

SPECTRACOOOL SLIM FIT



INDUSTRY STANDARDS

- UL/cUL Listed; Type 12; File No. SA6453
- CE, EAC, RoHS
- Cooling performance tested by TÜV SÜD Germany, according to DIN EN 14511
- IP 54 internal loop, IP 34 external loop



APPLICATIONS

- Automation
- Machine Tool
- Automotive
- Packaging Systems, Material Handling
- MRO (Maintenance Repair Operation)

SCOPE OF DELIVERY

- Air conditioner unit
- Mounting gasket and hardware kit
- Cutout template
- Instruction manual
- Quick start guide

FEATURES

- Protection class: IP 54 (internal loop) / UL Type 12
- Standardized dimensions and cutouts – easy exchange by cutouts and mounting points
- Slim depth with 3 mounting options: surface, partial recess and full recess mount; mounting options all in the same model; easy changeable
- Attractive design plastic cover with high, optimized airflow
- Dust resistant coils for filterless operation
- High efficiency rotary compressor

- Active condensate management with heater strip
- Smart controller with easy setup, status codes and alarm output
- Master Slave option - reduce down time
- Door switch capability and alarm output
- Terminal block
- Remote access control - Worldwide monitoring with SNMP, Ethernet/IP, Modbus-TCP and ProfiNet

SPECIFICATIONS

- Cooling capacity: 300 Watt to 4000 Watt
- Voltage: 230 V (50/60 Hz), 115 V (50/60 Hz) and 400/460 V 3-phase (50/60 Hz)
- Operating temperature range: 10 °C to 55 °C

OPTIONS

- Filter
- Drain tube kit
- Remote access control by Comm-Board

FINISH

- Standard RAL 7035 light grey paint color
- Other colors and textures on request

For product general accessories, please refer to the chapter "Accessories".

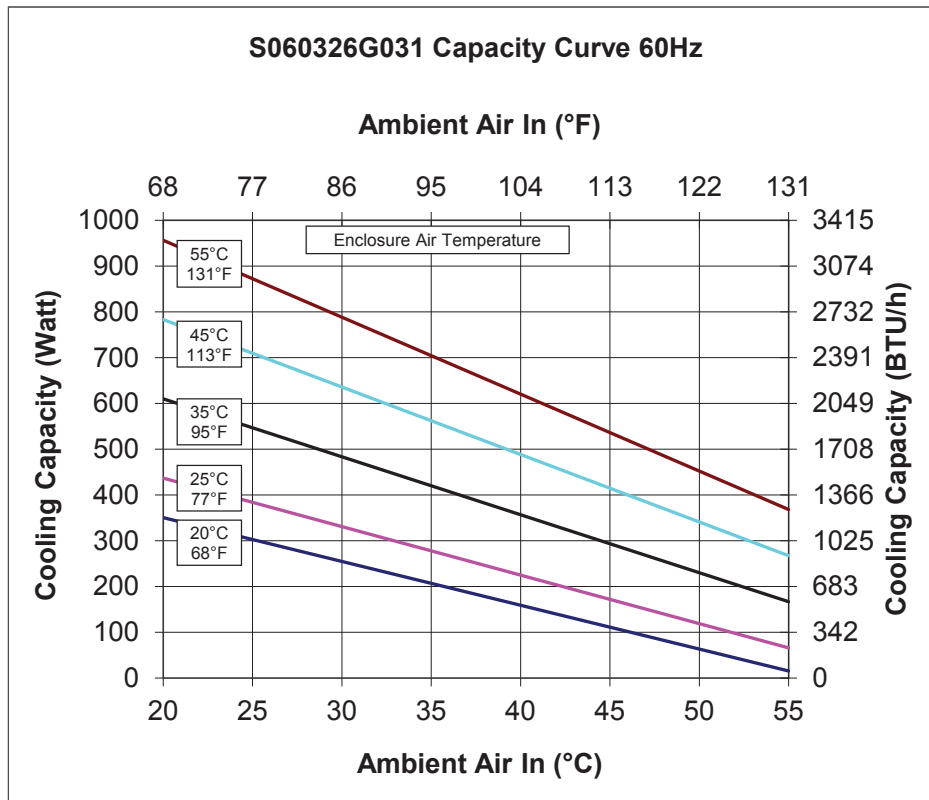
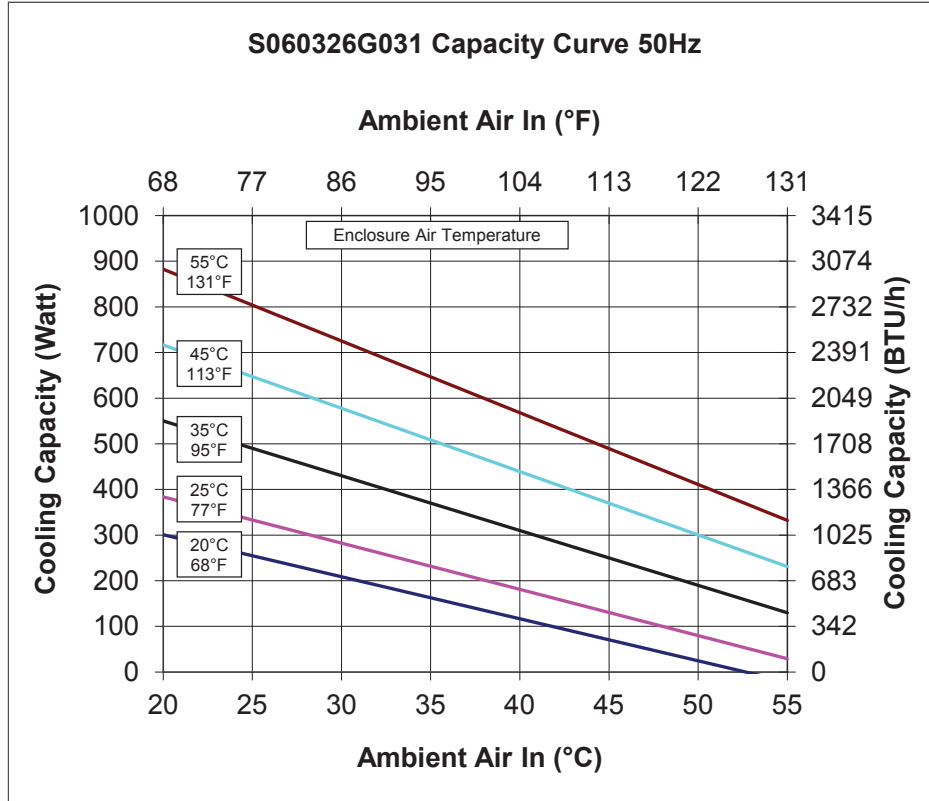
NOTES :

SPECTRACOOOL SLIM FIT – 300 WATT MODEL
TWO MOUNTING OPTIONS: SURFACE AND FULL RECESS MOUNT

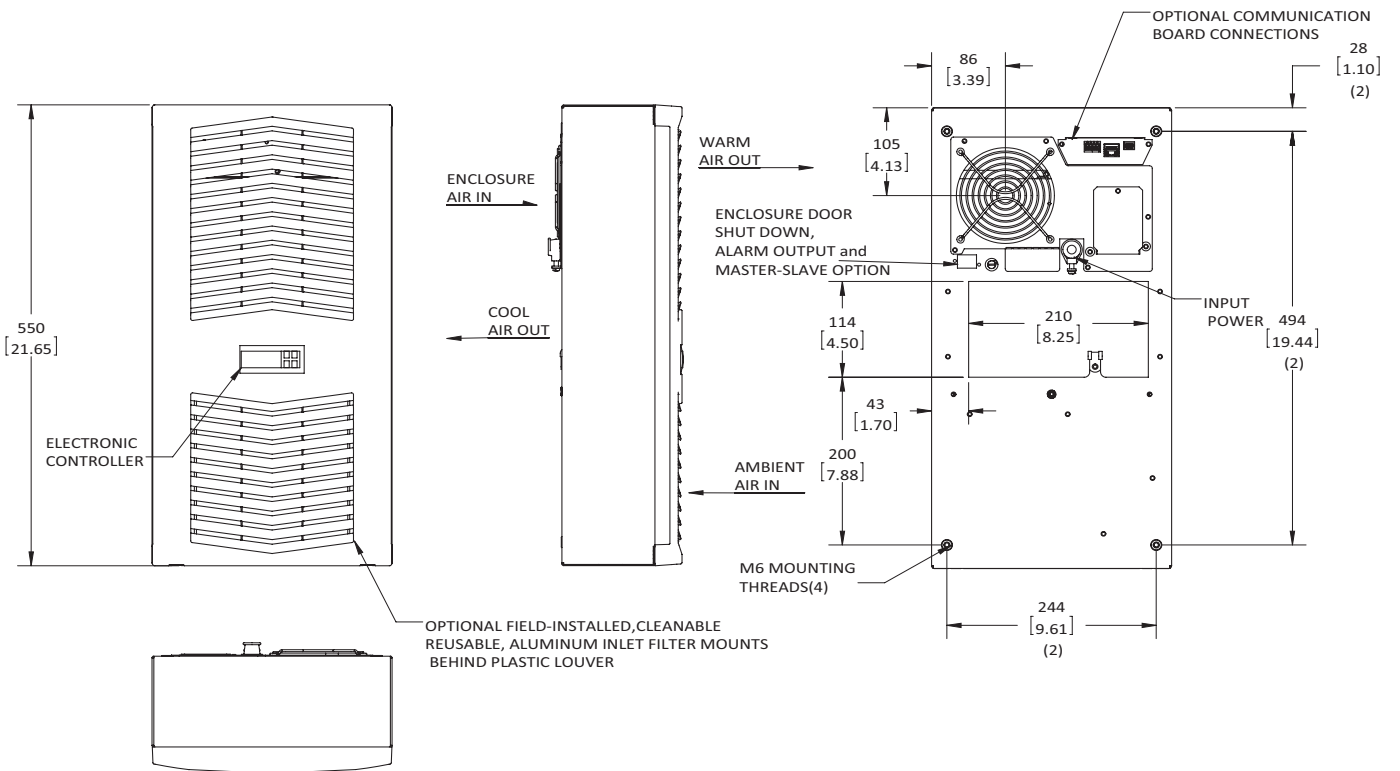
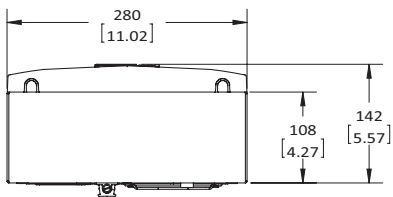
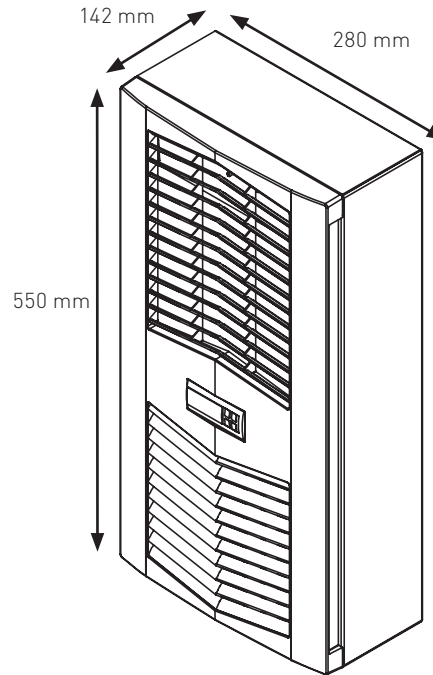
Unit Reference	300W 115V	300W 230V
Item number		
Indoor Model without Comm-Board	S060316G031	S060326G031
Indoor Model with Comm-Board	S060316G041	S060326G041
COOLING PERFORMANCE		
Total L35 L35, 50Hz, according to DIN EN 14511 (Watt)	370	370
Cooling Performance L35 L35 (Watt) 50/60Hz	370 / 420	370 / 420
Cooling Performance L35 L50 (Watt) 50/60Hz	190 / 230	190 / 230
Refrigerant	R134a	R134a
Refrigerant Charge (g)	133	128
Allowable Operating Pressure Max. allowable operating pressure (p. max.) bar	28	28
Operating Temperature Range Min. / Max. °C	10 / 55	10 / 55
Setting Temperature Range Min. / Max. °C	20 / 55	20 / 55
Airflow at 0 Static Pressure Internal Loop (m ³ /h)	109 / 124	109 / 124
External Loop (m ³ /h)	129 / 156	129 / 156
Duty Cycle	100%	100%
Electrical Data		
Rated Voltage (Volt)	100 / 115	230
Phase	1~	1~
Frequency (Hz)	50 / 60	50 / 60
Operating Range	+/- 10%	+/- 10%
Max Power Consumption L35 L35 (Watt) 50/60Hz	270 / 300	300 / 320
Max Power Consumption L35 L50 (Watt) 50/60Hz	280 / 320	330 / 350
Max. Nominal Current (Amps)	4.0 / 3.8	1.8 / 1.7
Starting Current (Amps)	13 / 13	6 / 6
Pre-fuse T (Amps)	15	15
Agency Approvals	UL-listed, cUL-listed, EAC, CE	UL-listed, cUL-listed, EAC, CE
Power Input Description	Terminal Block	Terminal Block
PERFORMANCE FACTOR (EER), 50/60Hz, DIN EN 14511		
Cooling Performance L35 L35 50/60Hz	1.37 / 1.40	1.23 / 1.31
Cooling Performance L35 L50 50/60Hz	0.68 / 0.70	0.58 / 0.65
ENCLOSURE PROTECTION		
IP Code (External Loop / Internal Loop)	IP34 / IP54	IP34 / IP54
Controller		
Description	Smart controller with display	Smart controller with display
Thermostat Location	Ambient side	Ambient side
Factory Thermostat Setting (°C)	35 °C	35 °C
Sound Level		
At 1 M (dBA)	66	66
UNIT CONSTRUCTION		
Material	Steel	Steel
Finish	RAL 7035	RAL 7035
UNIT DIMENSIONS		
Height (mm)	550	550
Width (mm)	280	280
Depth (mm)	142	142
Weight (kg)	13	13

