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Vertical Closet Hybrid Water-Cooled Air Conditioner

VCHW Series

Designed to operate within an equipment closet, Ice Air's Vertical Closet Hybrid Water-Cooled Air Conditioners (VCHW) provide a clean look within rooms as well as optimal installation and maintenance conditions. These quiet units feature high EERs, efficient motors and low-speed fan operation for low operating costs and reduced energy consumption.

Features:

- Perfect for new construction or replacement projects
- Rotary or scroll compressors
- R-410A Green refrigerant
- 13.0+ EERs
- Advanced programmable controls available
- Ultra-quiet
- Optional access doors and color-matched grilles available



SERIES MODEL #	8VCHW09	8VCHW12	8VCHW15	8VCHW18	8VCHW24	8VCHW30	8VCHW36	8VCHW42	8VCHW48	8VCHW60	8VCHW70
Cooling Capacity (Btu/h)	9,300	12,200	14,300	18,800	23,500	28,900	34,400	38,500	48,300	60,000	67,000
Sensible Capacity (Btu/h)	7,000	9,100	10,600	13,900	17,400	21,300	25,200	28,100	35,100	43,400	48,500
Cooling EER w/PSC	14.0	13.5	15.9	14.3	14.4	14.9	14.8	14.2	13.8	14.2	14.0
Cooling EER w/ECM	14.5	14.1	16.4	14.9	14.9	15.4	15.5	14.9	14.5	14.9	14.7
Flow Rate (GPM)	2.3	3.0	3.8	4.5	6.0	7.5	9.0	10.5	12.0	15.0	17.5
Air Flow (CFM)	300	400	500	600	800	1,000	1,200	1,400	1,600	2,000	2,400
WPD (PSI)	3.1	2.8	4.4	3.9	6.4	6.5	4.6	6.3	8.3	7.7	10.3

SPECIFICATION NOTES:

COOLING CAPACITY BTUH RATED @ 80.6°F, 66.2°F WB EAT 86°F EWT @ 3 GPM/TON

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EWT 120°F	10,500	16,900	21,000	25,500	28,000	31,200	37,400	43,700	49,900	62,400	72,800
EWT 105°F	8,500	12,300	15,500	18,600	19,800	21,900	26,300	30,600	35,100	43,800	51,500
EWT 95°F	6,300	9,200	12,000	15,800	16,700	17,800	21,300	24,900	28,500	35,600	41,500

SPECIFICATION NOTES:

HEATING CAPACITY BTUH RATED @ 68°F DB, 62°F WB EAT @ 3 GPM/TON