

# SPECIFICATIONS

## DUCTED SPLIT SYSTEMS



Model Number		SS025	SS050	SS088	SS200		
<b>Wine room size</b>	<b>Cubic feet</b>	<b>400 - 2000</b>	<b>800 - 3000</b>	<b>1500 - 6000</b>	<b>2500- 8500</b>		
<b>Performance</b>							
Net Cooling Capacity*	Total /	@115V	@115V	@208V	@230V	@208V	@230V
@10 Deg F condenser inlet air	BTUH	3120/2150	4380/3240	9965/6965	10270/7180	11,340/8200	11,750/8400
@40 Deg F condenser inlet air	BTUH	3150/2280	5370/3890	10310/7080	10630/7300	11,400/8350	11,800/9300
@60 Deg F condenser inlet air	BTUH	4140/3000	5770/4170	10440/7400	10760/7630	15,150/11,100	15,700/12,100
@70 Deg F condenser inlet air	BTUH	3880/2840	5550/4260	9855/6935	10160/7150	14,800/10,800	15,300/11,800
@80 Deg F condenser inlet air	BTUH	3830/2870	5500/4250	9140/6920	9420/7135	14,400/10,550	14,900/11,400
@100 Deg F condenser inlet air	BTUH	3400/2735	4650/3630	7680/5695	7920/5870	13,800/10,100	14,300/11,100
@115 Deg F condenser inlet air	BTUH	3110/2525	4640/3360	6985/5085	7200/5240	12,400/9100	12,800/10,100
<b>Controls</b>							
Type	Room mounted non-programmable combination thermostat humidistat						
Temperature Accuracy/RH% Accuracy	+/- 1 Deg F / +/- 10% RH						
<b>Fan-coil Section</b>							
Fan Motor Size	Rated Watts	75	100	115	195	160	180
Rated Air Flow (free blow)	CFM	245	410	460	520	740	800
Rated Air Flow @ pressure loss	CFM	220 @0.10" wc	380 @0.20" wc	410 @0.20" wc	410 @0.20" wc	710@0.35"wc	750@0.35"wc
<b>Heat (Option)</b>							
Type	electric						
Capacity	Watt/BTUH	1000/3400	1000/3400	1635/5582	2000/6800	1635/5582	2000/6800
<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 120 Deg F	lbs./hr	1.11					
<b>Electrical Requirements</b>							
Power	volt/phase/hz	115/1/60	115/1/60	208/1/60	230/1/60	208/1/60	230/1/60
Current Draw - Cooling mode	Amps	0.7	0.9	0.85	0.8	0.8	0.8
Current Draw - Heating mode	Amps	9.4	9.6	8.7	9.5	8.7	9.5
Minimum Circuit Size (w/heat option)	Amps	11.6	11.8	10.7	11.7	10.7	11.7
Optional Humidifier	Amps	0.3	0.3	0.2	0.2	0.2	0.2
<b>Cabinet</b>							
Construction	Aluminum						
Finish	Black - textured epoxy powder coat						
Weight	lbs.	25	35	37	56		
Dimensions - inches	Length	16.75	16.75	16.75	21.00		
	Width	14.00	22.00	22.00	22.00		
	Height	14.13	14.13	14.13	18.00		
<b>Condensate Drain - 1/2" id tubing</b>	Inches	0.5	0.5	0.5		0.5	
Condensing Unit		M2FH-0039-IAA-0H2	M2FH-A056-IAA-0H2	FTAH-A101-CFV-0H2	FFAS-A25Z		
Nominal Compressor	HP	1/3 hp	1/2 hp	1 hp	2.5 hp		
Fan Motor Size	Watts	140	140	130	250		
Rated Air Flow (free blow)	CFM	450	450	710	1700		
Weight	lbs.	85	98	152	250		
<b>Enclosure</b>							
Construction	Steel						
Finish	Paint						
Dimensions	Length	24.13	24.13	30.25	32		
	Width	19.13	19.13	23.38	38		
	Height	18.25	18.25	22.25	27		
<b>Electrical Requirements</b>							
Power	volt/phase/hz	115/1/60	115/1/60	208/1/60	230/1/60	208/1/60	230/1/60
MCA	Amps	10.7	15.5	14.8	14.8	19	19
Max brkr	Amps	15	20	20	20	30	30
<b>Agency Approval(s)</b>		ETLc	ETLc	ETLc		ETLc	

1. Net cooling capacity at entering temperature and humidity conditions of 57 Deg F and 55% RH at rated airflow. 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 ratings at sea level.