SPECTRACOOL SLIM FIT - 300 WATT MODEL

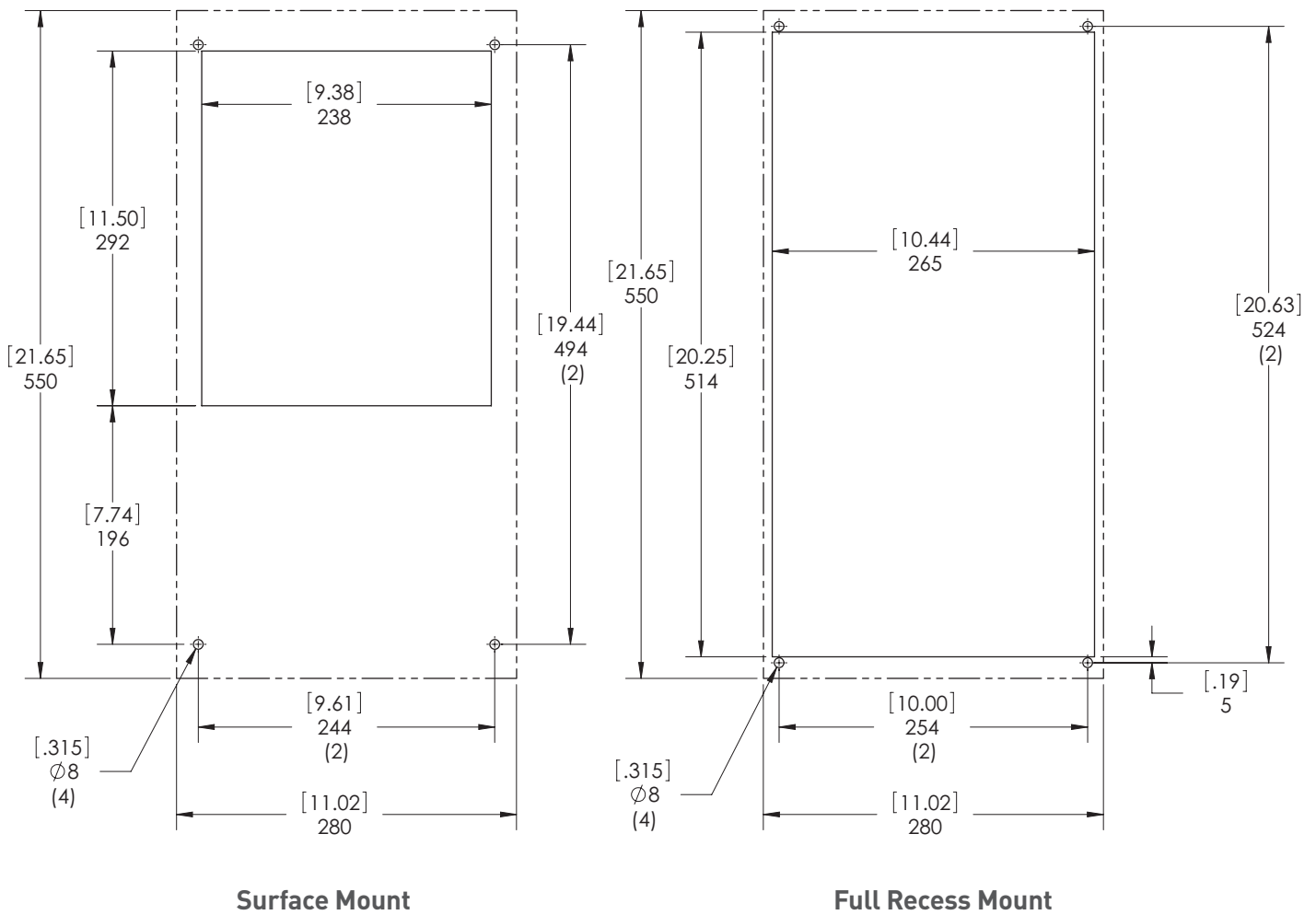
PERFORMANCE CURVES FOR 300W MODELS ACCORDING TO EN 14511



SPECTRACOOOL SLIM FIT - 300 WATT MODEL



SPECTRACOOOL SLIM FIT - 300 WATT MODEL



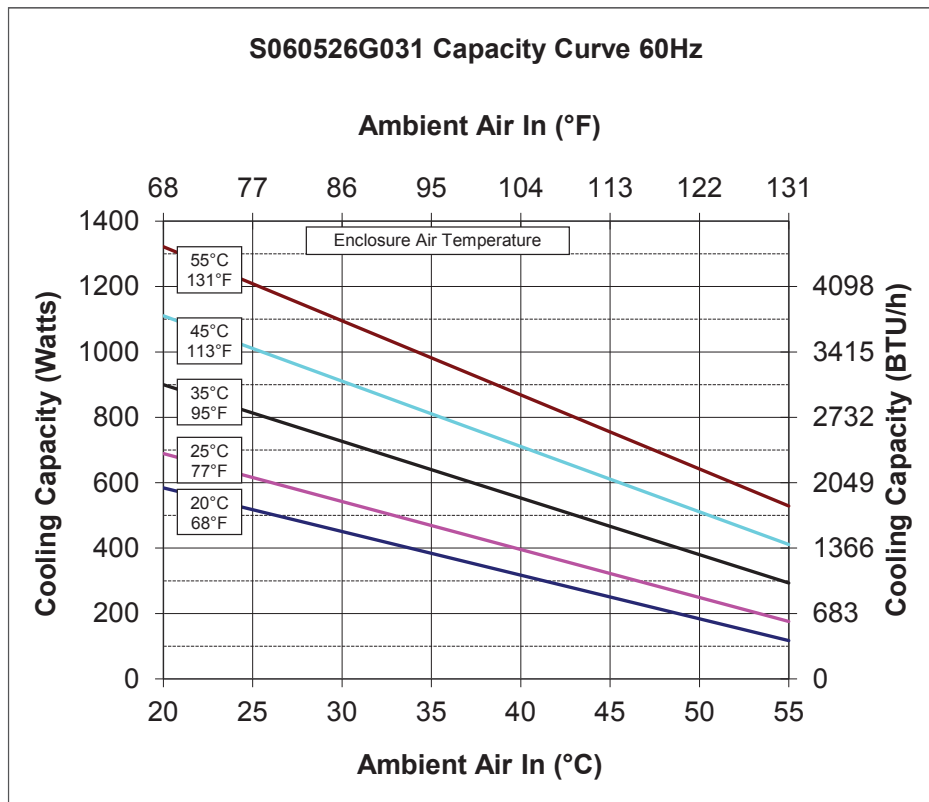
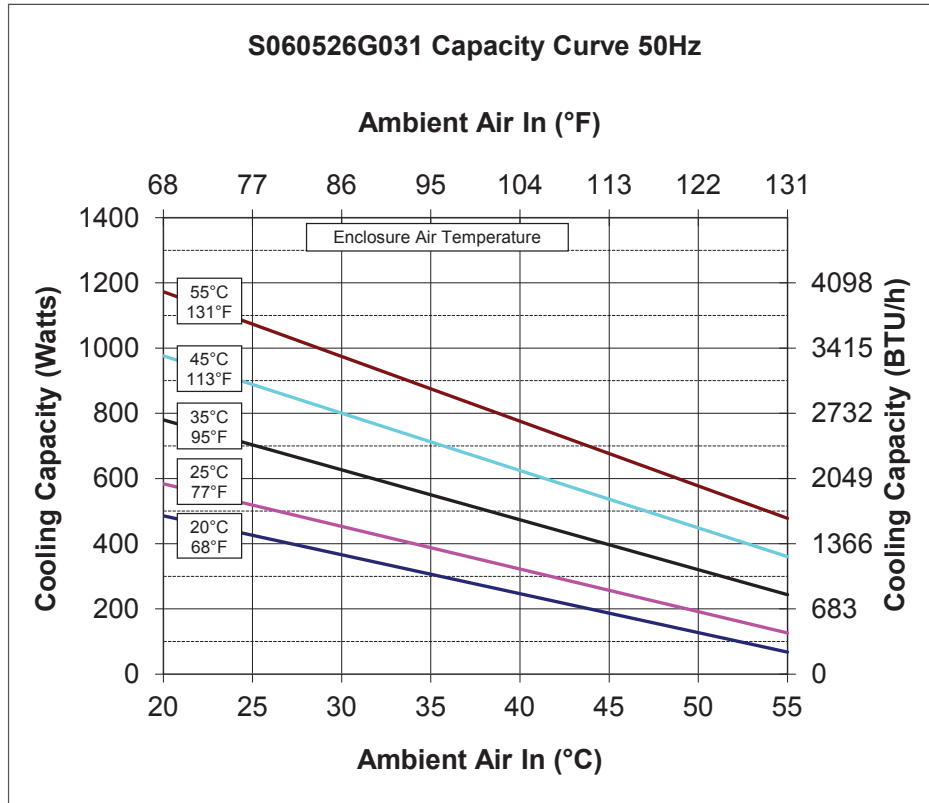
300W CUTOUT DRAWING
Dashed Lines Represent The Air Conditioner

