

Vertical Stack Geothermal Water Source Heat Pump

VSHPGE Series

Ice Air's Vertical Stack Geothermal WSHP is a versatile geothermal heat pump that's available in a range of sizes and configurations for convenient installation. Fully compatible with geothermal conditions, Ice Air's Vertical Stack Geothermal WSHP offer high efficiencies — up to 21 EER in cooling on select models — and provide an ideal solution for whisper quiet cooling and heating within a tight footprint.

Features:

- R410A “green” refrigerant
- Highest efficiency in market
- 17+ EER
- 3.6+ COP
- Advanced controls on every unit
- Industry best sound levels



SERIES MODEL #	8VSHPE09	8VSHPE12	8VSHPE15	8VSHPE18	8VSHPE24	8VSHPE30
Cooling Capacity (Btu/h)	11,000	13,800	15,000	19,500	24,800	30,000
Sensible Capacity (Btu/h)	9,500	10,800	12,100	15,400	18,600	24,000
EER	21.3	20.1	17.5	18.7	18.4	17.3
Heating Capacity (Btu/h)	6,500	9,000	10,500	13,400	17,000	21,900
COP	3.64	3.7	3.7	3.63	3.66	3.6
Flow Rate (GPM)	2.3	3	3.8	4.5	6	7.5
Air Flow (CFM)	460	500	560	620	800	1000
Voltage/Hz/Ph	208-230/60/1					
Compressor RLA	3.25	4.1	5.5	6.1	9.15	11.25
Compressor LRA	20	27	28.5	35.6	43	62
Fan Motor FLA	2					3.98
MCA	6.6	7.6	9.4	10.1	13.9	19
MOP	9.3	11.2	14.4	15.7	22.6	29.3
Fuse Size	15				20	25

SPECIFICATION NOTES:

COOLING CAPACITY BTUH RATED AT @ 80.6°F, 66.2°F WB EAT 77°F EWT @ 3 GPM/TON

HEATING CAPACITY BTUH RATED AT @ 68°F DB, 59°F WB EAT, 32°F EWT @ 3 GPM/TON

The performance data shown above is based on standard equipment under the provided design conditions. Performance may vary depending on equipment configuration and project site conditions.