

**SPECTRACOOL SLIM FIT INDOOR**


S06  
1000/1700 BTU/Hr.  
300/500 Watt

S10  
3400/5000 BTU/Hr.  
1000/1500 Watt

S16  
6800/8500/13500 BTU/Hr.  
2000/2500/4000 Watt

**INDUSTRY STANDARDS**

UL/cUL Listed Type 12; File No.SA6453

CE  
EAC  
IP 54 Internal Loop  
IP34 External Loop

**APPLICATION**

- Industrial Automation
- Machine Tool
- Automotive
- Packaging handling equipment
- Material handling

**FEATURES**

- Slim fit design
- Standard cutout dimension for easy exchange
- Energy efficient rotary compressor
- R134a earth-friendly refrigerant
- Models for 115, 230, and 400/460 3-phase VAC power input

- UL Listed to save customers time and money with agency approvals
- Active condensate management to prevent dripping water
- Aesthetic design plastic cover to optimize air flow
- Three mounting options; fully recessed, partial recessed and surface mount
- Remote access control option for monitoring units worldwide
- Easy filter replacement for extremely dusty environments
- Dust resistant coils for filterless operation
- Every unit functionally tested before shipping
- Standard Air Conditioners are compatible with an enclosure door switch

**SPECIFICATIONS**

- Nominal cooling capacity
  - S06 1000 and 1500 BTU/hr. (300 and 500 W)
  - S10 3400 and 5000 BTU/hr. (1000 and 1500 W)
  - S16 6800, 8500, and 13500 BTU/hr. (2000, 2500, and 4000 W)
- Operating temperature range from 50 F / 10 C to 131 F / 55 C

**FINISH**

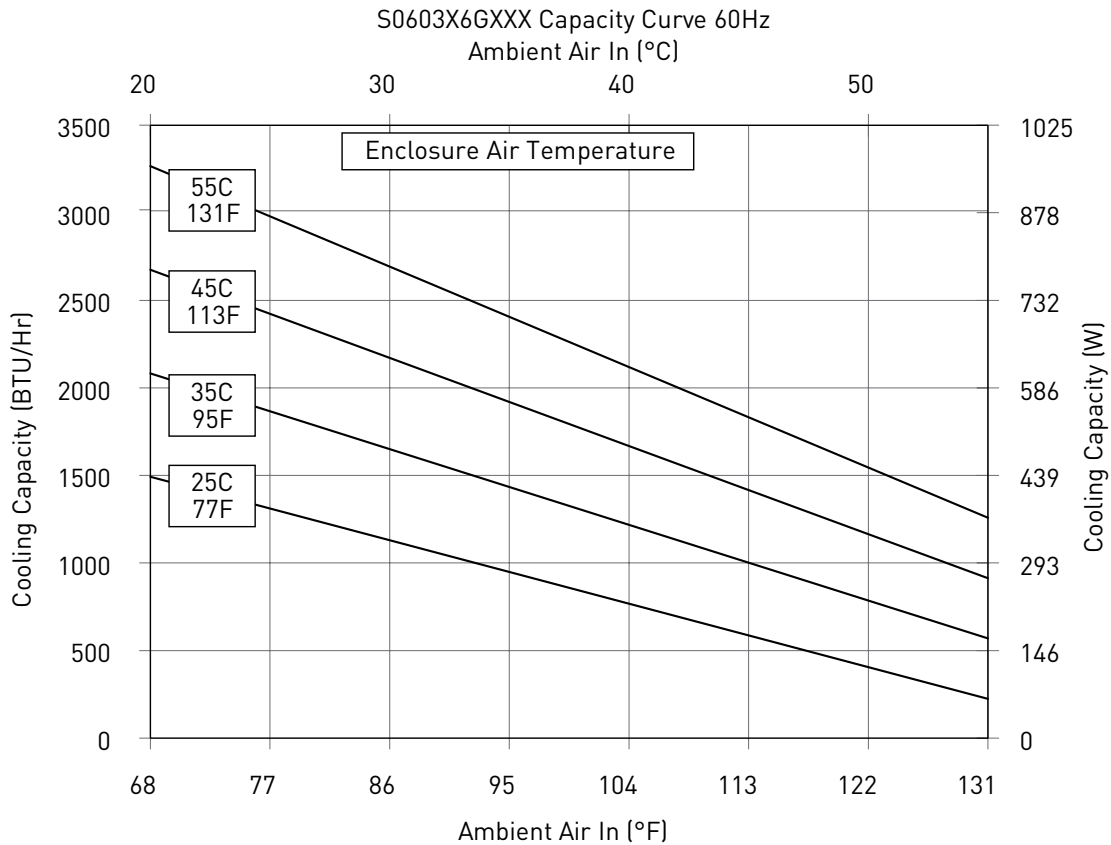
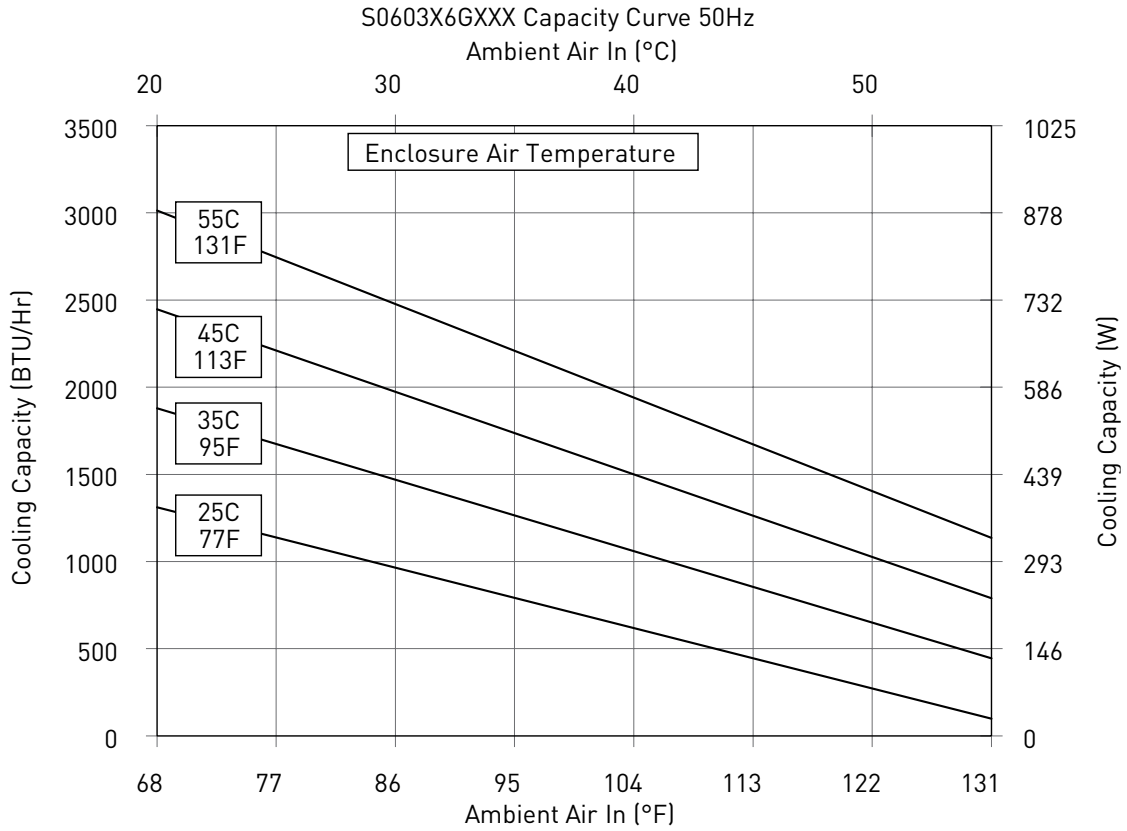
- RAL 7035 light-gray, semi-textured powder-coat paint