SPECTRACOOOL SLIM FIT – 500 WATT MODEL
THREE MOUNTING OPTIONS

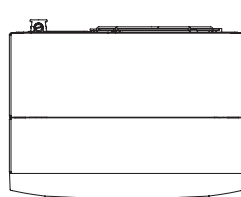
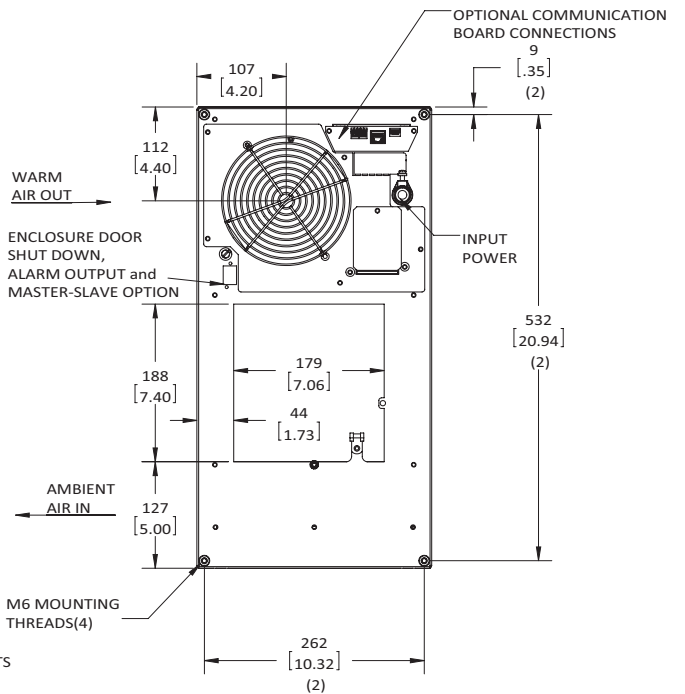
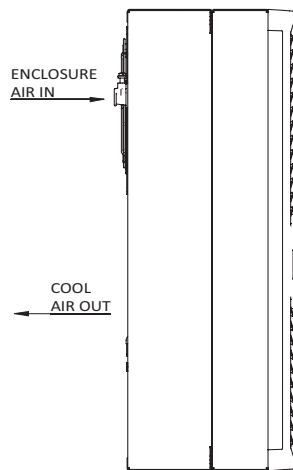
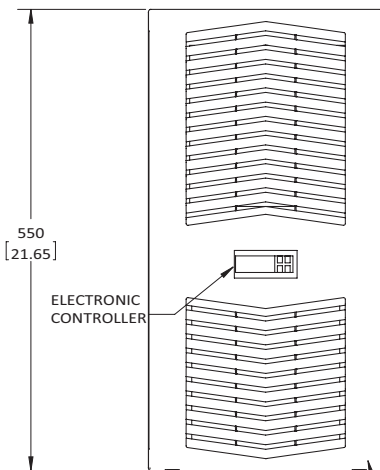
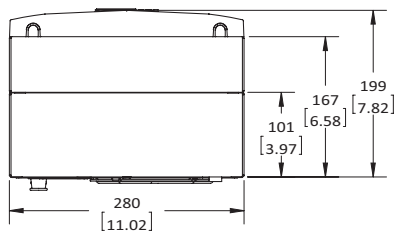
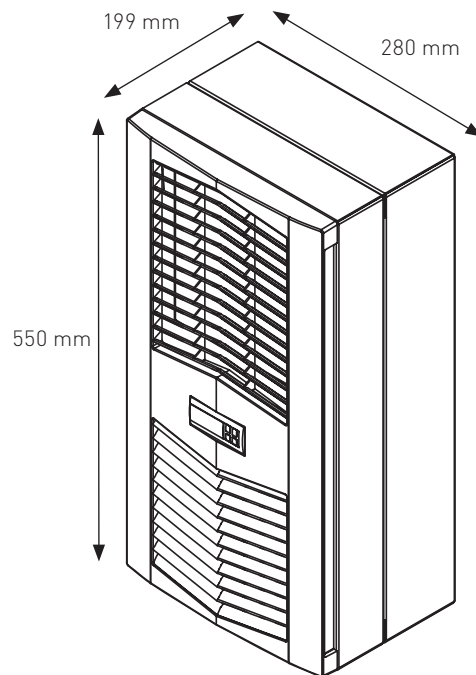
Unit Reference	500W 115V	500W 230V
Item number		
Indoor Model without Comm-Board	S060516G031	S060526G031
Indoor Model with Comm-Board	S060516G041	S060526G041
COOLING PERFORMANCE		
Total L35 L35, 50Hz, according to DIN EN 14511 (Watt)	550	550
Cooling Performance L35 L35 (Watt) 50/60Hz	550 / 640	550 / 640
Cooling Performance L35 L50 (Watt) 50/60Hz	320 / 380	320 / 380
Refrigerant	R134a	R134a
Refrigerant Charge (g)	162	162
Allowable Operating Pressure Max. allowable operating pressure (p. max.) bar	28	28
Operating Temperature Range Min. / Max. °C	10 / 55	10 / 55
Setting Temperature Range Min. / Max. °C	20 / 55	20 / 55
Airflow at 0 Static Pressure Internal Loop (m³/h)	197 / 233	197 / 233
External Loop (m³/h)	189 / 219	189 / 219
Duty Cycle	100%	100%
ELECTRICAL DATA		
Rated Voltage (Volt)	115	230
Phase	1~	1~
Frequency (Hz)	50 / 60	50 / 60
Operating Range	+/- 10%	+/- 10%
Max Power Consumption L35 L35 (Watt) 50/60Hz	450 / 470	450 / 480
Max Power Consumption L35 L50 (Watt) 50/60Hz	490 / 540	510 / 540
Max. Nominal Current (Amps)	6.5 / 6.1	2.6 / 2.9
Starting Current (Amps)	21 / 20	9 / 10
Pre-fuse T (Amps)	15	15
Agency Approvals	UL-listed, cUL-listed, EAC, CE	UL-listed, cUL-listed, EAC, CE
Power Input Description	Terminal Block	Terminal Block
PERFORMANCE FACTOR (EER), 50/60Hz, DIN EN 14511		
Cooling Performance L35 L35 50/60Hz	1.22 / 1.36	1.24 / 1.35
Cooling Performance L35 L50 50/60Hz	0.64 / 0.70	0.62 / 0.70
ENCLOSURE PROTECTION		
IP Code (External Loop / Internal Loop)	IP34 / IP54	IP34 / IP54
CONTROLLER		
Description	Smart controller with display	Smart controller with display
Thermostat Location	Ambient side	Ambient side
Factory Thermostat Setting (°C)	35 °C	35 °C
SOUND LEVEL		
At 1 M (dBA)	70	70
UNIT CONSTRUCTION		
Material	Steel	Steel
Finish	RAL 7035	RAL 7035
UNIT DIMENSIONS		
Height (mm)	550	550
Width (mm)	280	280
Depth (mm)	199	199
Weight (kg)	15	15

SPECTRACOOL SLIM FIT - 500 WATT MODEL

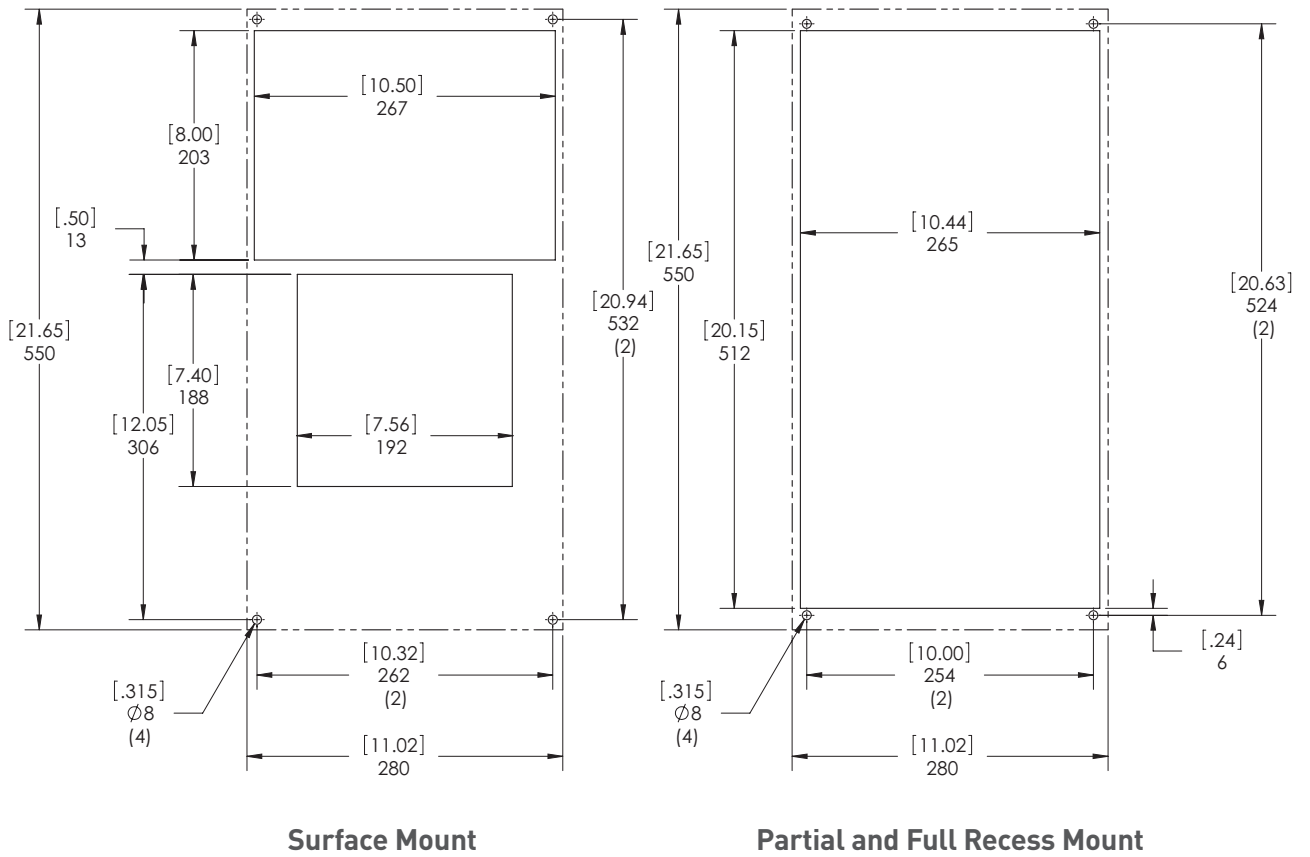
PERFORMANCE CURVES FOR 500W MODELS ACCORDING TO EN 14511



SPECTRACOOL SLIM FIT - 500 WATT MODEL



SPECTRACOOL SLIM FIT - 500 WATT MODEL



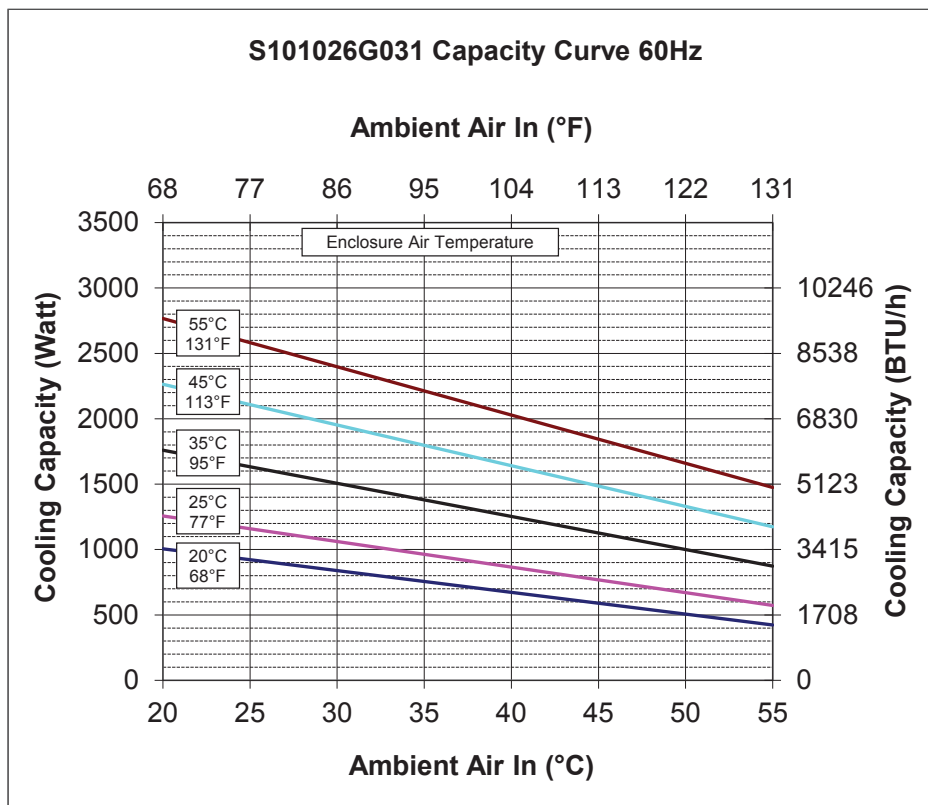
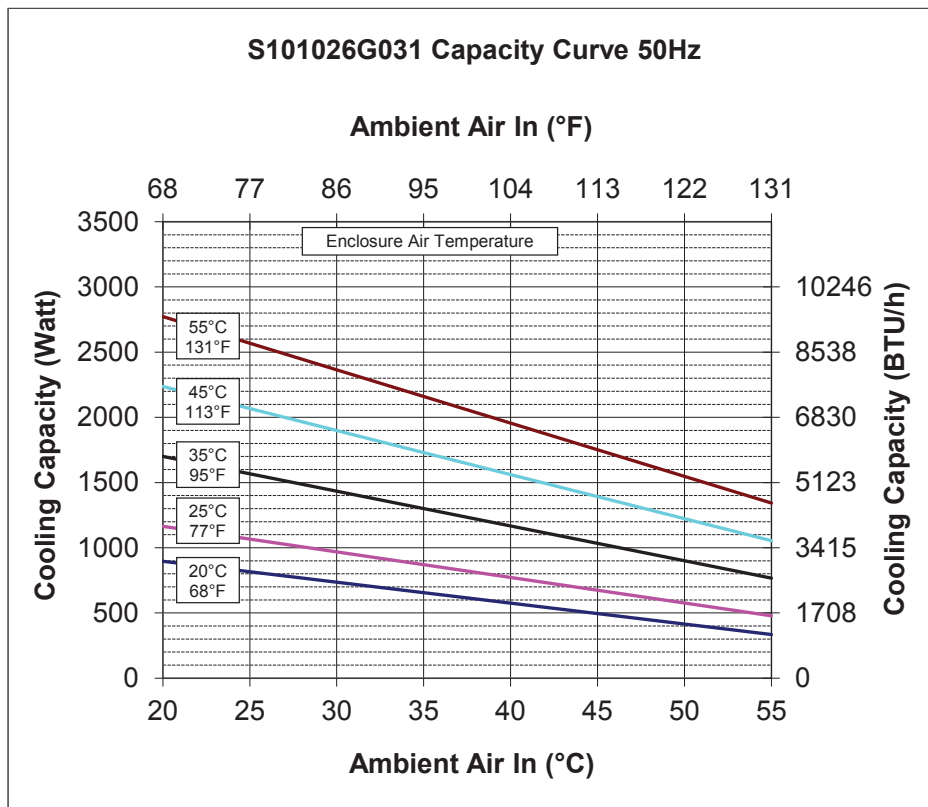
500W CUTOUT DRAWING
 Dashed Lines Represent The Air Conditioner

