

FULLY-DUCTED H.E.

220V Condensing Unit

CELLARCOOL

FEATURES

- + UV-C Lighting System
- + Quiet and efficient operation
- + Advanced electronic control system
- + Flare fittings for easy installation
- + Standard and 24V thermostat options available.
- + 55°F temperature differential between the cellar and condensing unit air intake temperature.



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	3500		5000		Twin 9000		
Cellar Size	1000 cu. ft *		1750 cu. ft.*		3000 cu. ft *		
Fan Speed	Medium	High	Medium	High	Low	Medium	High
BTU/h (60°F condenser air intake temperature) Sensible / Total	4463 / 5154	4724 / 5337	4641 / 5415	5028 / 5521	7093 / 7838	7817 / 8015	8017 / 8152
BTU/h (75°F condenser air intake temperature) Sensible / Total	3912 / 4348	4351 / 4544	4427 / 4839	4580 / 4969	6820 / 7677	7420 / 7868	7637 / 8061
BTU/h (85°F condenser air intake temperature) Sensible / Total	3766 / 4096	4082 / 4277	4322 / 4798	4479 / 4879	6450 / 7366	7083 / 7657	7281 / 7879
dBA	42	46	42	46	40	42	46
Dimensions	22.1" L x 22.5" W x 15.5" H						
Refrigerant	R-134a						
Voltage Rating	120V (15-amp dedicated circuit required)						
Weight (lbs)	56						
Amps	2.2 (Running Amps)				Primary 2.48 (Running Amps) ; Secondary (2.2 Running Amps)		
Drain Line	1/2" ID clear plastic tubing (not provided)						
Duct Size	8" Supply • 10" Return				8" Supply (x2) • 10" Return (x2)		
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	3500	5000	9000
dBA	45	48	48
Dimensions	31.18" L x 10.75" W x 21.18" H		
Condensing Unit HP	0.6HP	0.7HP	1HP
Voltage Rating	220V (15-amp dedicated circuit required)		
Weight (lbs)	55	56	64
Amps	LRA 10.7, RLA 2.7, FLA 3.1	LRA 13.2, RLA 3.19, FLA 3.66	LRA 20, RLA 4.25, FLA 4.89
Line Set	Liquid line 1/4" OD; Suction line 1/2" OD (less than 50 ft.), 5/8" (greater than 50 ft.)		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)		