Performance Data **S06 1000/1700 BTU/Hr. (300/500 Watt)**

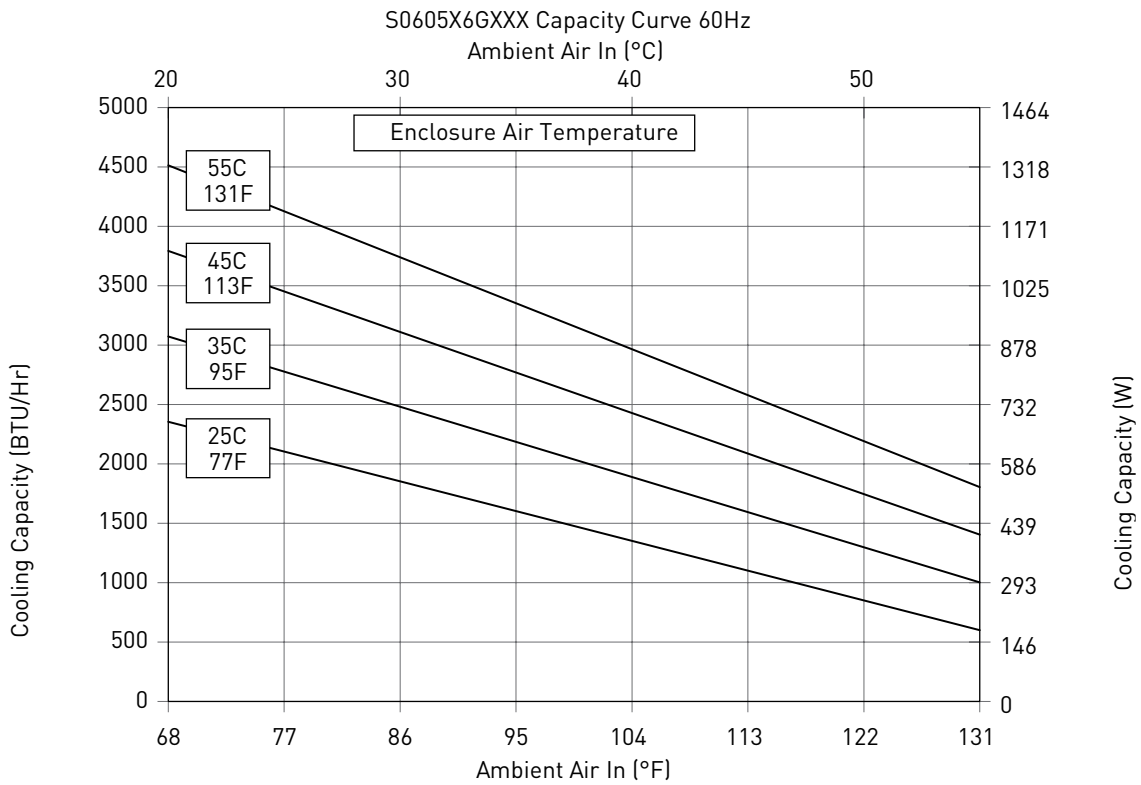
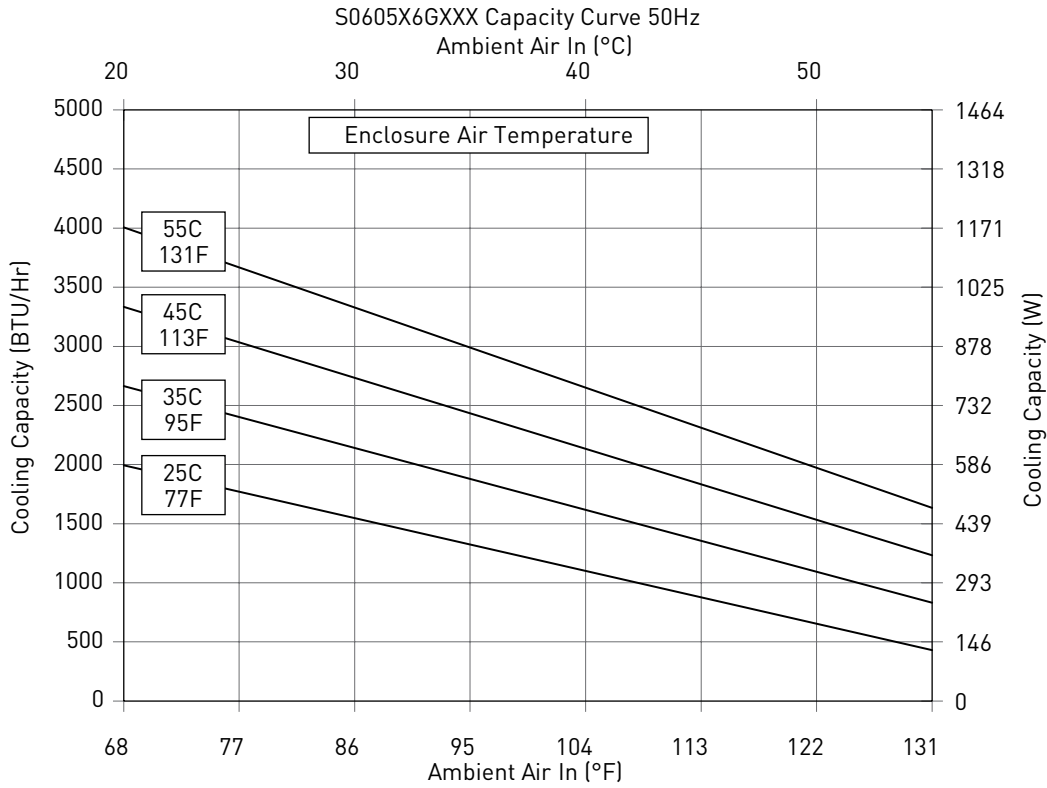
<b>CATALOG NUMBER</b>				
Indoor Model	S060316G050	S060326G050	S060516G050	S060526G050
Indoor Model with Remote Access Control*	S060316G060	S060326G060	S060516G060	S060526G060
<b>COOLING PERFORMANCE</b>				
<b>Nominal:</b>				
BTU/Hr.	1000	1000	1700	1700
Watts	300	300	500	500
At 95 F / 95 F (35 C / 35 C)				
BTU/Hr. (50/60 Hz)	1260/1430	1260/1430	1880/2190	1880/2190
W (50/60 Hz)	370/420	370/420	550/640	550/640
Refrigerant	R134a	R134a	R134a	R134a
Refrigerant Charge (ounces/grams)	4.7/133	4.5/128	5.7/162	5.7/162
Operating Temperature Range:				
Maximum (°F/°C)	125/52 (50 Hz) 131/55 (60 Hz)	131/55	131/55	131/55
Minimum (°F/°C)	50/10	50/10	50/10	50/10
Air Flow at 0 Static Pressure:				
Internal loop 50 Hz (CFM / m <sup>3</sup> /hr.)	64/109	64/109	116/197	116/197
External loop 50 Hz (CFM / m <sup>3</sup> /hr.)	76/129	76/129	111/189	111/189
Internal loop 60 Hz (CFM / m <sup>3</sup> /hr.)	73/124	73/124	137/233	137/233
External loop 60 Hz (CFM / m <sup>3</sup> /hr.)	92/156	92/156	129/219	129/219
<b>ELECTRICAL DATA</b>				
Rated Voltage	110 / 115	230	115	230
Frequency (Hz)	50/60	50/60	50/60	50/60
Operating Range	+/-10%	+/-10%	+/-10%	+/-10%
Max. Power Consumption (W)	270/300	300/320	450/470	450/480
Max. Nominal Current (A)	4.0/3.8	1.8/1.7	6.5/6.1	2.6/2.9
Starting Current (A)	13/13	6/6	21/20	9/10
Agency Approvals	UL/cUL Listed, CE, EAC			
Power Input Description	Terminal Block	Terminal Block	Terminal Block	Terminal Block
<b>ENCLOSURE PROTECTION</b>				
UL Type	Type 12			
International Rating	IP54 internal loop IP34 external loop			
<b>CONTROLLER</b>				
Description	Smart controller with display			
Thermostat Location	Ambient Side			
Factory Thermostat Setting (°F/°C)	95 / 35			
<b>SOUND LEVEL</b>				
At 1.5 Meters	65 dB(A)	65 dB(A)	66 dB(A)	66 dB(A)
<b>UNIT CONSTRUCTION</b>				
Material	Galvanized Sheet Metal Standard			
Finish	Powder Coat Semi-textured RAL 7035 Light Gray Standard			
<b>UNIT DIMENSIONS</b>				
Height (in./mm)	21.6 / 550			
Width (in./mm)	11.0 / 280			
Depth (in./mm)	5.5 / 140	5.5 / 140	8.1 / 206	8.1 / 206
Weight (lb./kg)	28 / 13	28 / 13	33 / 15	33 / 15