SPECTRACOOOL SLIM FIT – 1000 WATT MODEL
THREE MOUNTING OPTIONS

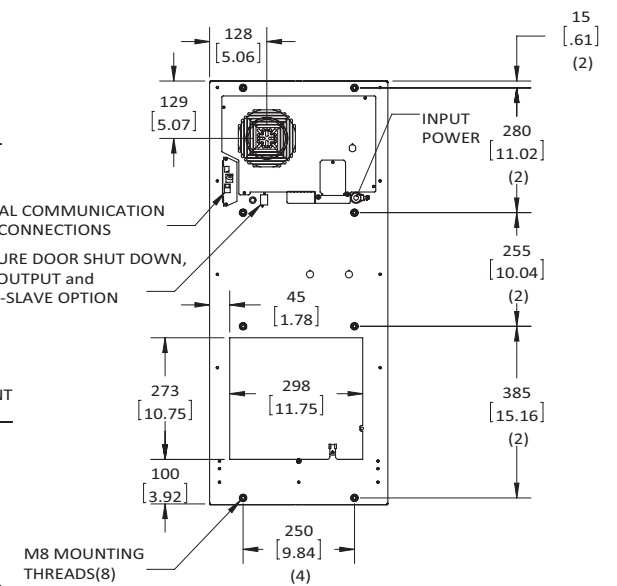
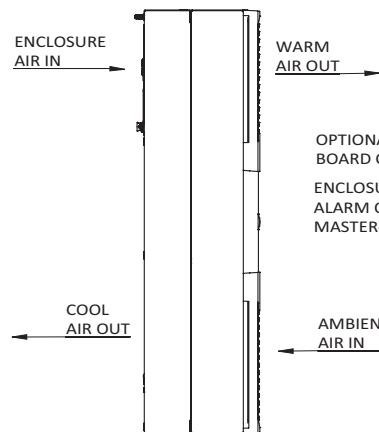
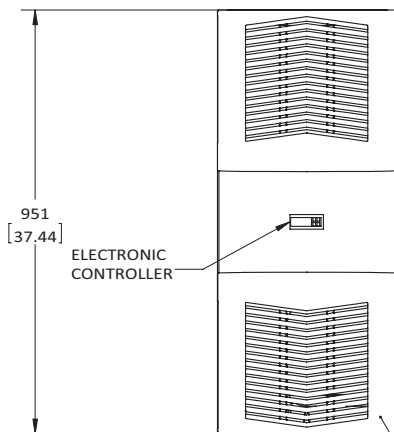
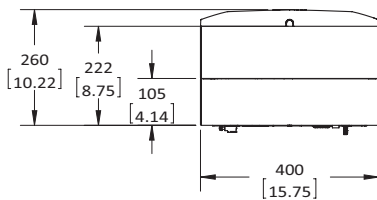
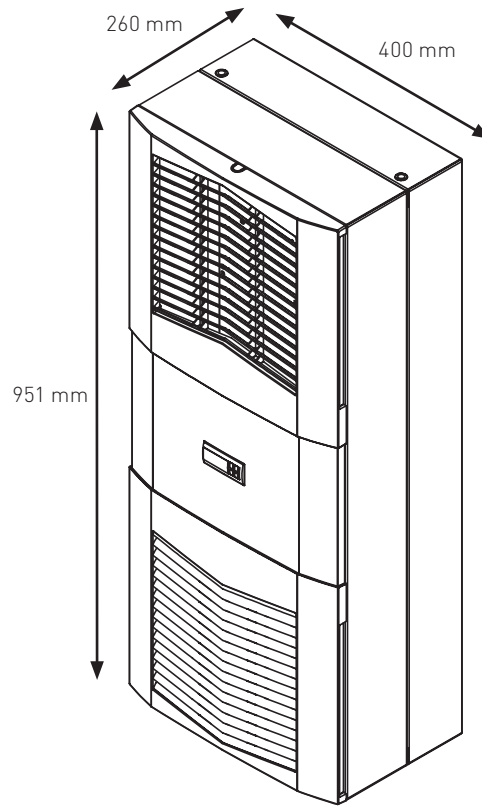
Unit Reference	1000W 115V	1000W 230V	1000W 400/460V 1~
Item number			
Indoor Model without Comm-Board	S101016G031	S101026G031	S101046G031
Indoor Model with Comm-Board	S101016G041	S101026G041	S101046G041
COOLING PERFORMANCE			
Total L35 L35, 50Hz, according to DIN EN 14511 (Watt)	1300	1300	1300
Cooling Performance L35 L35 (Watt) 50/60Hz	1300 / 1380	1300 / 1380	1300 / 1380
Cooling Performance L35 L50 (Watt) 50/60Hz	900 / 1000	900 / 1000	900 / 1000
Refrigerant	R134a	R134a	R134a
Refrigerant Charge (g)	425	283	283
Allowable Operating Pressure Max. allowable operating pressure (p. max.) bar	28	28	28
Operating Temperature Range Min. / Max. °C	10 / 55	10 / 55	10 / 55
Setting Temperature Range Min. / Max. °C	20 / 55	20 / 55	20 / 55
Airflow at 0 Static Pressure Internal Loop (m³/h)	350 / 391	350 / 391	350 / 391
External Loop (m³/h)	567 / 584	567 / 584	567 / 584
Duty Cycle	100%	100%	100%
ELECTRICAL DATA			
Rated Voltage (Volt)	115	230	400 / 460
Phase	1~	1~	1~
Frequency (Hz)	50 / 60	50 / 60	50 / 60
Operating Range	+/- 10%	+/- 10%	+/- 10%
Max Power Consumption L35 L35 (Watt) 50/60Hz	810 / 1010	670 / 800	750 / 960
Max Power Consumption L35 L50 (Watt) 50/60Hz	950 / 1120	780 / 950	870 / 1090
Max. Nominal Current (Amps)	9.6 / 10.2	4.1 / 5.5	2.1 / 2.4
Starting Current (Amps)	32 / 34	14 / 18	7 / 8
Pre-fuse T (Amps)	15	15	15
Agency Approvals	UL-listed, cUL-listed, EAC, CE	UL-listed, cUL-listed, EAC, CE	UL-listed, cUL-listed, EAC, CE
Power Input Description	Terminal Block	Terminal Block	Terminal Block
PERFORMANCE FACTOR (EER), 50/60Hz, DIN EN 14511			
Cooling Performance L35 L35 50/60Hz	1.60 / 1.37	1.94 / 1.73	1.73 / 1.44
Cooling Performance L35 L50 50/60Hz	0.95 / 0.89	1.15 / 1.05	1.03 / 0.92
ENCLOSURE PROTECTION			
IP Code (External Loop / Internal Loop)	IP34 / IP54	IP34 / IP54	IP34 / IP54
CONTROLLER			
Description	Smart controller with display	Smart controller with display	Smart controller with display
Thermostat Location	Ambient side	Ambient side	Ambient side
Factory Thermostat Setting (°C)	35 °C	35 °C	35 °C
SOUND LEVEL			
At 1 M (dBA)	71	71	71
UNIT CONSTRUCTION			
Material	Steel	Steel	Steel
Finish	RAL 7035	RAL 7035	RAL 7035
UNIT DIMENSIONS			
Height (mm)	951	951	951
Width (mm)	400	400	400
Depth (mm)	260	260	260
Weight (kg)	39	39	45

