



220V H.E.
QUANTUM SERIES
PRODUCT SHEETS

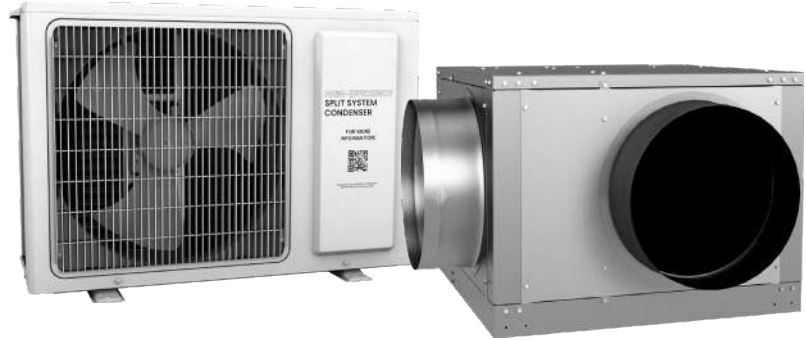
QUANTUM H.E.

220V H.E. Condensing Unit (Fully-Ducted)



FEATURES

- + Durable galvanized housing
- + Quiet and efficient operation
- + Interchangeable evaporator airflow panels
- + Advanced electronic control system
- + Flare fittings for easy installation
- + Standard and 24V thermostat options available.
- + 55°F temp. differential between the cellar & condensing unit air intake temp.



UNIT SPECS

*Approximated in an environment that is fully insulated and sealed with a proper vapor barrier. Each wine cellar is unique and has specific cooling requirements. Heat load calculations should always be performed prior to selecting a cooling unit.

EVAPORATOR

Model	9000	12000
Cellar Size	3000 cu. ft.*	4000 cu. ft.*
BTU/h (60°F condenser air intake temperature) Sensible / Total	10985 / 11316	12147 / 14576
BTU/h (75°F condenser air intake temperature) Sensible / Total	10711 / 11019	12187 / 14256
BTU/h (85°F condenser air intake temperature) Sensible / Total	10145 / 10786	11704 / 13844
dBA	52	52
Dimensions	29.5"L x 30.9"W x 19.8"H	
Refrigerant	R-134a	
Voltage Rating	120V (15-amp dedicated circuit required)	
Weight (lbs)	96	
Amps	9.2 (Running Amps)	
Drain Line	3/4" ID CPVC	
Installation	Evaporator unit can be installed up to 25 duct feet away from the cellar.	
Thermostat	Advanced digital display (50-ft. cable), liquid-temperature-measuring bottle probe (50-ft. cable), 24V - customer supplied	
Temp. Delta	Can maintain a 55°F cellar temperature with up to 120°F condenser air intake temperature	
Warranty	Two-year limited warranty (parts and labor)	

CONDENSER

Model	9000	12000
dBA	48	52
Dimensions	31.18"L x 10.75"W x 21.18"H	31.18"L x 10.75"W x 23.25"H
Condensing Unit HP	1HP	1.5HP
Voltage Rating	220V (15-amp dedicated circuit required)	
Weight (lbs)	64	84
Amps	LRA 20, RLA 4.25, FLA 4.89	LRA 23.6, RLA 5.76, FLA 6.6
Line Set	Liquid line 3/8" OD; Suction line 5/8" OD (less than 50 ft.), 3/4" (greater than 50 ft.)	
Installation	Condensing unit can be installed up to 100 line feet from evaporator unit.	
Temp. Delta	Can maintain a 55°F cellar temperature with up to 120°F condenser air intake temperature.	
Warranty	Two-year limited warranty (parts and labor)	

QUANTUM TWIN H.E.

220V H.E. Condensing Unit (Fully-Ducted)



FEATURES

- + Durable galvanized housing
- + Quiet and efficient operation
- + Interchangeable evaporator airflow panels
- + Advanced electronic control system
- + Flare fittings for easy installation
- + Standard and 24V thermostat options available.
- + 55°F temp. differential between the cellar & condensing unit air intake temp.



UNIT SPECS

*Approximated in an environment that is fully insulated and sealed with a proper vapor barrier. Each wine cellar is unique and has specific cooling requirements. Heat load calculations should always be performed prior to selecting a cooling unit.

EVAPORATOR

Model	18000	24000
Cellar Size	5000 cu. ft.*	7500 cu. ft.*
BTU/h (60°F condenser air intake temperature) Sensible / Total	15513 / 18250	22893 / 26933
BTU/h (75°F condenser air intake temperature) Sensible / Total	14582 / 17155	21977 / 25856
BTU/h (85°F condenser air intake temperature) Sensible / Total	13806 / 16243	21519 / 25317
dBA	58	58
Dimensions	29.5"L x 30.9"W x 19.8"H	
Refrigerant	R-134a	
Voltage Rating	120V (15-amp dedicated circuit required)	
Weight (lbs)	96	
Amps	9.2 (Running Amps)	
Drain Line	3/4" ID CPVC	
Installation	Evaporator unit can be installed up to 25 duct feet away from the cellar.	
Thermostat	Advanced digital display (50-ft. cable), liquid-temperature-measuring bottle probe (50-ft. cable), 24V - customer supplied	
Temp. Delta	Can maintain a 55°F cellar temperature with up to 120°F condenser air intake temperature	
Warranty	Two-year limited warranty (parts and labor)	

CONDENSER

Model	18000	24000
dBA	52	58
Dimensions	31.18"L x 10.75"W x 23.25"H	35.25"L x 12"W x 33.7"H
Condensing Unit HP	2HP	3HP
Voltage Rating	220V (15-amp dedicated circuit required)	220V (25-amp dedicated circuit required)
Weight (lbs)	116	171
Amps	LRA 37, RLA 6.5, FLA 7.56	LRA 46.6, RLA 11.39, FLA 13
Line Set	Liquid line 3/8" OD; Suction line 5/8" OD (less than 50 ft.), 3/4" (greater than 50 ft.)	
Installation	Condensing unit can be installed up to 100 line feet from evaporator unit.	
Temp. Delta	Can maintain a 55°F cellar temperature with up to 120°F condenser air intake temperature.	
Warranty	Two-year limited warranty (parts and labor)	