\*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

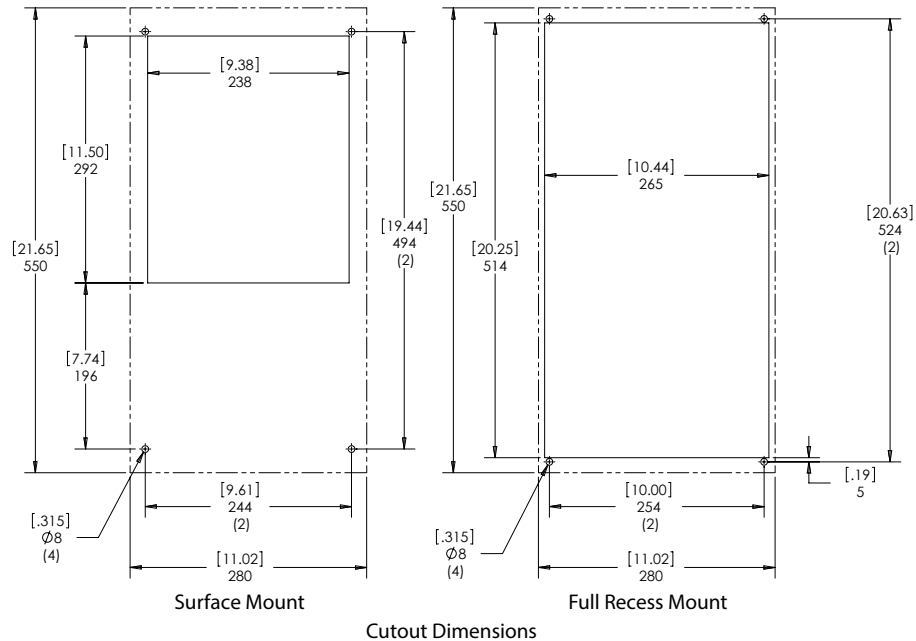
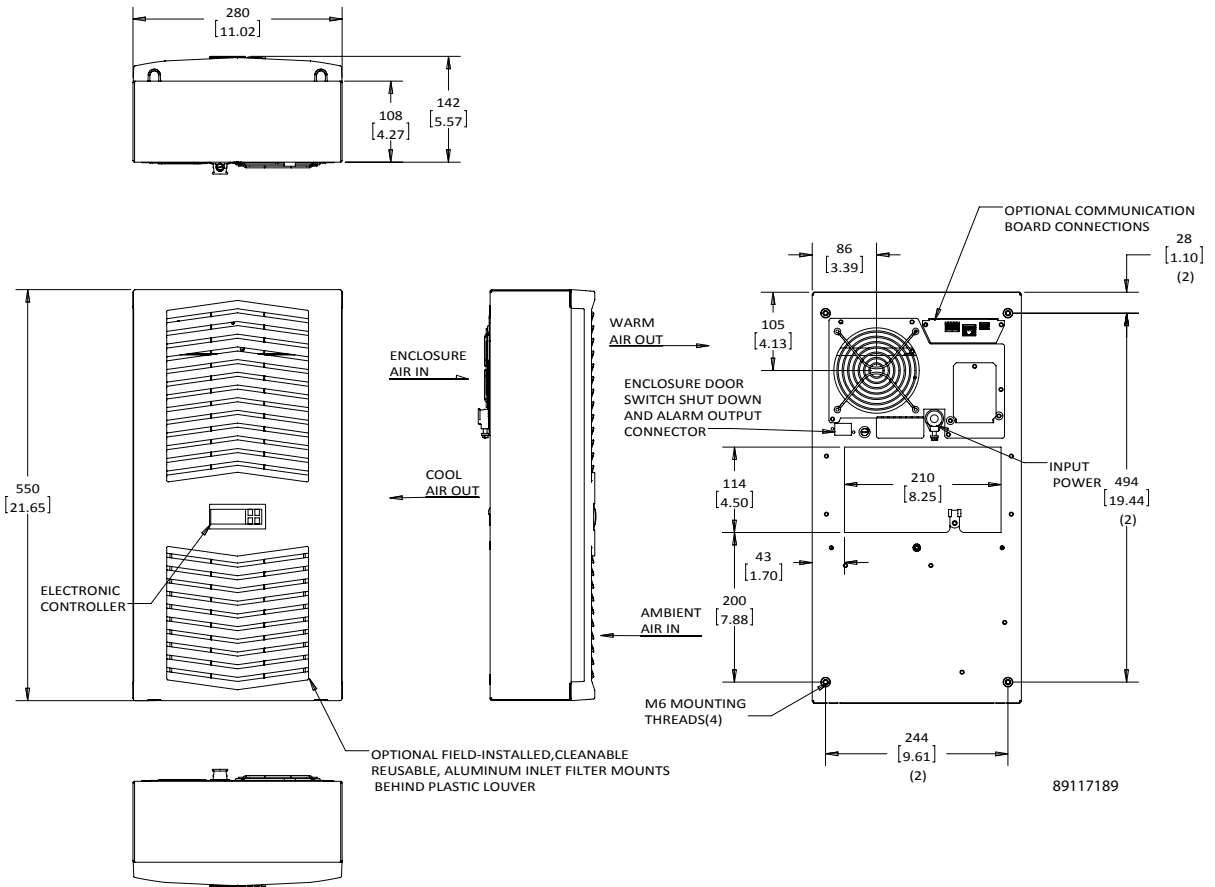
Performance Curves for S06 Models 1000 BTU/Hr. (300 Watt)



Performance Curves for S06 Models 1700 BTU/Hr. (500 Watt)