SPECTRACOOL SLIM FIT - 1000 WATT MODEL

PERFORMANCE CURVES FOR 1000W MODELS ACCORDING TO EN 14511



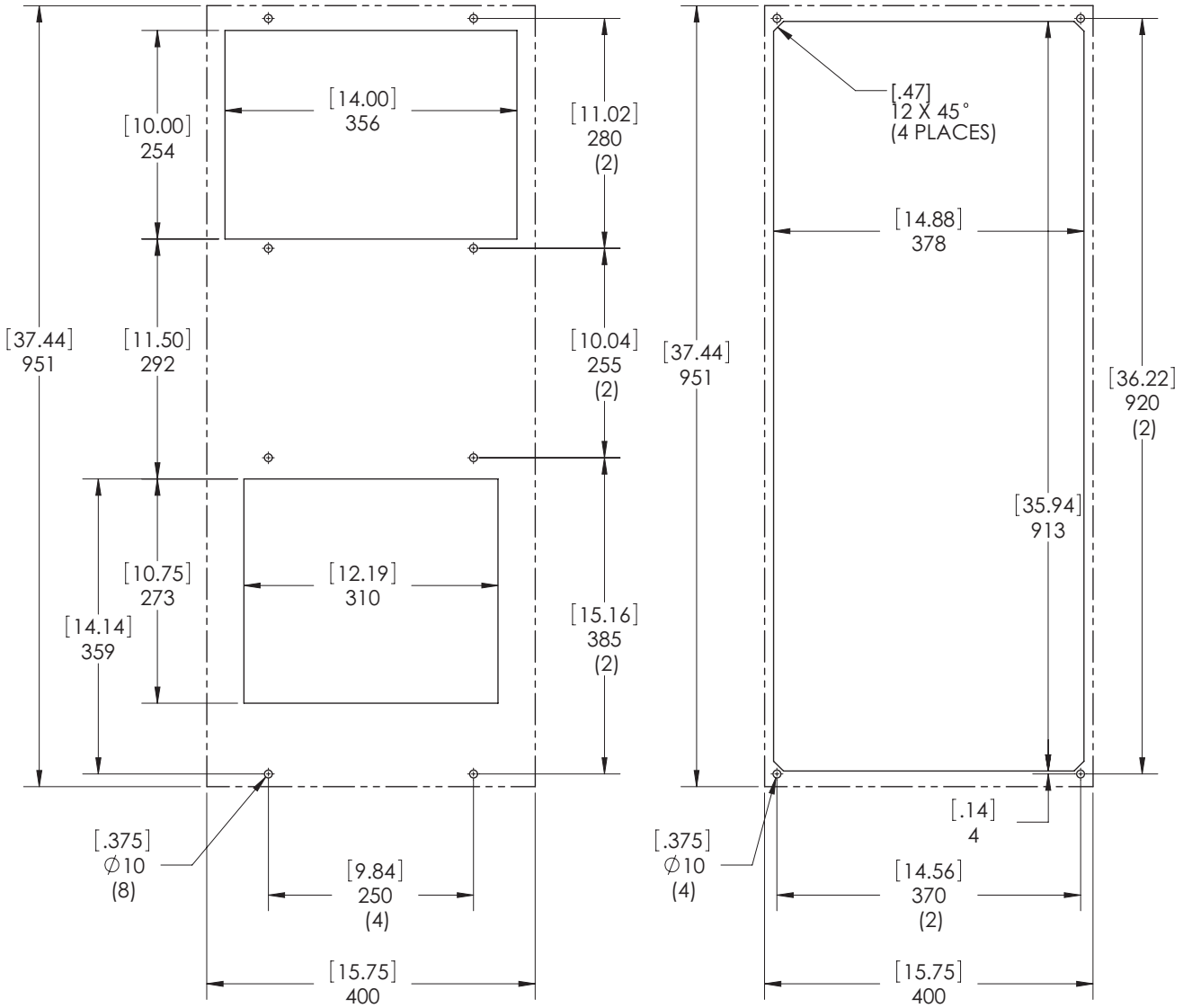
SPECTRACOOOL SLIM FIT - 1000 WATT MODEL



M8 LIFT LUGS

OPTIONAL, FIELD-INSTALLED, CLEANABLE REUSABLE, ALUMINUM INLET FILTER MOUNTS BEHIND PLASTIC LOUVER

SPECTRACOOOL SLIM FIT - 1000 WATT MODEL



Surface Mount

Partial and Full Recess Mount

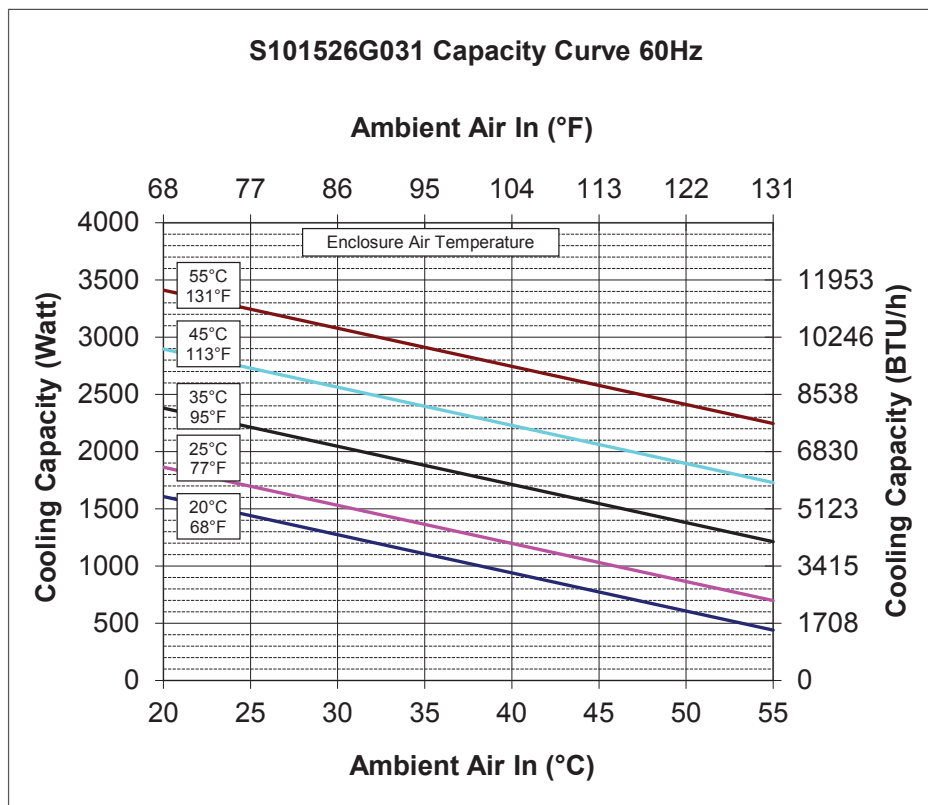
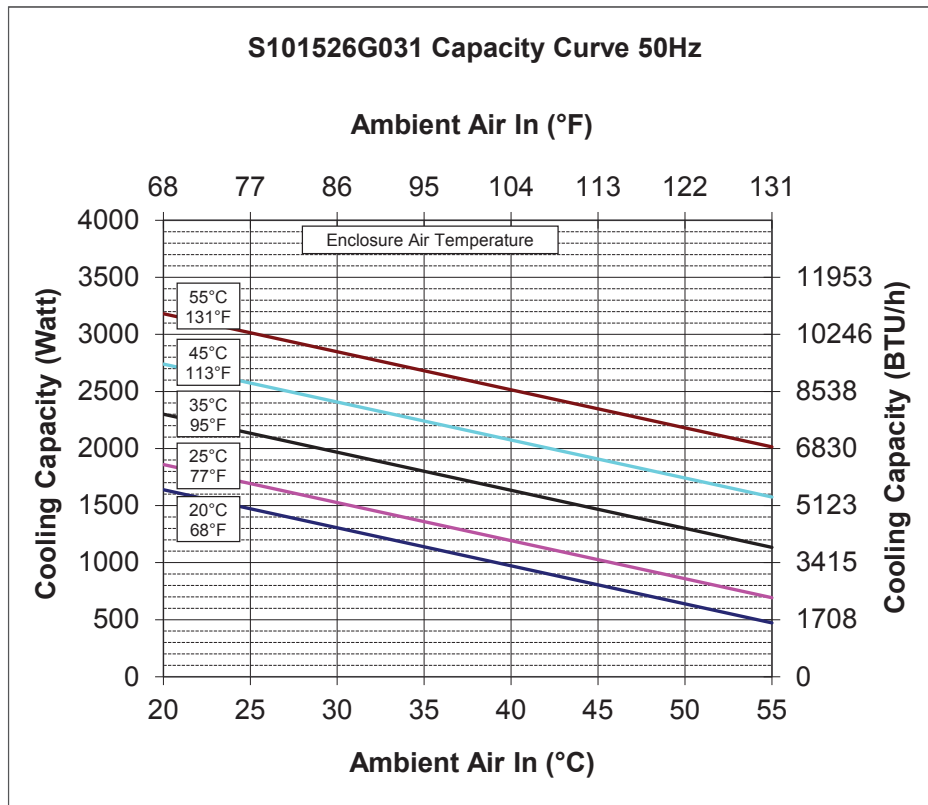
1000W CUTOUT DRAWING
 Dashed Lines Represent The Air Conditioner

SPECTRACOOOL SLIM FIT – 1500 WATT MODEL
THREE MOUNTING OPTIONS

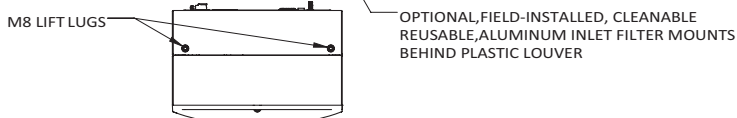
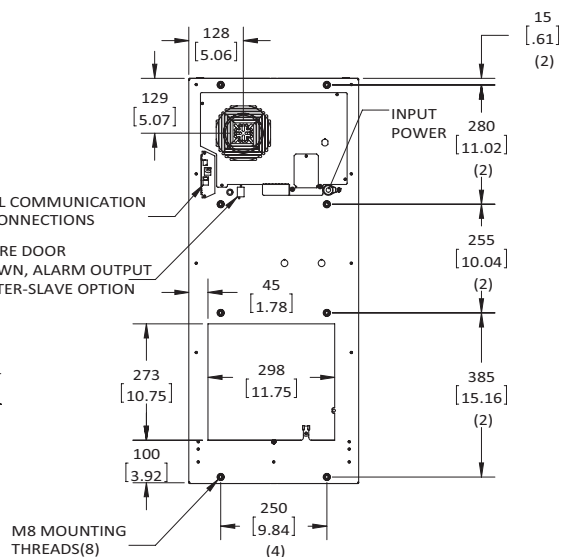
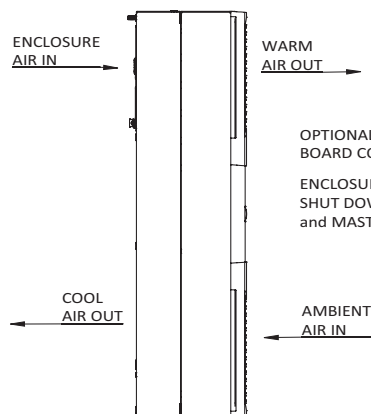
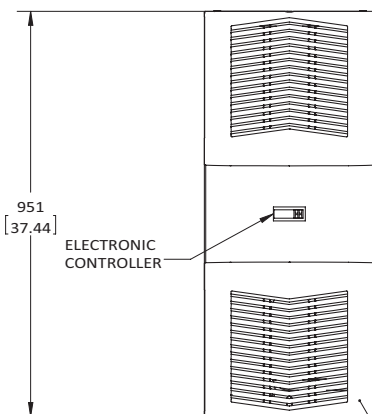
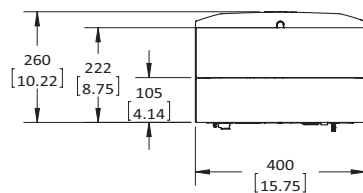
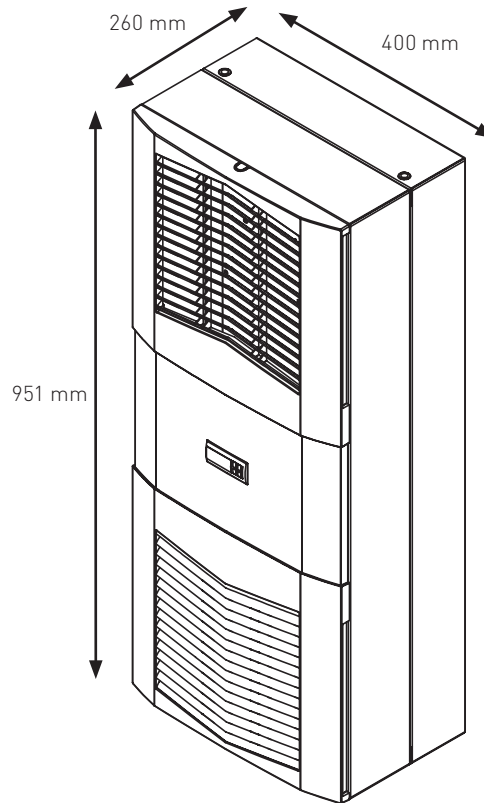
Unit Reference	1500W 115V	1500W 230V	1500W 400/460V 3~
Item number			
Indoor Model without Comm-Board	S101516G031	S101526G031	S101546G031
Indoor Model with Comm-Board	S101516G041	S101526G041	S101546G041
COOLING PERFORMANCE			
Total L35 L35, 50Hz, according to DIN EN 14511 (Watt)	1800	1800	1800
Cooling Performance L35 L35 (Watt) 50/60Hz	1800 / 1880	1800 / 1880	1800 / 1880
Cooling Performance L35 L50 (Watt) 50/60Hz	1300 / 1380	1300 / 1380	1300 / 1380
Refrigerant	R134a	R134a	R134a
Refrigerant Charge (g)	425	425	510
Allowable Operating Pressure Max. allowable operating pressure (p. max.) bar	28	28	28
Operating Temperature Range Min. / Max. °C	10 / 55	10 / 55	10 / 55
Setting Temperature Range Min. / Max. °C	20 / 55	20 / 55	20 / 55
Airflow at 0 Static Pressure Internal Loop (m³/h)	342 / 391	342 / 391	342 / 391
External Loop (m³/h)	576 / 579	576 / 579	576 / 579
Duty Cycle	100%	100%	100%
ELECTRICAL DATA			
Rated Voltage (Volt)	115	230	400 / 460
Phase	1~	1~	3~
Frequency (Hz)	50 / 60	50 / 60	50 / 60
Operating Range	+/- 10%	+/- 10%	+/- 10%
Max Power Consumption L35 L35 (Watt) 50/60Hz	850 / 1040	850 / 1040	930 / 1130
Max Power Consumption L35 L50 (Watt) 50/60Hz	990 / 1160	960 / 1170	970 / 1210
Max. Nominal Current (Amps)	9,6 / 10,2	5,1 / 6,7	2,1 / 2,4
Starting Current (Amps)	32 / 34	17 / 22	7 / 8
Pre-fuse T (Amps)	15	15	15
Agency Approvals	UL-listed, cUL-listed, EAC, CE	UL-listed, cUL-listed, EAC, CE	UL-listed, cUL-listed, EAC, CE
Power Input Description	Terminal Block	Terminal Block	Terminal Block
PERFORMANCE FACTOR (EER), 50/60Hz, DIN EN 14511			
Cooling Performance L35 L35 50/60Hz	2.12 / 1.81	2.12 / 1.81	1.94 / 1.66
Cooling Performance L35 L50 50/60Hz	1.31 / 1.19	1.35 / 1.18	1.34 / 1.14
ENCLOSURE PROTECTION			
IP Code (External Loop / Internal Loop)	IP34 / IP54	IP34 / IP54	IP34 / IP54
CONTROLLER			
Description	Smart controller with display	Smart controller with display	Smart controller with display
Thermostat Location	Ambient side	Ambient side	Ambient side
Factory Thermostat Setting (°C)	35 °C	35 °C	35 °C
SOUND LEVEL			
At 1 M (dBA)	73	73	73
UNIT CONSTRUCTION			
Material	Steel	Steel	Steel
Finish	RAL 7035	RAL 7035	RAL 7035
UNIT DIMENSIONS			
Height (mm)	951	951	951
Width (mm)	400	400	400
Depth (mm)	260	260	260
Weight (kg)	43	43	43

