

Performance Data **G52 Models 8000/12000 BTU/Hr. (2300/3500 Watt)**

CATALOG NUMBER							
Indoor Model	G520816G050	G520826G050	G520846G050	G521216G050	G521226G050	G521246G050	
Indoor Model Stainless Steel Type 4X	G520816G051	G520826G051	G520846G051	G521216G051	G521226G051	G521246G051	
Indoor Model with Remote Access Control*	G520816G060	G520826G060	G520846G060	G521216G060	G521226G060	G521246G060	
Outdoor Model without Heat Pkg.	G520816G100	G520826G100	G520846G100	G521216G100	G521226G100	G521246G100	
Outdoor Model Partial Recessed Mount	G520816G101	G520826G101	G520846G101	G521216G101	G521226G101	G521246G101	
Outdoor Model without Heat Pkg. Stainless Steel Type 4X	G520816G102	G520826G102	G520846G102	G521216G102	G521226G102	G521246G102	
Outdoor Model with Heat Pkg.	G520816G150	G520826G150	G520846G150	G521216G150	G521226G150	G521246G150	
Outdoor Model with Heat Pkg. Stainless Steel Type 4X	G520816G151	G520826G151	G520846G151	G521216G151	G521226G151	G521246G151	

COOLING PERFORMANCE							
Nominal:							
BTU/Hr.	8000	8000	8000	12000	12000	12000	
Watts	2300	2300	2300	3500	3500	3500	
At 131 F/131 F (55 C/55 C):							
BTU/Hr.	7300/8200	7300/8200	8800/9800	12000/12500	12000/12500	11100/12000	
Watts	2139/2403	2139/2403	2578/2871	3516/3662	3516/3662	3252/3516	
At 95 F/95 F (35 C/35 C):							
BTU/Hr.	6000/6800	6000/6800	7400/8200	9900/10700	9900/10700	9900/10700	
Watts	1758/1992	1758/1992	2168/2402	2900/3135	2900/3135	2900/3135	
Refrigerant	R134a	R134a	R134a	R134a	R134a	R134a	
Refrigerant Charge (ounces/grams)	24/680	24/680	24/680	38/1077	38/1077	38/1077	
Operating Temperature Range:							
Maximum (°F/°C)	131/55	131/55	131/55	131/55	131/55	131/55	
Indoor Minimum (°F/°C)	50/10	50/10	50/10	50/10	50/10	50/10	
Outdoor Minimum (°F/°C)	-40/-40	-40/-40	-40/-40	-40/-40	-40/-40	-40/-40	
Airflow at 0 Static Pressure:							
Internal loop 50 Hz (CFM / m³/hr.)	285/484	285/484	285/484	287/487	287/487	287/487	
External loop 50 Hz (CFM / m³/hr.)	650/1104	650/1104	650/1104	635/1078	635/1078	635/1078	
Internal loop 60 Hz (CFM / m³/hr.)	310/527	310/527	310/527	305/518	305/518	305/518	
External loop 60 Hz (CFM / m³/hr.)	700/1189	700/1189	700/1189	650/1104	650/1104	650/1104	
Max. Heater W (Outdoor Models):	2000	2000	NA	2000	2000	NA	

ELECTRICAL DATA							
Rated Voltage	115	230/208-230	400/460 3~	115	230/208-230	400/460 3~	
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	
Operating Range	+/- 10%	+/- 10%	+/- 10%	+/- 10%	+/- 10%	+/- 10%	
Max. Power Consumption (W)	1250/1415	1250/1415	806/957**	2100/2427	1830/2130	910/1106**	
Max. Nominal Current (A)	11.2/12.3	5.6/7.0-6.2	3.1/3.2	16.1/21.0	9.1/10.6-9.5	3.6/3.5	
Starting Current (A)	48	27	16	57	38	16	

Agency Approvals
 cUL Listed
 CE
 GOST
 Others available upon request
 Terminal Block

ENCLOSURE PROTECTION	
UL Type	Type 12, 3R, 4 standard Type 4X Stainless steel optional
International Rating	IP56 internal loop IP34 external loop

CONTROLLER	
Description	Basic mechanical thermostat with digital display
Thermostat Location	Enclosure side on all base models
Digital Display Location:	
Indoor Models	Ambient side
Outdoor Models	Enclosure side
Factory Thermostat Setting (F/C)	80/27

SOUND LEVEL	
At 1.5 Meters	68 dB(A)

UNIT CONSTRUCTION	
Material	Galvanized sheet metal standard Stainless steel optional
Finish	RAL 7035 light-gray, semi-textured powder-coat paint standard Other colors available

ACCESSORIES	
Cleanable Re-usable Filter	Aluminum mesh Part #101000103
EASYSWAP Adaptor Plenum (GENESIS™ M52)	Enables SPECTRACOOL to be mounted to a GENESIS M52 air conditioner cutout Catalog Number PLM52G52

UNIT DIMENSIONS							
Height (in./mm)				52.69/1338			
Width (in./mm)				17.12/435			
Depth (in./mm)				11.66/296			
Weight (lb./kg)	128/58.1	128/58.1	138/62.6	131/59.4	131/59.4	141/64.0	

*Units with Remote Access Control utilize a digital controller and communicate via SNMP over ethernet or modbus RTU over USB.

**Watts based on .65 power factor.