

# CELLARCOOL

Commercial Grade Wine Cellar Cooling Solutions

## OMNI DUCTED FD SPLIT PRODUCT SHEETS



### KEY FEATURES

- Quiet and efficient operation
- Flare fittings for easy installation
- Standard and 24V thermostat options
- Offers excellent efficiency by drawing in the warmer air which accumulates at the ceiling, cooling and dispersing the air throughout the environment.
- 55°F temperature differential between the cellar and condensing unit air intake temperature

\*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.

### SPECIFICATIONS

Model	FD Split 3500		FD Split 5000	
Cellar Size	1000 cu. ft *		1750 cu. ft *	
Fan Speed	Medium	High	Medium	High
BTU/h (60°F condenser air intake temperature) <small>Sensible / Total</small>	4463 / 5154	4724 / 5337	4641 / 5415	5028 / 5521
BTU/h (75°F condenser air intake temperature) <small>Sensible / Total</small>	3912 / 4348	4351 / 4544	4427 / 4839	4580 / 4969
BTU/h (85°F condenser air intake temperature) <small>Sensible / Total</small>	3766 / 4096	4082 / 4277	4322 / 4798	4479 / 4879
CFM	200			
DBA	• EVAP - 42 • COND - 46	• EVAP - 46 • COND - 52	• EVAP - 42 • COND - 46	• EVAP - 46 • COND - 52
Dimensions	• EVAPORATOR - 22.1"L x 22.5"W x 15.5"H • CONDENSER - 23"L x 15.75"W x 15.3H			
Refrigerant	R-134a			
HP	0.5 HP		0.5+ HP	
Voltage Rating	• EVAPORATOR - 120V (15-amp dedicated circuit required) • CONDENSER - 120V			
Weight (lbs)	• EVAPORATOR - 56 • CONDENSER - 75		• EVAPORATOR - 56 • CONDENSER - 86	
Amps	• EVAPORATOR - 2.2 (Running Amps) • CONDENSER - 8.5		• EVAPORATOR - 2.2 (Running Amps) • CONDENSER - 9.5	
Line Set	Liquid line 1/4" OD; Suction line 1/2" OD (less than 50 ft.), 5/8" (greater than 50 ft.)			
Drain Line	1/2" ID clear plastic tubing (not provided) - Rigid tube recommended			
Installation	Evaporator unit is installed in the cellar. Condensing unit can be installed up to 100 ft of line set from the evaporator unit.			
Thermostat	Advanced digital display (50ft. cable), liquid-temperature-measuring bottle probe (50ft. cable)			
Temp. Delta	Can maintain a 55°F cellar temperature with up to 120°F condenser air intake temperature			
Warranty	Two-year limited warranty with up to an additional (1) year grace period for installation. (parts and labor)			

### OPTIONAL ACCESSORIES

24V Thermostat Conversion kit, UV-C Lighting System, Exterior Condenser Housing (**REQUIRED FOR OUTDOOR INSTALLATIONS**), Condenser Ducting Kit

**IMPORTANT NOTE:** Split System cooling units **MUST** be installed by a qualified licensed HVAC/R technician. Failure to do so will void your system's warranty.