SPECTRACOOL SLIM FIT - 1500 WATT MODEL

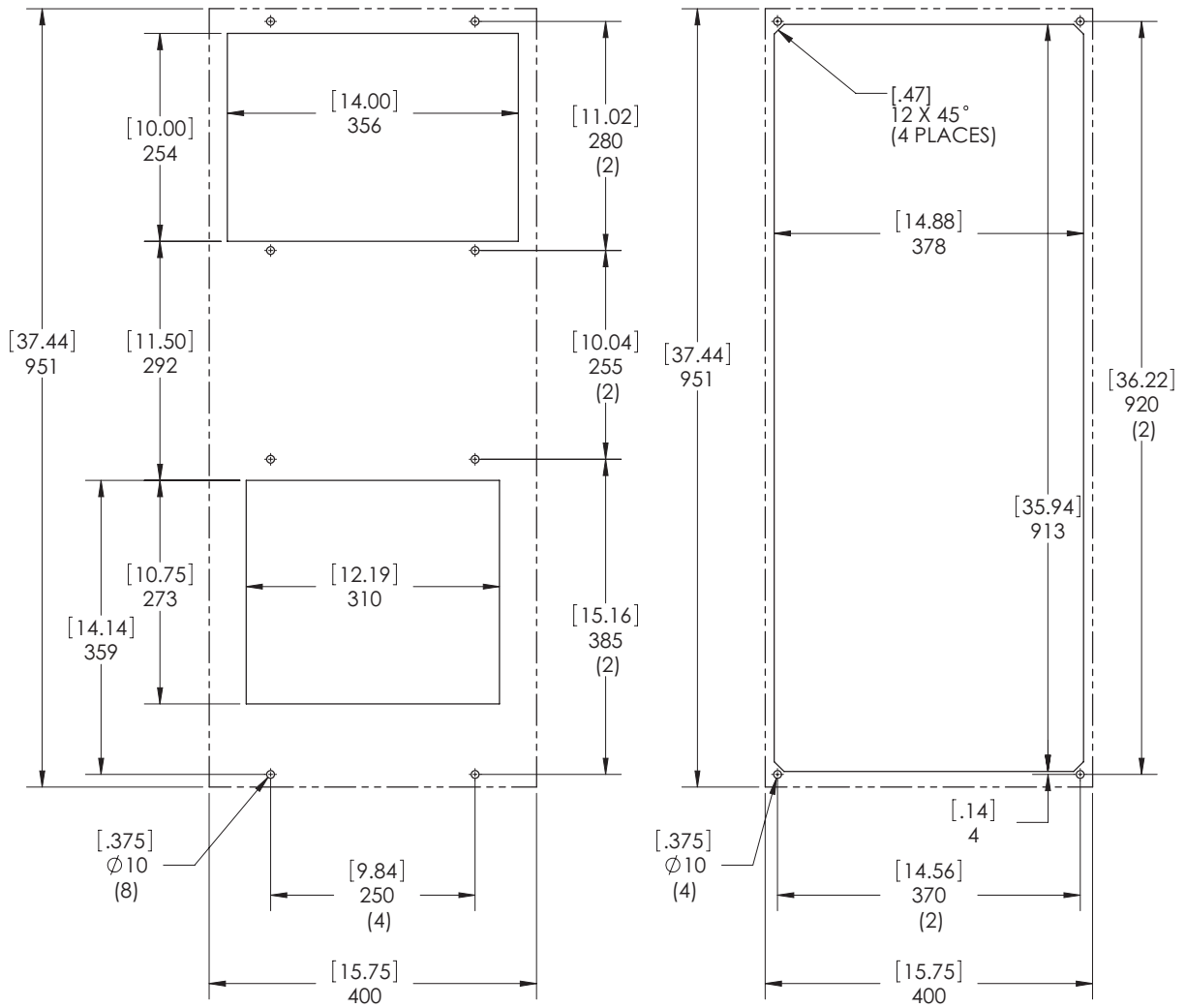
PERFORMANCE CURVES FOR 1500W MODELS ACCORDING TO EN 14511



SPECTRACOOOL SLIM FIT - 1500 WATT MODEL



SPECTRACOOL SLIM FIT - 1500 WATT MODEL



Surface Mount

Partial and Full Recess Mount

1500W CUTOUT DRAWING

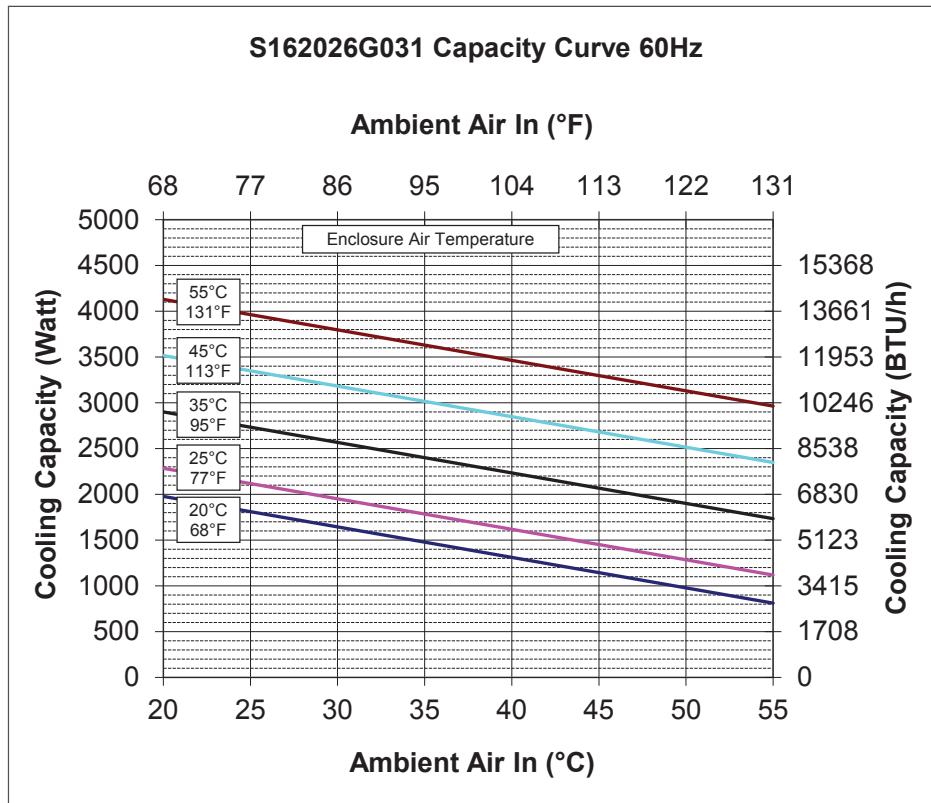
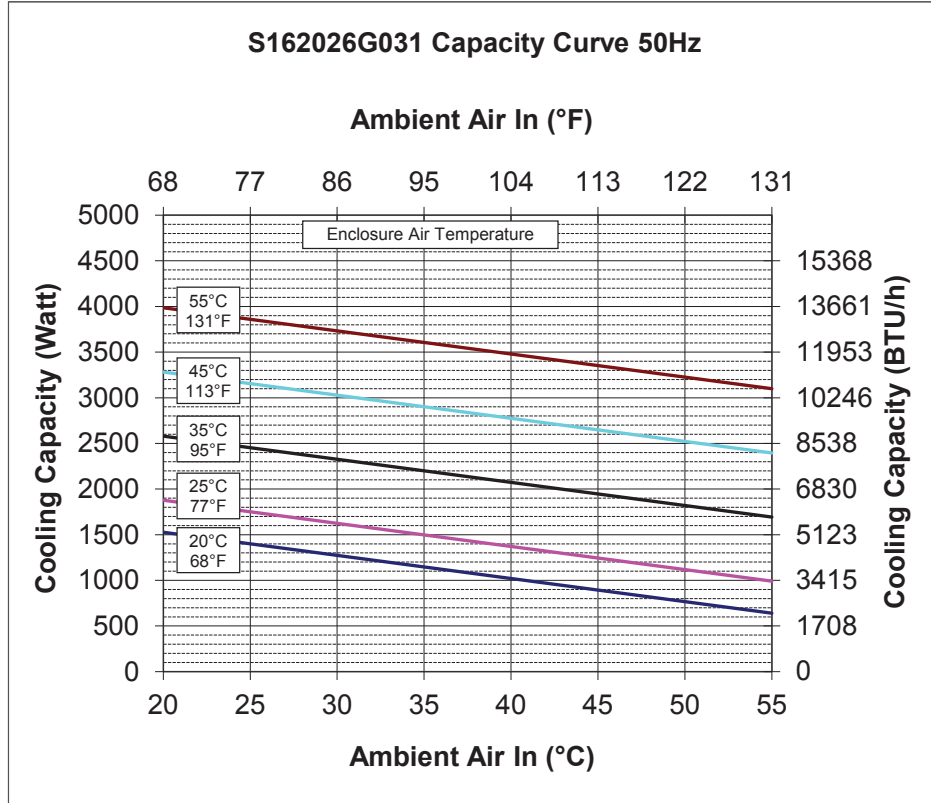
Dashed Lines Represent The Air Conditioner

SPECTRACOOOL SLIM FIT – 2000 WATT MODEL
THREE MOUNTING OPTIONS

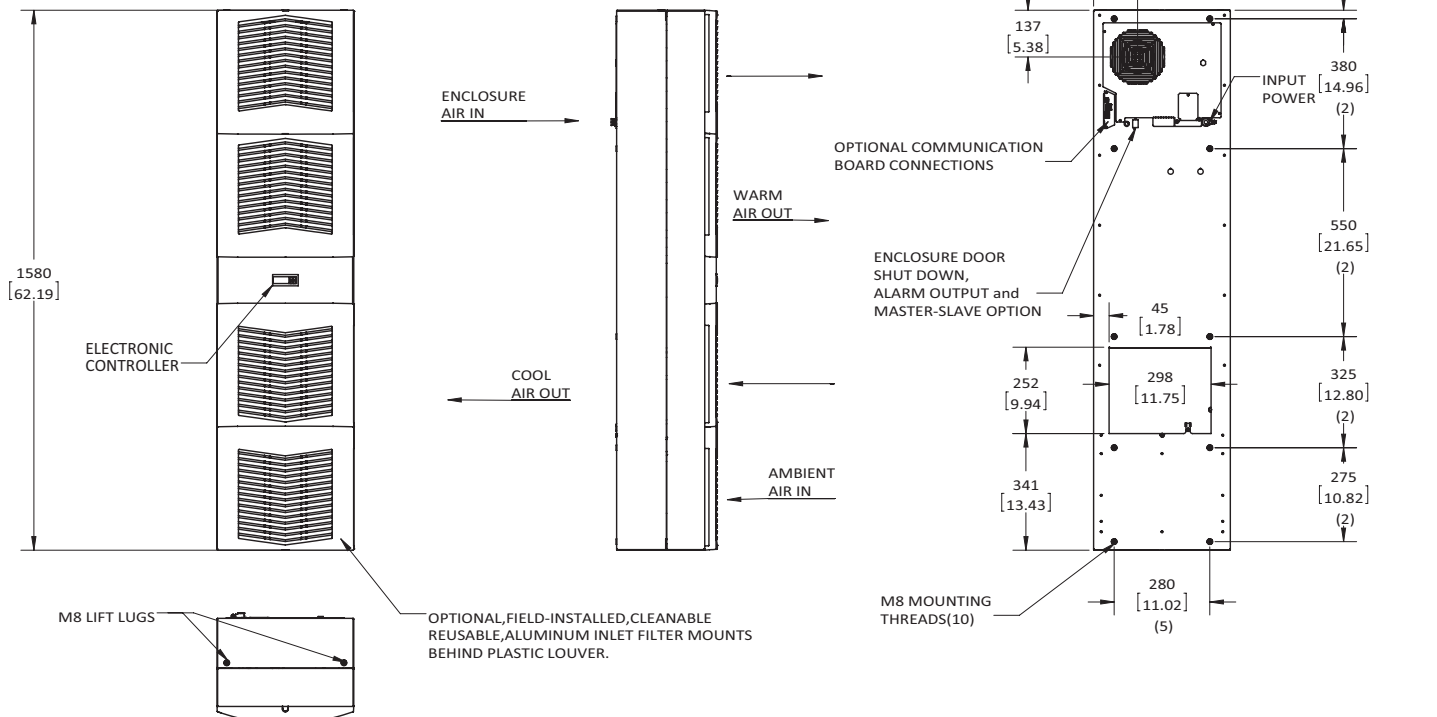
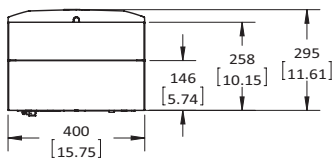
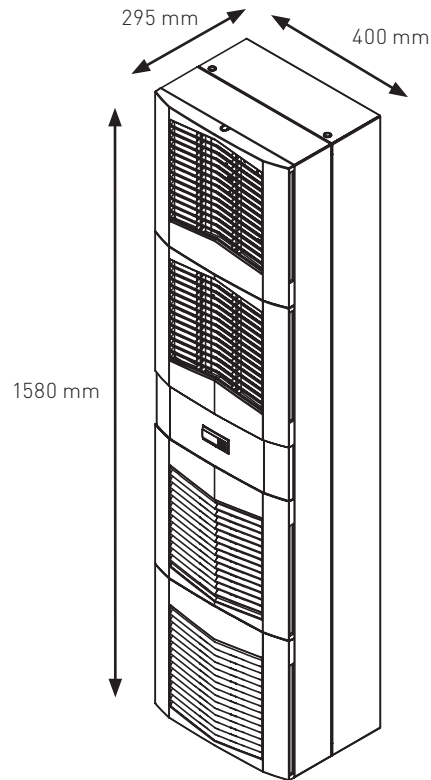
Unit Reference	2000W 115V	2000W 230V	2000W 400/460V 3~
Item Number			
Indoor Model without Comm-Board	S162016G031	S162026G031	S162046G031
Indoor Model with Comm-Board	S162016G041	S162026G041	S162046G041
COOLING PERFORMANCE			
Total L35 L35, 50Hz, according to DIN EN 14511 (Watt)	2200	2200	2200
Cooling Performance L35 L35 (Watt) 50/60Hz	2200 / 2400	2200 / 2400	2200 / 2400
Cooling Performance L35 L50 (Watt) 50/60Hz	1820 / 1900	1820 / 1900	1820 / 1900
Refrigerant	R134a	R134a	R134a
Refrigerant Charge (g)	709	709	709
Allowable Operating Pressure Max. allowable operating pressure (p. max.) bar	28	28	28
Operating Temperature Range Min. / Max. °C	10 / 55	10 / 55	10 / 55
Setting Temperature Range Min. / Max. °C	20 / 55	20 / 55	20 / 55
Airflow at 0 Static Pressure Internal Loop (m³/h)	454 / 484	454 / 484	454 / 484
External Loop (m³/h)	634 / 654	634 / 654	634 / 654
Duty Cycle	100%	100%	100%
ELECTRICAL DATA			
Rated Voltage (Volt)	115	230	400 / 460
Phase	1~	1~	3~
Frequency (Hz)	50 / 60	50 / 60	50 / 60
Operating Range	+/- 10%	+/- 10%	+/- 10%
Max Power Consumption L35 L35 (Watt) 50/60Hz	930 / 1090	940 / 1140	900 / 1180
Max Power Consumption L35 L50 (Watt) 50/60Hz	1280 / 1410	1070 / 1320	1060 / 1340
Max. Nominal Current (Amps)	11.1 / 12.5	5.7 / 7.2	2.2 / 2.6
Starting Current (Amps)	37 / 41	19 / 24	7 / 9
Pre-fuse T (Amps)	15	15	15
Agency Approvals	UL-listed, cUL-listed, EAC, CE	UL-listed, cUL-listed, EAC, CE	UL-listed, cUL-listed, EAC, CE
Power Input Description	Terminal Block	Terminal Block	Terminal Block
PERFORMANCE FACTOR (EER), 50/60Hz, DIN EN 14511			
Cooling Performance L35 L35 50/60Hz	2.37 / 2.20	2.34 / 2.11	2.44 / 2.03
Cooling Performance L35 L50 50/60Hz	1.42 / 1.35	1.70 / 1.44	1.72 / 1.42
ENCLOSURE PROTECTION			
IP Code (External Loop / Internal Loop)	IP34 / IP54	IP34 / IP54	IP34 / IP54
CONTROLLER			
Description	Smart controller with display	Smart controller with display	Smart controller with display
Thermostat Location	Ambient side	Ambient side	Ambient side
Factory Thermostat Setting (°C)	35 °C	35 °C	35 °C
SOUND LEVEL			
At 1 M (dBA)	70	70	70
UNIT CONSTRUCTION			
Material	Steel	Steel	Steel
Finish	RAL 7035	RAL 7035	RAL 7035
UNIT DIMENSIONS			
Height (mm)	1580	1580	1580
Width (mm)	400	400	400
Depth (mm)	295	295	295
Weight (kg)	68	68	68

