



# SPECIFICATIONS

## WG Pro SPLIT Series

Model Number		SP25	SP50	SP88	SP200
Power Requirements	volt/phase/hz	Total/Sensible @208/230V	Total/Sensible @208/230V	Total/Sensible @208-230V	Total/Sensible @208-230V
<b>Performance (57°/55%RH)</b>					
Net Cooling Capacity*		Total/Sensible	Total/Sensible	Total/Sensible	Total/Sensible
@10 Deg F condenser inlet air	BTUH	4100/3178 BTUH	5535/4203 BTUH	10763/8610 BTUH	N/A
@40 Deg F condenser inlet air	BTUH	3793/3178 BTUH	6458/5023 BTUH	10865/8815 BTUH	17118/11173 BTUH
@60 Deg F condenser inlet air	BTUH	3485/3075 BTUH	6765/5330 BTUH	10455/8405 BTUH	17425/11173 BTUH
@80 Deg F condenser inlet air	BTUH	3485/3178 BTUH	6458/5023 BTUH	9840/7688 BTUH	15785/10455 BTUH
@100 Deg F condenser inlet air	BTUH	3178/2768 BTUH	5740/4510 BTUH	9225/7073 BTUH	14145/9738 BTUH
@115 Deg F condenser inlet air	BTUH	2973/2563 BTUH	5125/3793 BTUH	8713/6663 BTUH	12608/8815 BTUH
<b>Controls</b>					
Type		24 Volt Control - (Thermostat by others)			
Temperature Accuracy/RH% Accuracy		N/A Dependant Upon Controller			
Fan Motor Size	Rated Watts	90 Rated Watts	115 Rated Watts	220 Rated Watts	180 Rated Watts
Rated Air Flow (free blow)	CFM	236 CFM	410 CFM	482 CFM	759 CFM
Rated Air Flow @ pressure loss	CFM	226 @ 0.10" wc / CFM	359 @ 0.20" wc / CFM	457 @ 0.20" wc / CFM	728 CFM @ 0.35" wc / CFM
<b>Heat</b>					
Type		Electric	Electric	Electric	Electric
Capacity	Watt	1000 Watts	1000 Watts	2000 Watts	2000 Watts
<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 Volts/1 phase/60Hz	115 Volts/1 phase/60Hz	208-230Volts/1 phase/60Hz	208-230Volts/1 phase/60Hz
Current Draw - Cooling mode	Amps	0.8 Amps	0.9 Amps	0.8 Amps	0.8 Amps
Current Draw - Heating mode	Amps	9.4 Amps	9.6 Amps	9.5 Amps	9.5 Amps
Minimum Circuit Size (w/heater option)	Amps	11.6Amps	11.8 Amps	11.7 Amps	11.7 Amps
Optional Humidifier	Amps	0.3 Amps	0.3 Amps	0.3 Amps	0.3 Amps
<b>Cabinet</b>					
Construction		Aluminum			
Finish		Black - textured epoxy powder coat			
Weight	lbs.	25 lbs	35 lbs	37 lbs	56 lbs
Dimensions - inches	Length	16.7 inches	16.7 inches	16.7 inches	21.0 inches
	Width	14.0 inches	22.0 inches	22.0 inches	22.0 inches
	Height	14.1 inches	14.1 inches	14.1 inches	18.0 inches
Condensate Drain - 1/2" id tubing	Inches	0.5 inches	0.5 inches	0.5 inches	0.5 inches
<b>Condensing Unit</b>					
Nominal Compressor	Amps	3.1 Amps	4.8 Amps	11.3 Amps	11.3 Amps
Fan Motor Size	Watts	75 Watts	75 Watts	150 watts	150 watts
Rated Air Flow (free blow)	CFM	275 CFM	375 CFM	420 CFM	875 CFM
Weight	lbs.	75 lbs	76 lbs	96 lbs	120 lbs
<b>Enclosure</b>					
Construction		Aluminum			
Finish		Powder-coated			
Dimensions	Length (in)	12.3 inches	12.3 inches	12.3 inches	12.3 inches
	Width (in)	34.0 inches	34.0 inches	34.0 inches	34.0 inches
	Height (in)	26.07 inches	26.07 inches	26.07 inches	26.07 inches
<b>Electrical Requirements</b>					
Power	volt/phase/hz	208/230 Volts/1 Phase/60Hz	208/230 Volts/1 Phase/60Hz	208-230 Volts/1 Phase/60Hz	208-230 Volts/1 Phase/60Hz
MCA	Amps	4.2 Amps	6.4 Amps	14.9 Amps	24.4 Amps
Max brkr	Amps	8.0 Amps	10.0 Amps	25 Amps	40 Amps
<b>Agency Approval(s)</b>					
		ETLc	ETLc	ETLc	ETLc

Evaporator Section

Condensing Unit

1. Net cooling capacity at entering temperature and humidity conditions of 57 Deg F (14 Deg C) 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.
4. All btuh capacity and airflow (CFM) values shown are at tested 230v applied on 208/230v rated units (Condensing units and larger evaporators). If field application allows 208v applied to the units dual rated, you can generally expect 2.5%-3.0% decreases in values shown.