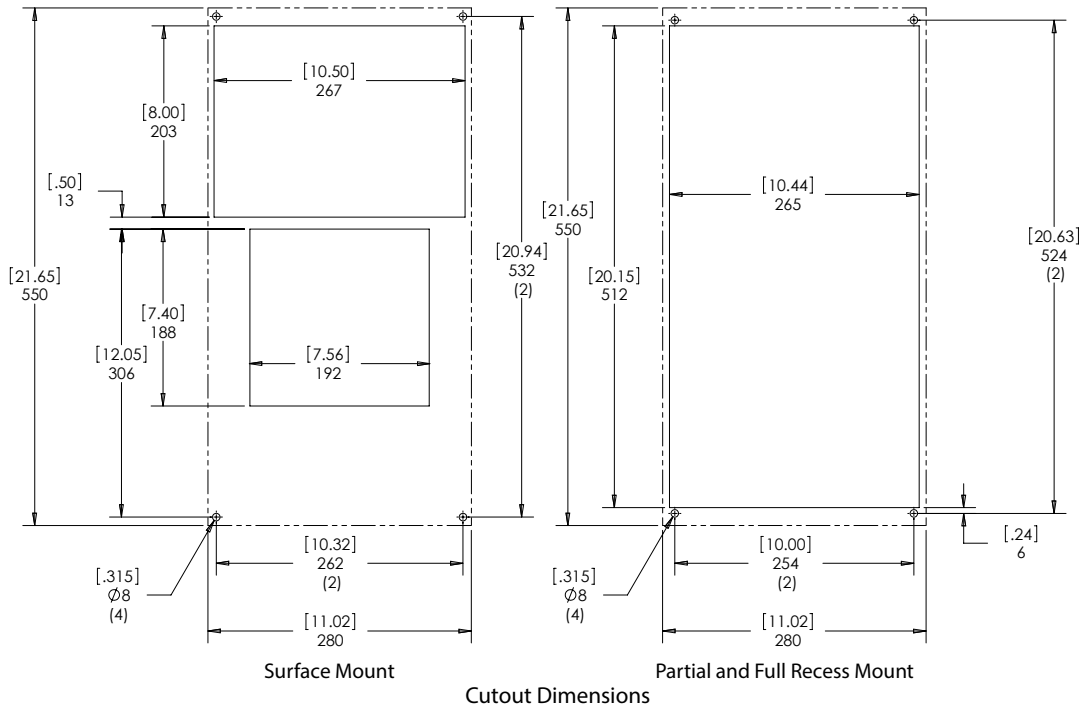
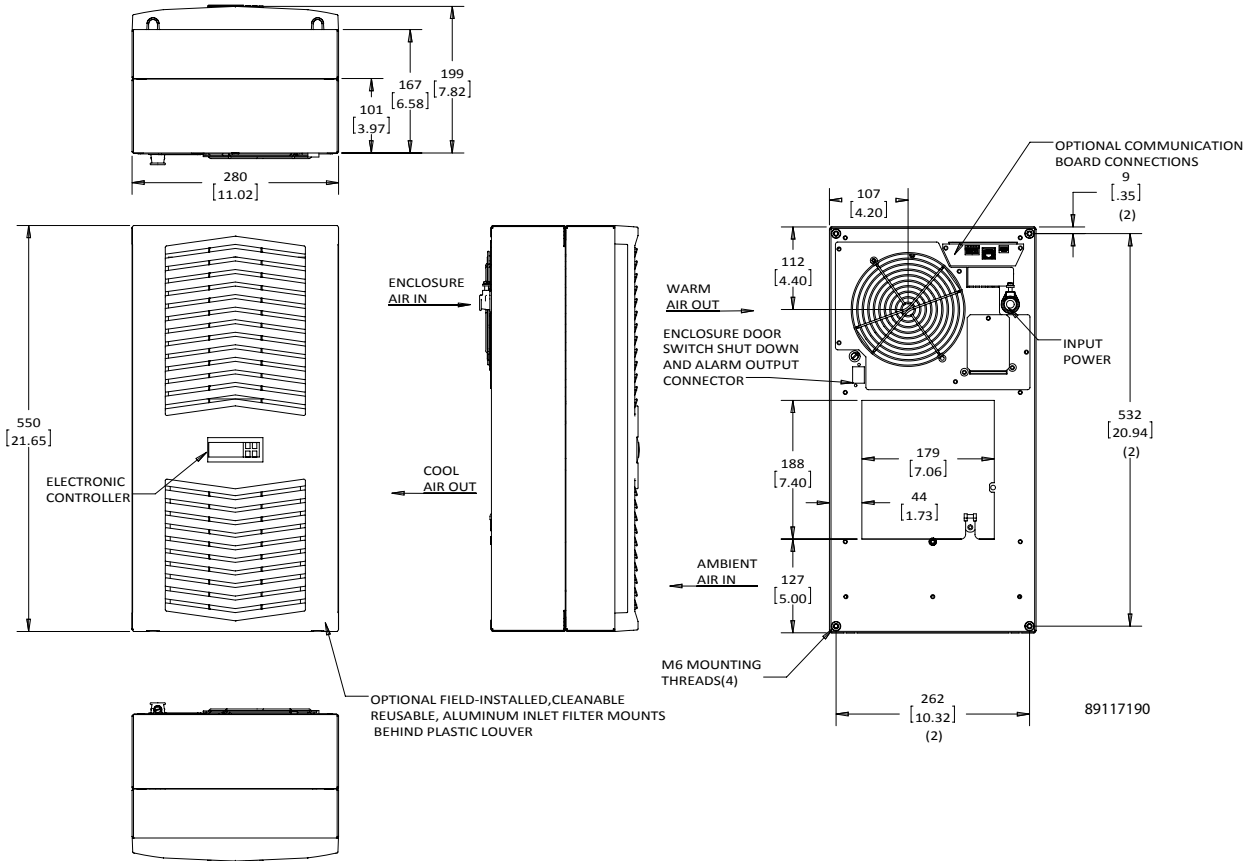


S06 Models 1000 BTU/Hr. (300 Watt)



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S06 Models 1700 BTU/Hr. (500 Watt)



