

# SPECIFICATIONS

## Pro Ducted Cooling Units



# Sentinel Series

<b>Model Number</b>		<b>DP25</b>
<b>Power Requirements</b>	volt/phase/hz	115/1/60
<b>Performance (57°/55%RH)</b>		
Nominal Compressor	HP	0.33
Net Cooling Capacity*		Total/Sensible
@ 60 Deg F condenser inlet air	BTUH	4520/3050
@ 70 Deg F condenser inlet air	BTUH	4300/2915
@ 80 Deg F condenser inlet air	BTUH	3760/2715
@ 90 Deg F condenser inlet air	BTUH	3540/2580
@ 110 Deg F condenser inlet air	BTUH	3260/2400
@ 120 Deg F condenser inlet air	BTUH	3000/2260
<b>Performance (80°/50%RH)</b>		
Nominal Compressor	HP	0.33
Net Cooling Capacity*		Total/Sensible
@ 60 Deg F condenser inlet air	BTUH	5980/4000
@ 70 Deg F condenser inlet air	BTUH	5570/3780
@ 80 Deg F condenser inlet air	BTUH	5080/3660
@ 90 Deg F condenser inlet air	BTUH	4425/3500
@ 110 Deg F condenser inlet air	BTUH	4070/3000
@ 120 Deg F condenser inlet air	BTUH	3780/2840
<b>Controls</b>		
Type		24 Volt Control - (Thermostat by Others)
<b>Evaporator Section</b>		
Fan Motor Size	Watts	75
Rated Air Flow (free blow)	CFM	245
Rated Air Flow @ pressure loss	CFM	200 @ 0.10" wc
<b>Air-cooled Condenser Section</b>		
Fan Motor Size	Watts	75
Rated Air Flow (free blow)	CFM	245
Rated Air Flow @ pressure loss	CFM	200 @ 0.10" wc
<b>Water-cooled Condenser Section (option)</b>		
Water usage at 40 Deg F rise	GMP	0.30
Pressure drop	PSI	0.40
Pipe connection size (in/out) O.D.	Inches	0.63
<b>Heat</b>		
Type		Electric
Capacity	Watt/BTUH	1000/3400
<b>Humidifier (Option)</b>		
Type		Removable drip pad with integral fan
Capacity - water temp of 60 Deg F	lbs./hr	0.42
Capacity - water temp of 90 Deg F	lbs./hr	0.97
Capacity - water temp of 100 Deg F	lbs./hr	1.11
<b>Electrical Requirements</b>		
Current Draw - Cooling mode	Amps	7.1
Current Draw - Heating mode	Amps	9.4
Minimum Circuit amps (heat / no heat)	Amps	11.6/8.6
Optional Low Ambient	Amps	0.4
Optional High Ambient	Amps	0.2
Optional Humidifier	Amps	0.4
<b>Cabinet</b>		
Construction		Aluminum chassis & UL rated plastic panels
Finish		Gray metal epoxy powder coat/textured PVC acylic blend
Weight	lbs.	80
Dimensions (inches)	Width	33.45
	Depth	16.6
	Height	15.56
Condensate Drain connection (ID)	inches	.50"
Agency Approval(s)	ETL	UL 1995/CSA C22.2

1. Reduce capacity by 3% for each 10% reduction in evaporator airflow.
2. Wine Guardian reserves the right to make changes to this document without prior notice at its sole discretion.
3. All rating at sea level.

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