4 x 35	78 x 47.2 x 35	78 x 70.9 x 35	78 x 86.8 x 35	78 x 98.4 x 35	78 x 122 x 35	78 x 137.8 x 35	78 x 137.8 x 41.3	89.8 x 137.8 x 41.3
Water Flow Rate	gpm	15.1	22.7	36.2	46.2	53.8	68.8	79.1	93.6	108.7
Number of Fans		1	1	2	3	3	4	4	4	4
Max Air Flow	cfm	8,463	11,028	19,715	24,354	29,180	37,874	40,671	37,596	39,997
Nominal Air Flow	cfm	6,102	9,154	14,530	18,625	21,676	27,779	31,847	32,758	38,203
Coil Rows		6	6	6	6	6	6	6	10	10
Coil Capacity at Max Air Flow	kW	52.1	70	122.4	151.9	181.1	233.8	255.1	279.9	298.9
Coil Capacity at Nominal Air Flow	kW	40	60	95.5	122.0	142.1	181.6	208.8	247.2	286.9

Control valve options 2 port, 2 x 2 port (hybrid 3 port control) & PICV/Energy Valve

High level side (LH or RH, detail with order) flanged to PN16

LAN (local area network) for airflow management (redundancy control)

Designed for close approach and wide waterside TD's

Low & high flow coil geometries to optimize pressure drop

UltraCap UPS for control circuit (backup power)

LH/RH fluid connections

High capacity backward curved EC fans to enhance airflow delivery and efficiency

Optional: Seismic floor stand



Scan to view all of our Edge products!



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