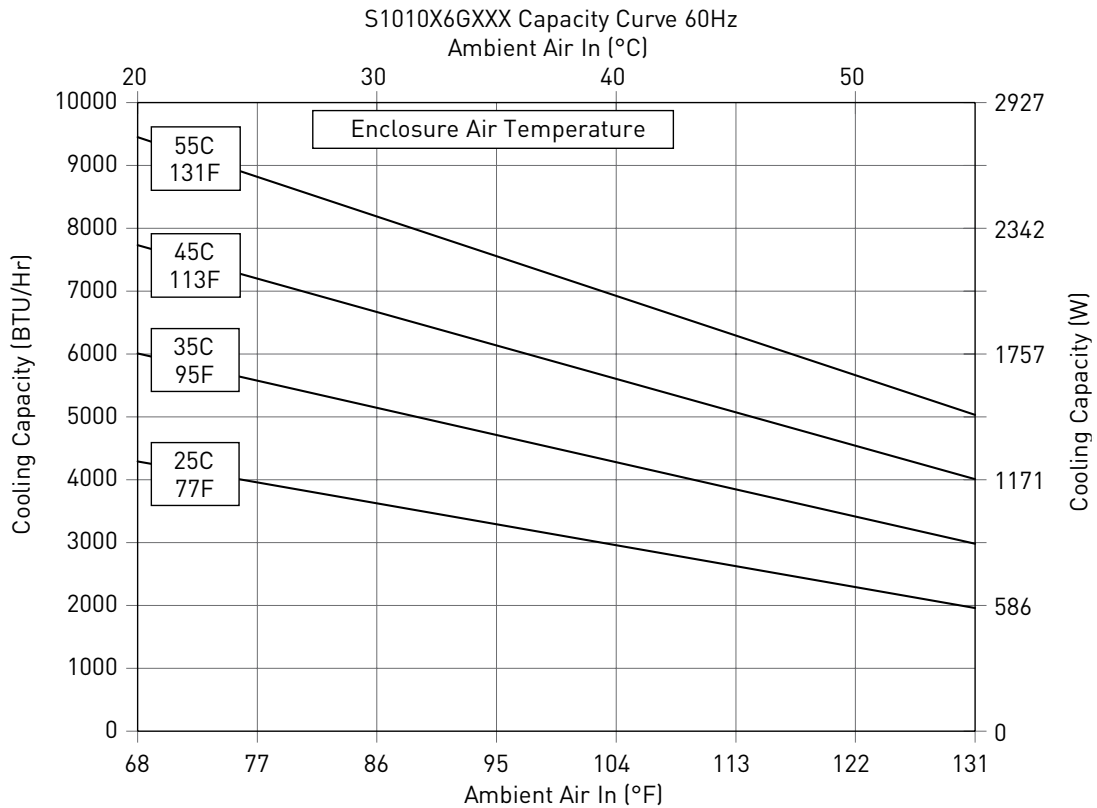
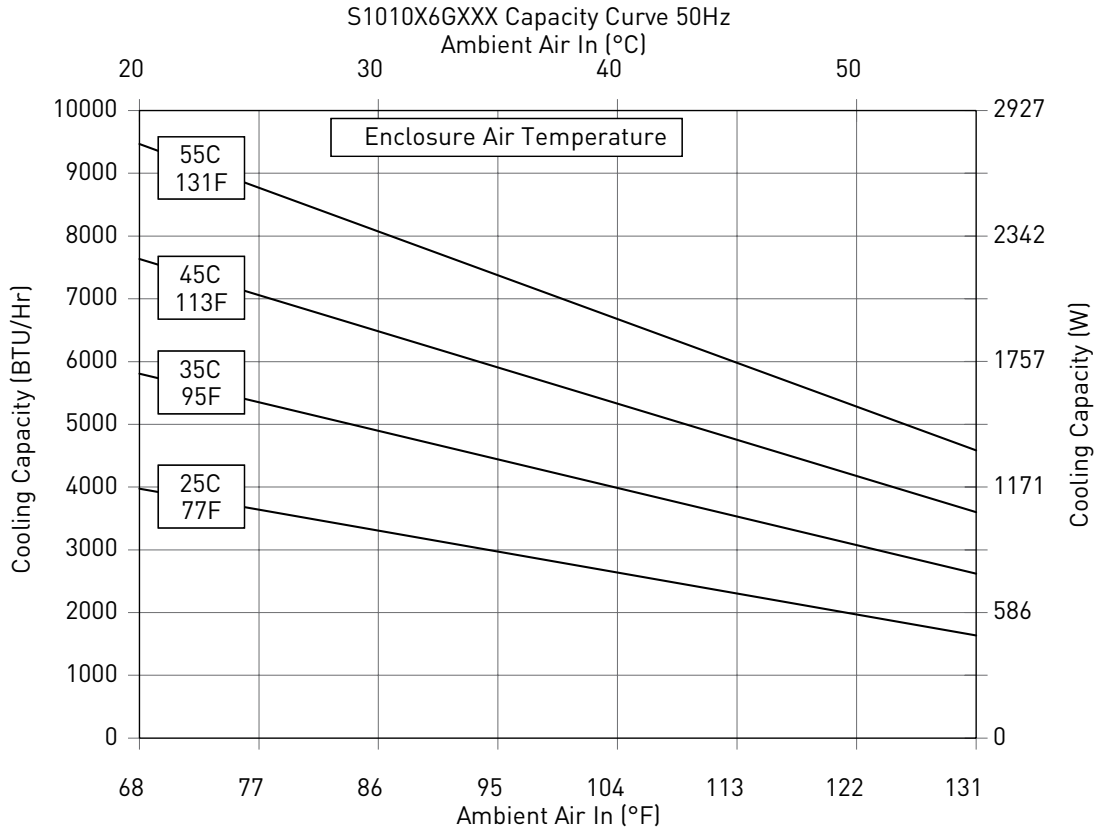
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**Performance Data S10 3400/5000 BTU/Hr. (1000/1500 Watt)**

<b>CATALOG NUMBER</b>						
Indoor Model	S101016G050	S101026G050	S101046G050	S101516G050	S101526G050	S101546G050
Indoor Model with Remote Access Control*	S101016G060	S101026G060	S101046G060	S101516G060	S101526G060	S101546G060
<b>COOLING PERFORMANCE</b>						
<b>Nominal:</b>						
BTU/Hr.	3400	3400	3400	5000	5000	5000
Watts	1000	1000	1000	1500	1500	1500
At 95 F / 95 F (35 C / 35 C)						
BTU/Hr. (50/60 Hz)	4440/4710	4440/4710	4440/4710	6150/6420	6150/6420	6150/6420
W (50/60 Hz)	1300/1380	1300/1380	1300/1380	1800/1880	1800/1880	1800/1880
Refrigerant	R134a	R134a	R134a	R134a	R134a	R134a
Refrigerant Charge (ounces/grams)	10/283	10/283	10/283	15/425	15/425	18/510
Operating Temperature Range:						
Maximum (°F/°C)	131/55	131/55	131/55	131/55	131/55	131/55
Minimum (°F/°C)	50/10	50/10	50/10	50/10	50/10	50/10
Air Flow at 0 Static Pressure:						
Internal loop 50 Hz (CFM / m <sup>3</sup> /hr.)	206/350	206/350	206/350	201/342	201/342	201/342
External loop 50 Hz (CFM / m <sup>3</sup> /hr.)	334/567	334/567	334/567	339/576	339/576	339/576
Internal loop 60 Hz (CFM / m <sup>3</sup> /hr.)	230/391	230/391	230/391	230/391	230/391	230/391
External loop 60 Hz (CFM / m <sup>3</sup> /hr.)	344/584	344/584	344/584	341/579	341/579	341/579
<b>ELECTRICAL DATA</b>						
Rated Voltage	115	230	400 / 460 1~	115	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)	810/1010	670/800	750/960	850/1040	850/1040	930/1130
Max. Nominal Current (A)	9.6/10.2	4.1/5.5	2.1/2.4	9.6/10.2	5.1/6.7	2.1/2.4
Starting Current (A)	32/34	14/18	7/8	32/34	17/22	7/8
Agency Approvals	UL/cUL Listed, CE, EAC					
Power Input Description	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block
<b>ENCLOSURE PROTECTION</b>						
UL Type	Type 12					
International Rating	IP54 internal loop IP34 external loop					
<b>CONTROLLER</b>						
Description	Smart controller with display					
Thermostat Location	Ambient Side					
Factory Thermostat Setting (°F/°C)	95 / 35					
<b>SOUND LEVEL</b>						
At 1.5 Meters	69 dB(A)	69 dB(A)	69 dB(A)	70dB(A)	70dB(A)	70dB(A)
<b>UNIT CONSTRUCTION</b>						
Material	Galvanized Sheet Metal Standard					
Finish	Powder Coat Semi-textured RAL 7035 Light Gray Standard					
<b>UNIT DIMENSIONS</b>						
Height (in./mm)	37.4 / 950					
Width (in./mm)	15.7 / 400					
Depth (in./mm)	10.2 / 259					
Weight (lb./kg)	86/39	86/39	99/45	95/43	95/43	95/43

