



SPECIFICATIONS

DUCTED SPLIT SYSTEMS



Model Number		SS025	SS050	SS088	SS200		
Wine room size	Cubic feet	400 - 2000	800 - 3000	1500 - 6000	2500 - 8500		
Performance							
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	TBD	TBD
@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
Controls							
Type		Room mounted non-programmable combination thermostat humidistat					
Temperature Accuracy/RH% Accuracy		+/- 1 Deg F / +/- 10% RH					
Fan-coil Section							
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
Heat (Option)							
Type		electric	electric	electric	electric	electric	electric
Capacity	Watt/BTUH	1000/3400	1000/3400	1635/5582	2000/6800	1635/5582	2000/6800
Humidifier (Option)							
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					
Electrical Requirements							
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
Cabinet							
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	
Condensate Drain - 1/2" id tubing							
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	
Enclosure							
Construction		Steel	Steel	Steel		Steel	
Finish		Paint	Paint	Paint		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	
Electrical Requirements							
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
Agency Approval(s)							
		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.