

Vertical “Closet” Water Source Heat Pump

# VCHPW Series

Designed to operate within an equipment closet, Ice Air’s Vertical Closet WSHP provides 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:**

- R410A “green” refrigerant
- 13+ EER
- High efficiency
- Digital controls designed to optimize user comfort and ease of operation
- Available for new construction and replacement applications



SERIES MODEL #	8VCHPW09	8VCHPW12	8VCHPW15	8VCHPW18	8VCHPW24	8VCHPW30	8VCHPW36	8VCHPW42	8VCHPW48	8VCHPW60	8VCHPW70
<b>Cooling Capacity (Btu/h)</b>	9,300	12,200	14,300	18,800	23,500	28,900	34,400	38,500	48,300	60,000	67,000
<b>Sensible Capacity (Btu/h)</b>	7,000	9,100	10,600	13,900	17,400	21,300	25,200	28,100	35,100	43,400	48,500
<b>Cooling EER w/PSC</b>	14.0	13.5	15.9	14.3	14.4	14.9	14.8	14.2	13.8	14.2	14.0
<b>Cooling EER w/ECM</b>	14.5	14.1	16.4	14.9	14.9	15.4	15.5	14.9	14.5	14.9	14.7
<b>Heating Capacity (Btu/h)</b>	11,000	14,500	16,700	22,300	29,500	33,600	38,400	48,500	55,000	71,500	77,000
<b>Heating COP</b>	4.8	4.5	5.7	5.2	4.8	4.7	4.5	4.3	4.4	4.6	4.5
<b>Flow rate (GPM)</b>	2.3	3	3.8	4.5	6	7.5	9	10.5	12	15	17.5
<b>Air Flow (CFM)</b>	300	400	500	600	800	1,000	1,200	1,400	1,600	2,000	2,400
<b>WPD (PSI)</b>	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  
HEATING CAPACITY BTUH RATED @ 68°F DB, 62°F WB EAT @ 3 GPM/TON