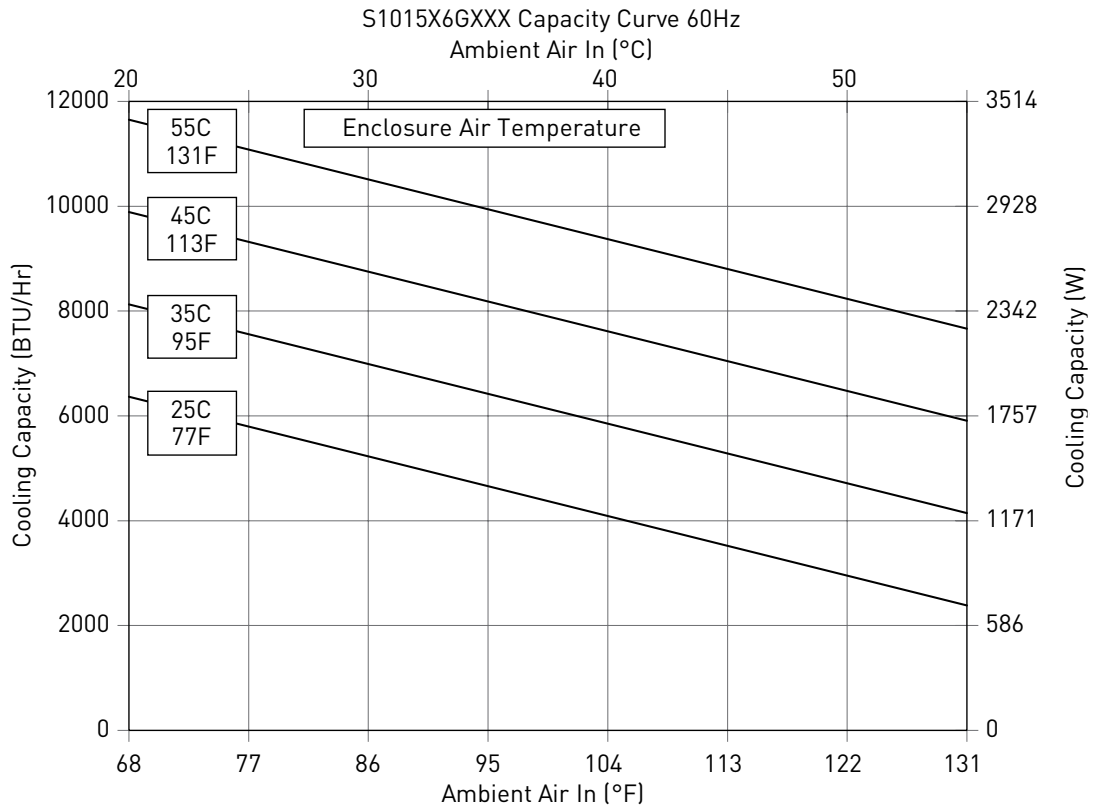
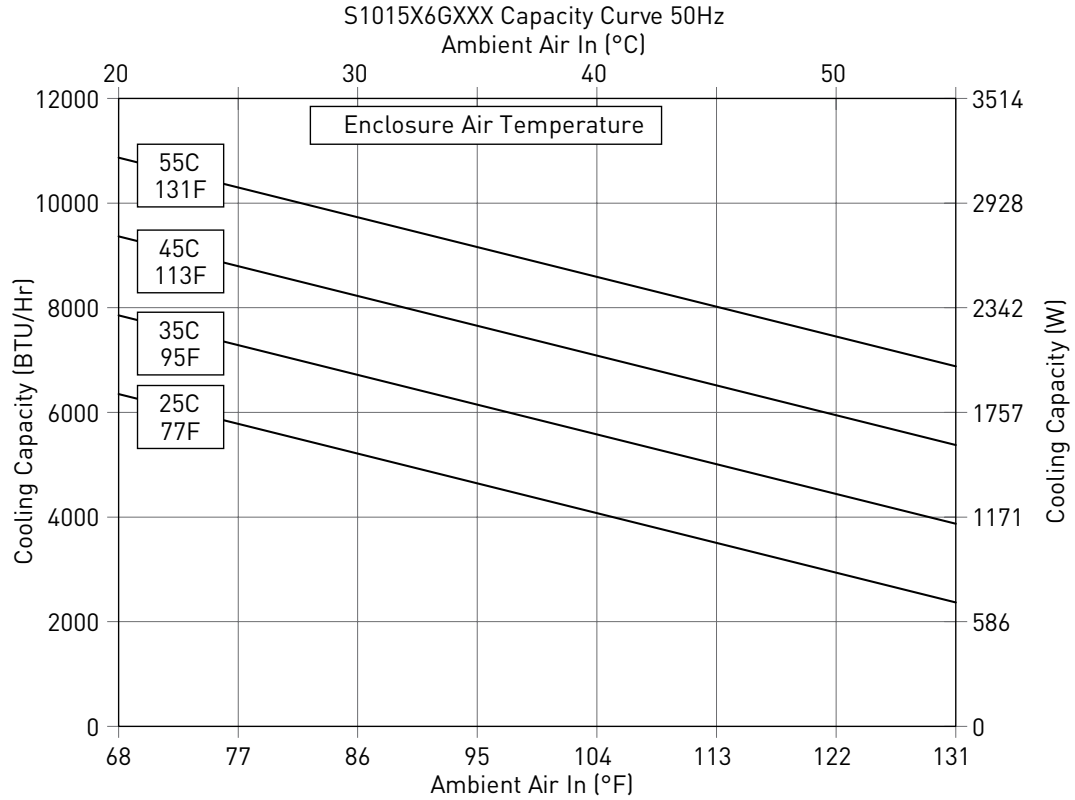
\*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

Performance Curves for S10 Models 3400 BTU/Hr. (1000 Watt)