SPECTRACOOL SLIM FIT - 2000 WATT MODEL

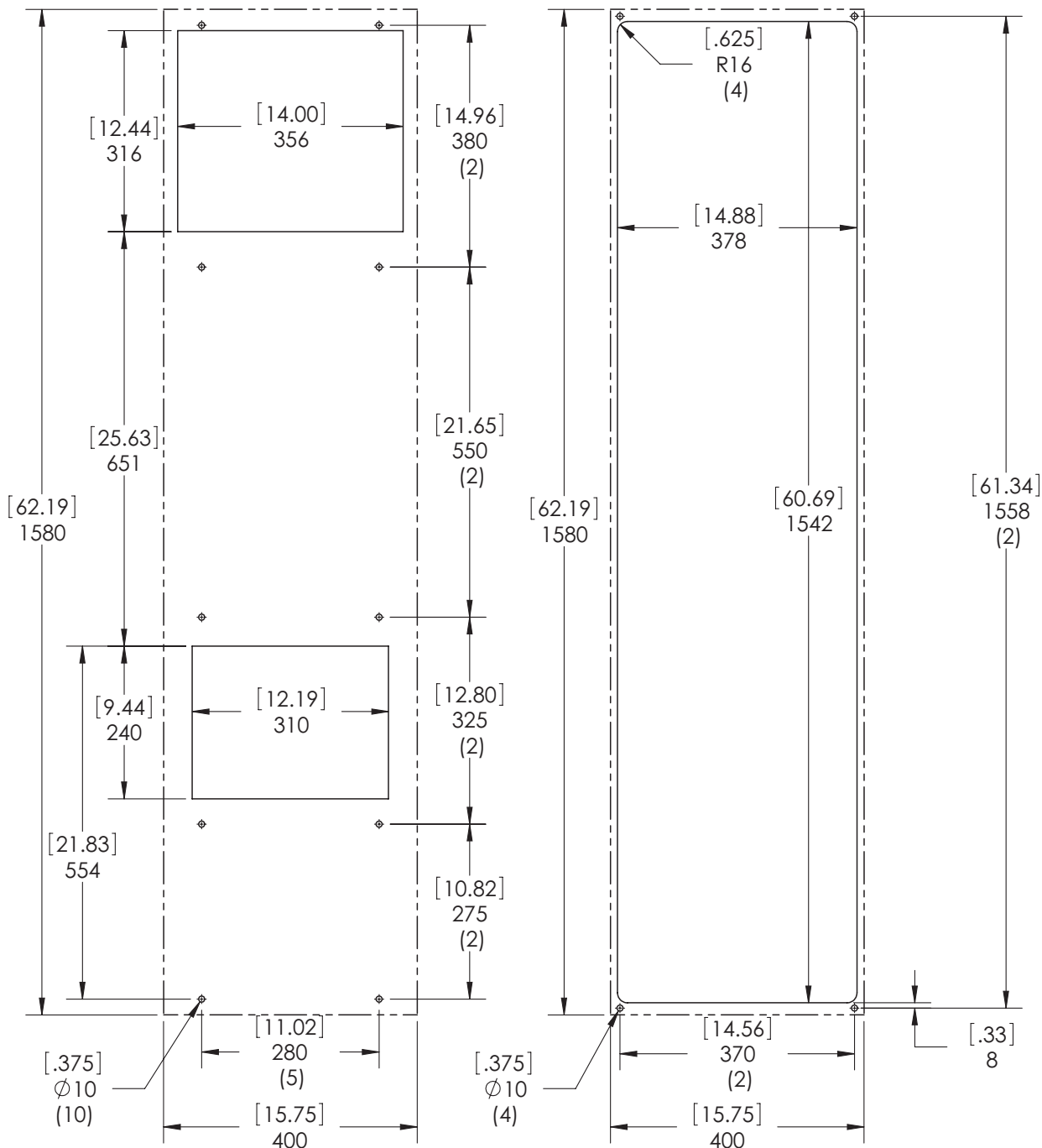
PERFORMANCE CURVES FOR 2000W MODELS ACCORDING TO EN 14511



SPECTRACOOL SLIM FIT - 2000 WATT MODEL



SPECTRACOOOL SLIM FIT - 2000 WATT MODEL



Surface Mount

Partial and Full Recess Mount

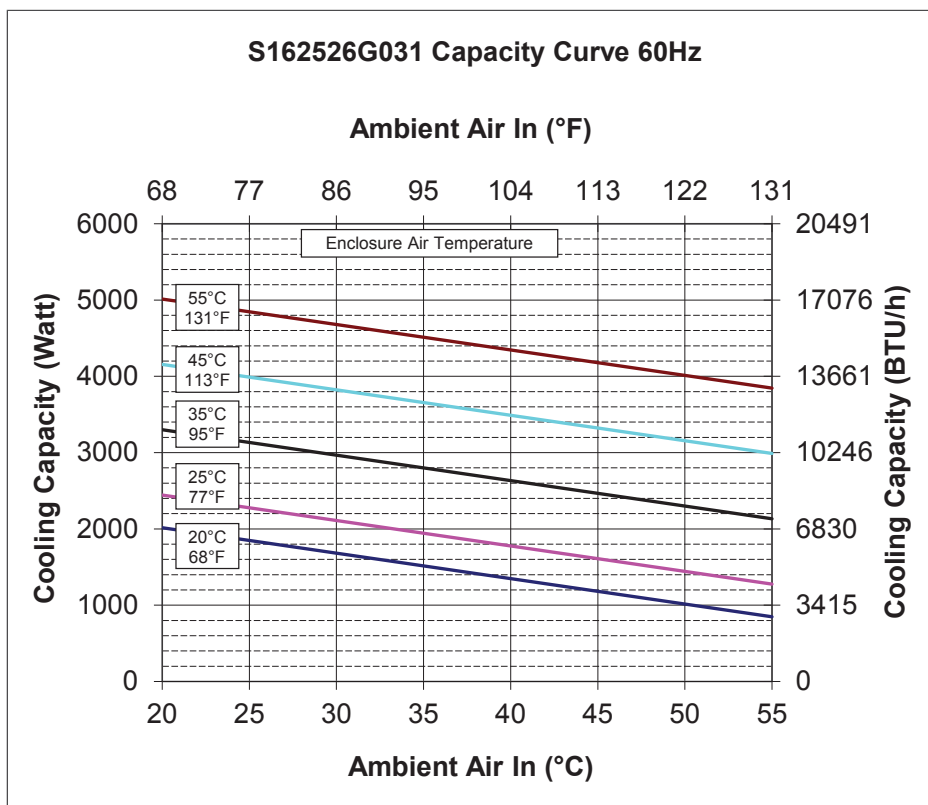
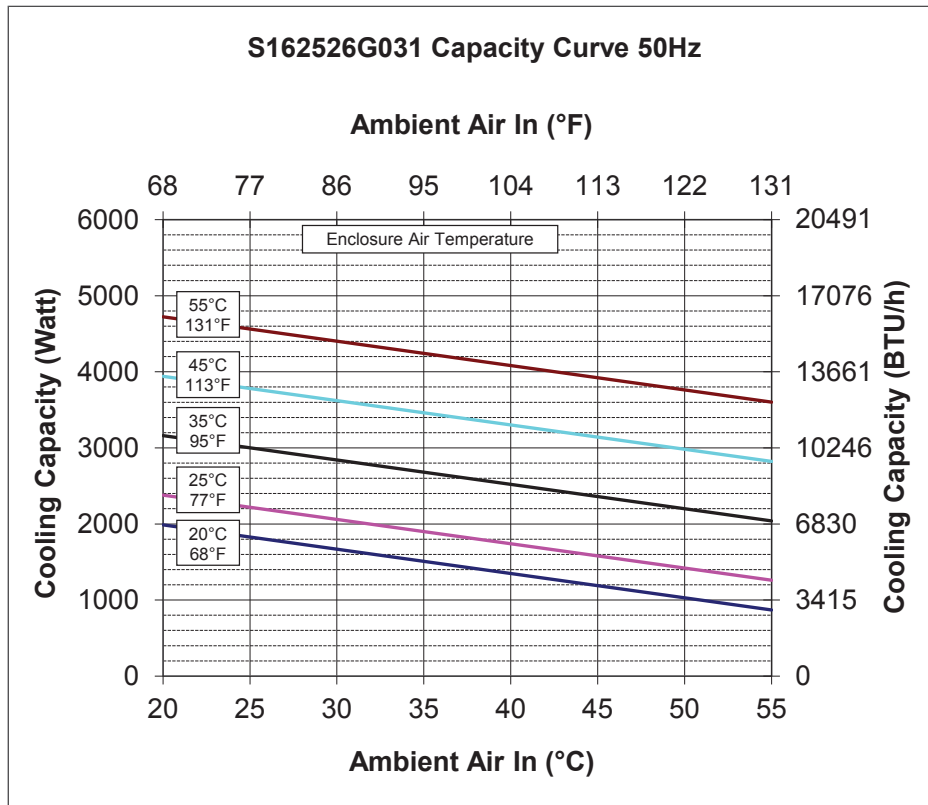
2000W CUTOUT DRAWING
 Dashed Lines Represent The Air Conditioner