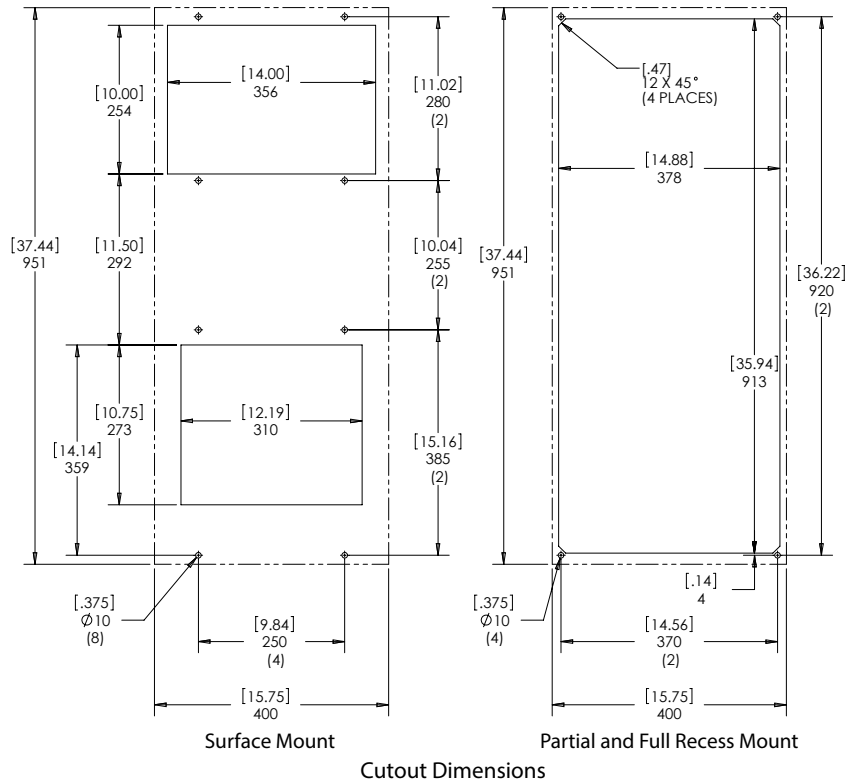
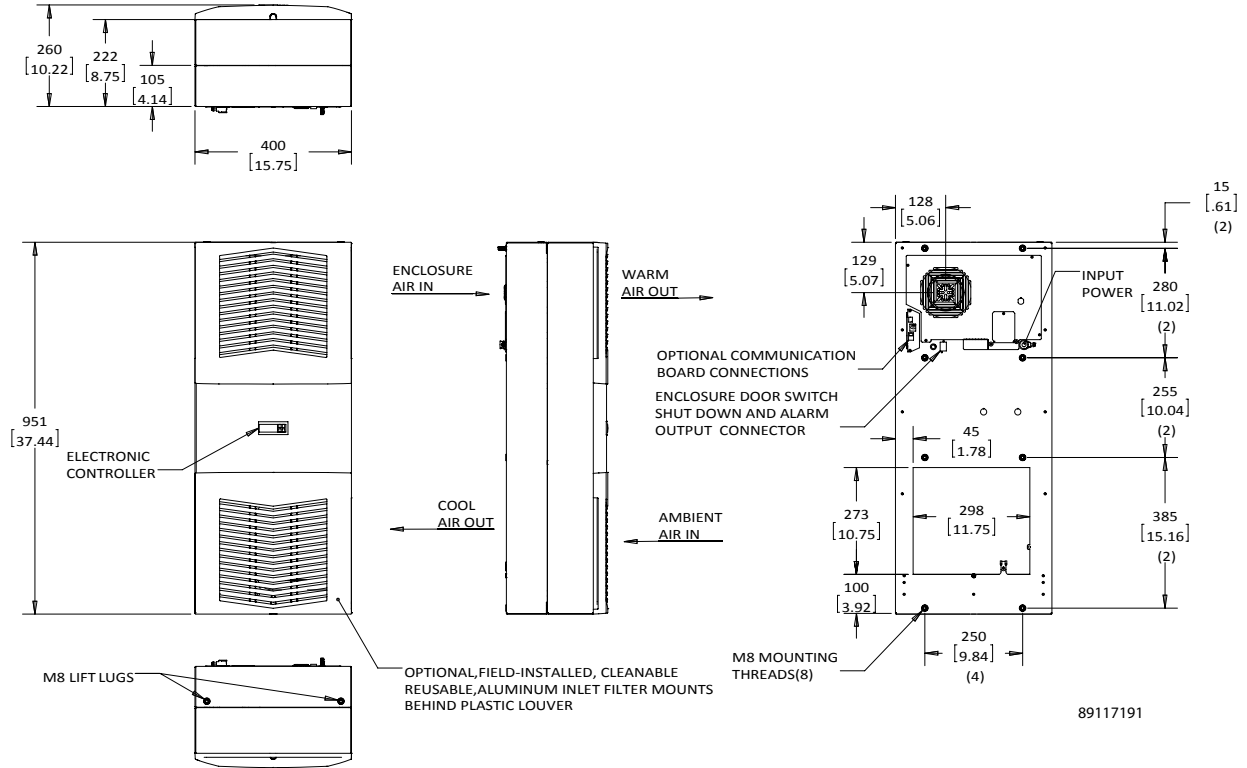




Performance Curves for S10 Models 5000 BTU/Hr. (1500 Watt)



S10 Models 3400/5000 BTU/Hr. (1000/1500 Watt)



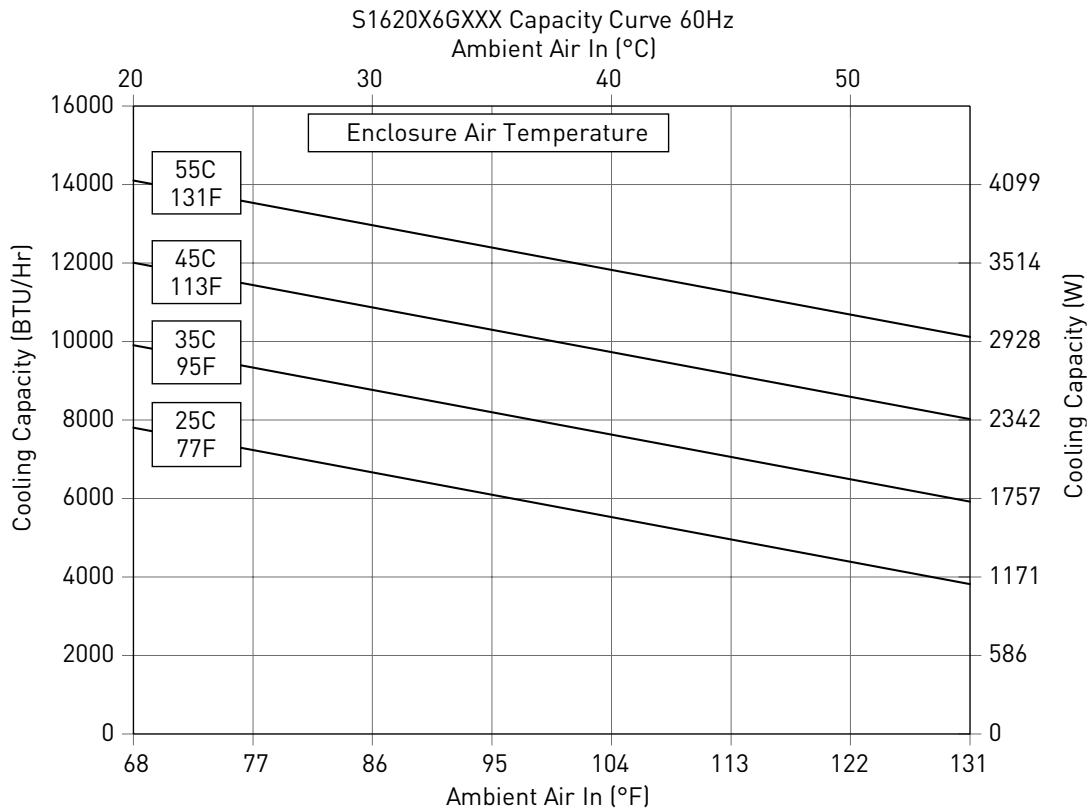
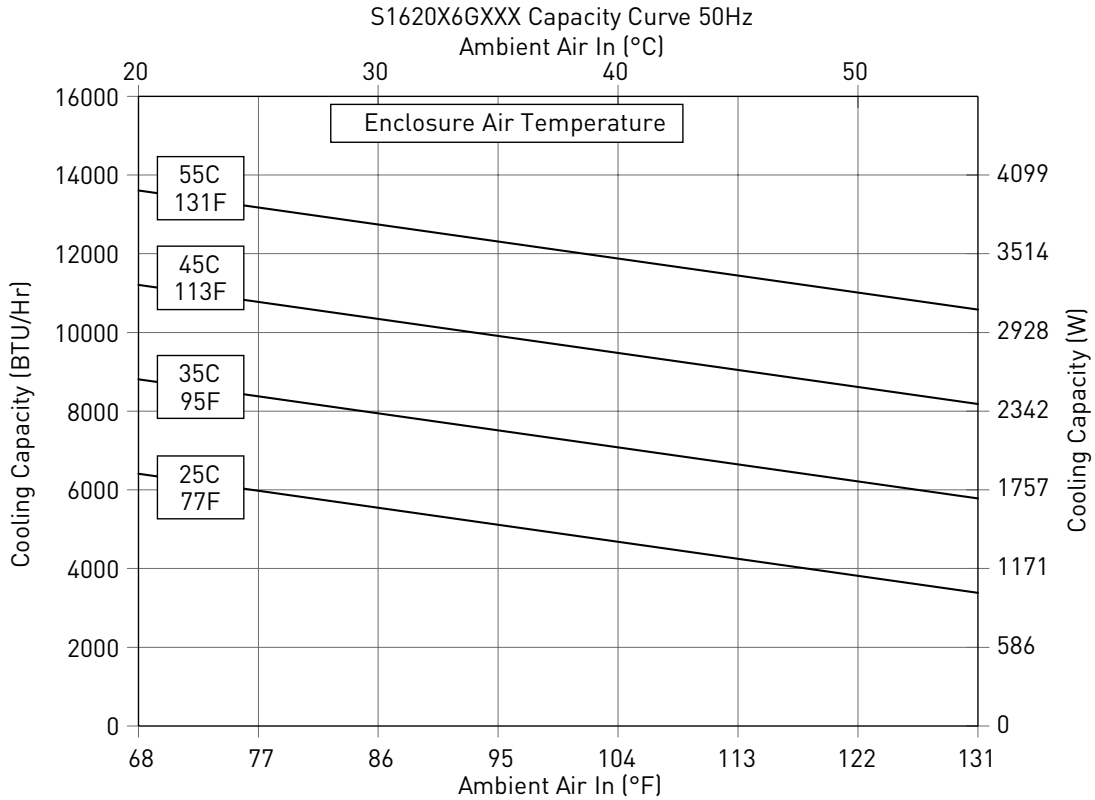
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**Performance Data S16 6800/8500/13500 BTU/Hr. (2000/2500/4000 Watt)**