SPECTRACOOOL SLIM FIT – 2500 WATT MODEL
THREE MOUNTING OPTIONS

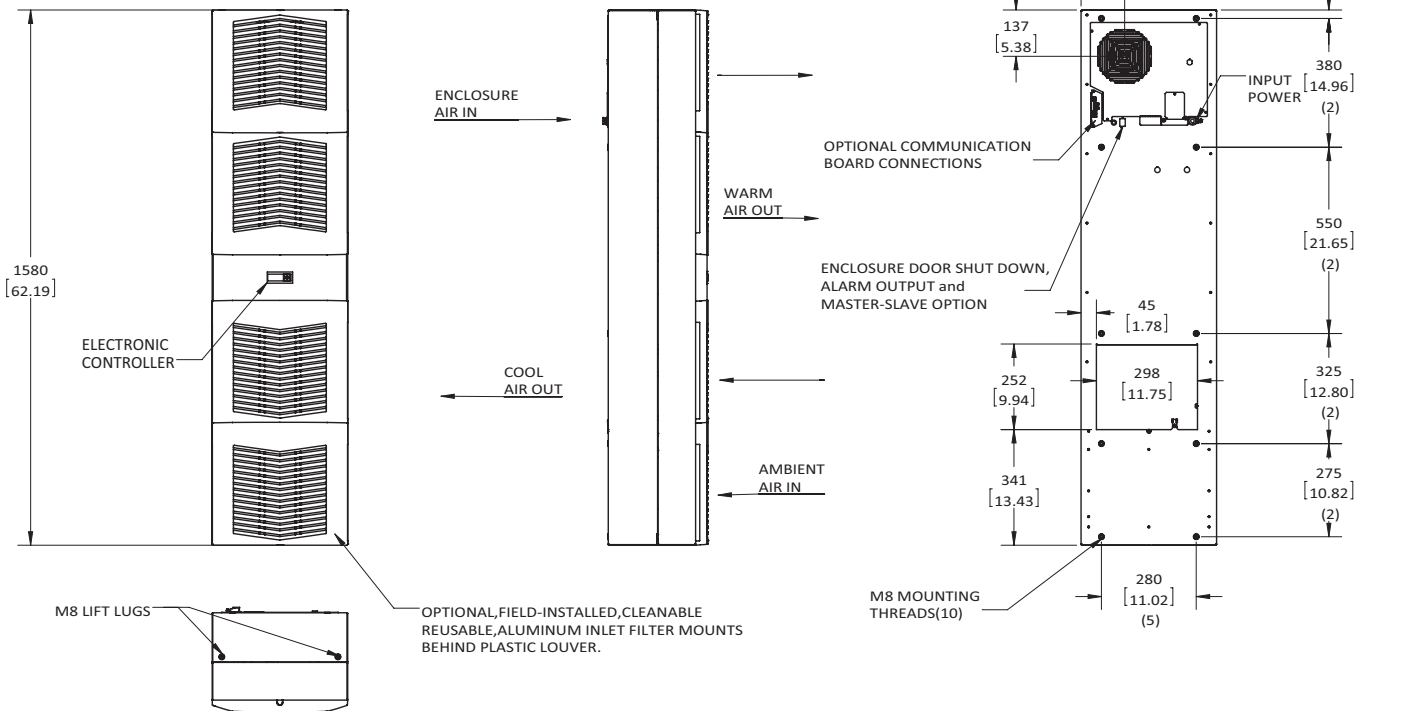
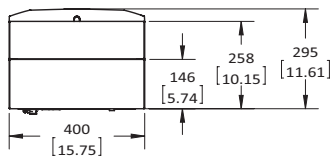
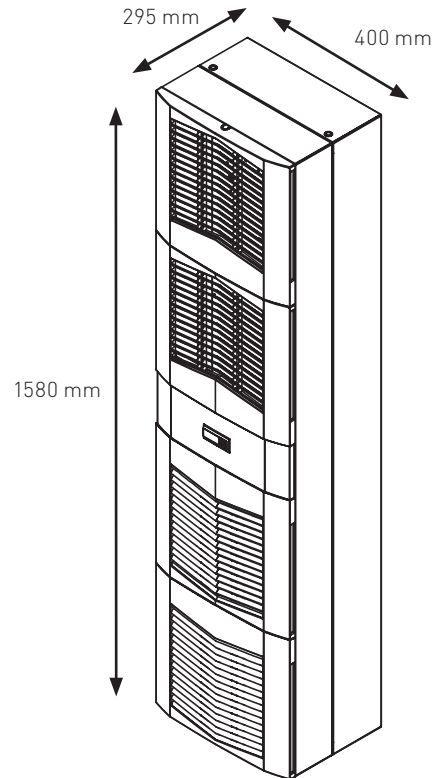
Unit Reference	2500W 115V	2500W 230V	2500W 400/460V 3-
Item number			
Indoor Model without Comm-Board	S162516G031	S162526G031	S162546G031
Indoor Model with Comm-Board	S162516G041	S162526G041	S162546G041
COOLING PERFORMANCE			
Total L35 L35, 50Hz, according to DIN EN 14511 (Watt)	2680	2680	2680
Cooling Performance L35 L35 (Watt) 50/60Hz	2680 / 2800	2680 / 2800	2680 / 2800
Cooling Performance L35 L50 (Watt) 50/60Hz	2200 / 2300	2200 / 2300	2200 / 2300
Refrigerant	R134a	R134a	R134a
Refrigerant Charge (g)	737	737	850
Allowable Operating Pressure Max. allowable operating pressure (p. max.) bar	28	28	28
Operating Temperature Range Min. / Max. °C	10 / 55	10 / 55	10 / 55
Setting Temperature Range Min. / Max. °C	20 / 55	20 / 55	20 / 55
Airflow at 0 Static Pressure Internal Loop (m³/h)	447 / 466	447 / 466	447 / 466
External Loop (m³/h)	1104 / 1143	1104 / 1143	1104 / 1143
Duty Cycle	100%	100%	100%
ELECTRICAL DATA			
Rated Voltage (Volt)	115	230	400 / 460
Phase	1~	1~	3~
Frequency (Hz)	50 / 60	50 / 60	50 / 60
Operating Range	+/- 10%	+/- 10%	+/- 10%
Max Power Consumption L35 L35 (Watt) 50/60Hz	1230 / 1420	1320 / 1650	1150 / 1510
Max Power Consumption L35 L50 (Watt) 50/60Hz	1500 / 1970	1500 / 1910	1330 / 1770
Max. Nominal Current (Amps)	16.1 / 16.9	8.0 / 10.1	3.2 / 3.4
Starting Current (Amps)	53 / 56	26 / 33	11 / 11
Pre-fuse T (Amps)	20	15	15
Agency Approvals	UL-listed, cUL-listed, EAC, CE	UL-listed, cUL-listed, EAC, CE	UL-listed, cUL-listed, EAC, CE
Power Input Description	Terminal Block	Terminal Block	Terminal Block
PERFORMANCE FACTOR (EER), 50/60Hz, DIN EN 14511			
Cooling Performance L35 L35 50/60Hz	2.18 / 1.97	2.03 / 1.70	2.33 / 1.85
Cooling Performance L35 L50 50/60Hz	1.47 / 1.17	1.47 / 1.20	1.65 / 1.30
ENCLOSURE PROTECTION			
IP Code (External Loop / Internal Loop)	IP34 / IP54	IP34 / IP54	IP34 / IP54
CONTROLLER			
Description	Smart controller with display	Smart controller with display	Smart controller with display
Thermostat Location	Ambient side	Ambient side	Ambient side
Factory Thermostat Setting (°C)	35 °C	35 °C	35 °C
SOUND LEVEL			
At 1 M (dBA)	72	72	72
UNIT CONSTRUCTION			
Material	Steel	Steel	Steel
Finish	RAL 7035	RAL 7035	RAL 7035
UNIT DIMENSIONS			
Height (mm)	1580	1580	1580
Width (mm)	400	400	400
Depth (mm)	295	295	295
Weight (kg)	70	70	70

SPECTRACOOL SLIM FIT - 2500 WATT MODEL

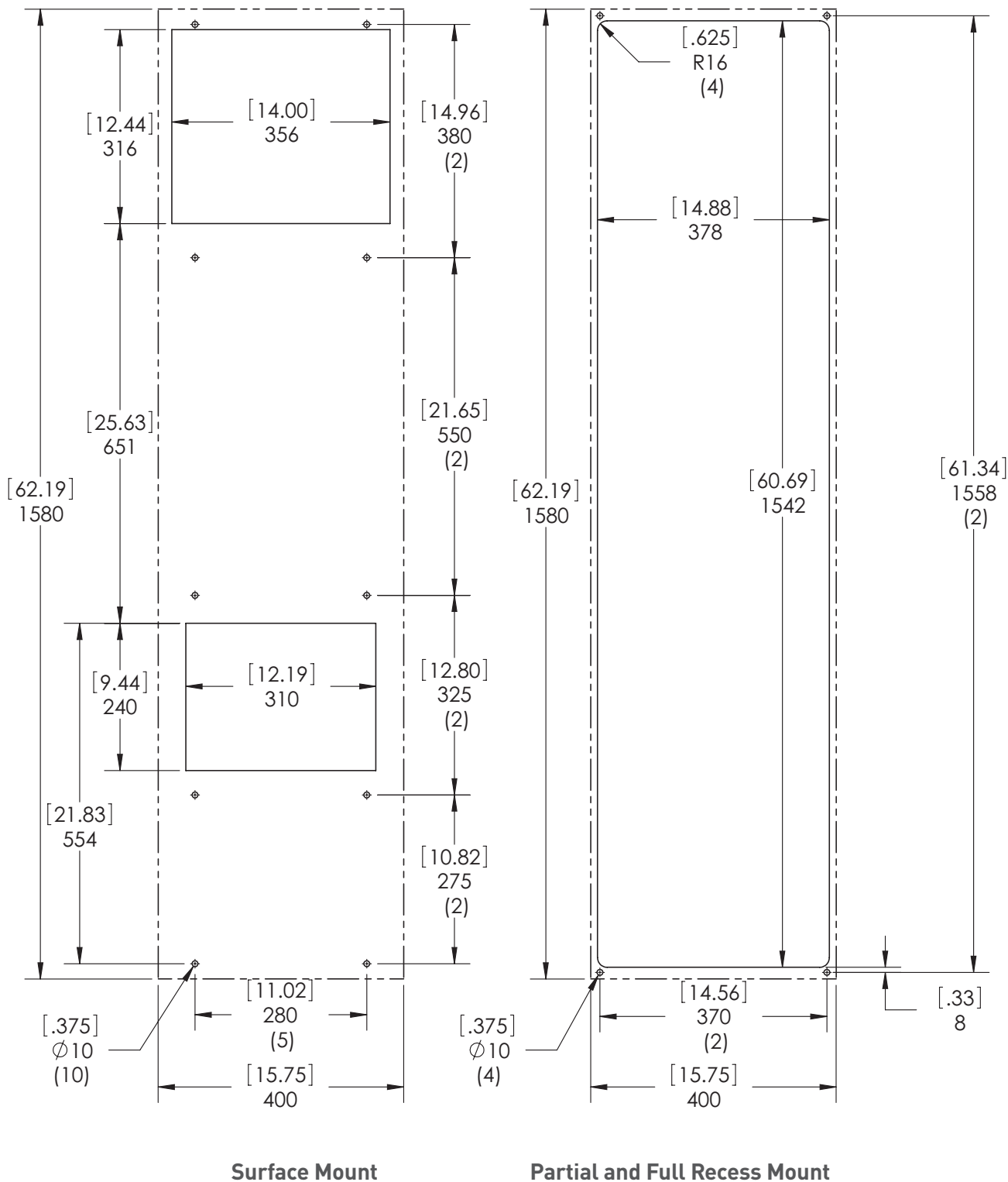
PERFORMANCE CURVES FOR 2500W MODELS ACCORDING TO EN 14511



SPECTRACOOL SLIM FIT - 2500 WATT MODEL



SPECTRACOOL SLIM FIT - 2500 WATT MODEL



2500W CUTOUT DRAWING
Dashed Lines Represent The Air Conditioner

SPECTRACOOOL SLIM FIT – 4000 WATT MODEL
TWO MOUNTING OPTIONS: SURFACE AND PARTIAL RECESS MOUNT

Unit Reference	4000W 400/460V 3~
Item number	
Indoor Model without Comm-Board	S164046G031
Indoor Model with Comm-Board	S164046G041
COOLING PERFORMANCE	
Total L35 L35, 50Hz, according to DIN EN 14511 (Watt)	4000
Cooling Performance L35 L35 (Watt) 50/60Hz	4000 / 4500
Cooling Performance L35 L50 (Watt) 50/60Hz	3050 / 3450
Refrigerant	R134a
Refrigerant Charge (g)	1247
Allowable Operating Pressure Max. allowable operating pressure (p. max.) bar	28
Operating Temperature Range Min. / Max. °C	10 / 55
Setting Temperature Range Min. / Max. °C	20 / 55
Airflow at 0 Static Pressure Internal Loop (m³/h)	494 / 576
External Loop (m³/h)	1070 / 1184
Duty Cycle	100%
Electrical Data	
Rated Voltage (Volt)	400 / 460
Phase	3~
Frequency (Hz)	50 / 60
Operating Range	+/- 10%
Max Power Consumption L35 L35 (Watt) 50/60Hz	1543 / 2073
Max Power Consumption L35 L50 (Watt) 50/60Hz	1719 / 2296
Max. Nominal Current (Amps)	4.2 / 4.4
Starting Current (Amps)	14 / 15
Pre-fuse I (Amps)	15
Agency Approvals	UL-listed, cUL-listed, EAC, CE
Power Input Description	Terminal Block
PERFORMANCE FACTOR (EER), 50/60Hz, DIN EN 14511	
Cooling Performance L35 L35 50/60Hz	2.30 / 1.93
Cooling Performance L35 L50 50/60Hz	1.65 / 1.35
ENCLOSURE PROTECTION	
IP Code (External Loop / Internal Loop)	IP34 / IP54
Controller	
Description	Smart controller with display
Thermostat Location	Ambient side
Factory Thermostat Setting (°C)	35 °C
SOUND LEVEL	
At 1 M (dBA)	72
UNIT CONSTRUCTION	
Material	Steel
Finish	RAL 7035
UNIT DIMENSIONS	
Height (mm)	1580
Width (mm)	500
Depth (mm)	340
Weight (kg)	92