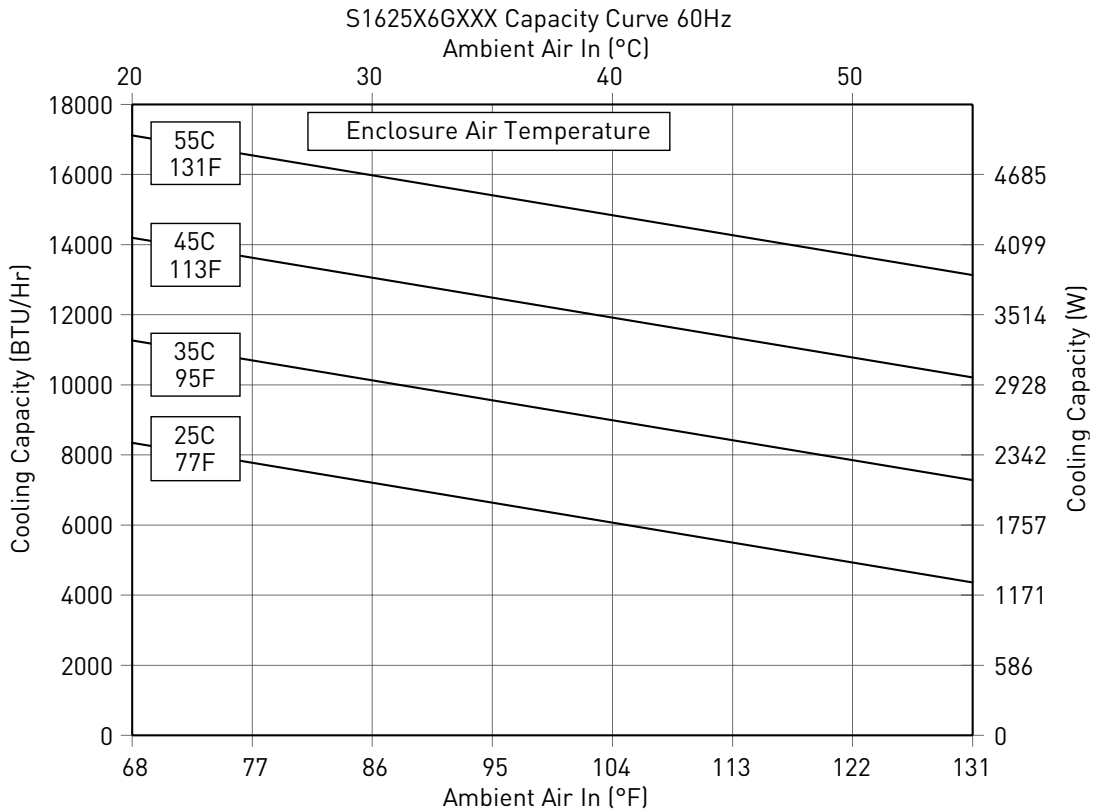
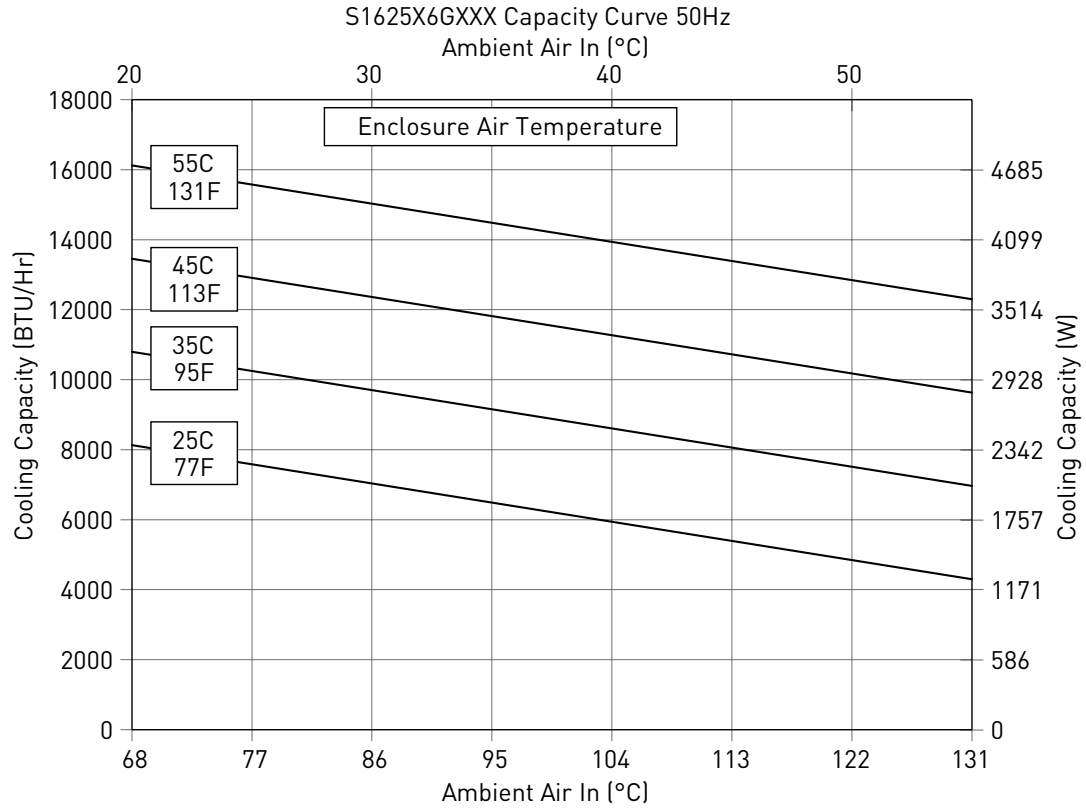
<b>CATALOG NUMBER</b>							
Indoor Model	S162016G050	S162026G050	S162046G050	S162516G050	S162526G050	S162546G050	S164046G050
Indoor Model with Remote Access Control*	S162016G060	S162026G060	S162046G060	S162516G060	S162526G060	S162546G060	S164046G060
<b>COOLING PERFORMANCE</b>							
<b>Nominal:</b>							
BTU/Hr.	6800	6800	6800	8500	8500	8500	13500
Watts	2000	2000	2000	2500	2500	2500	4000
At 95 F / 95 F (35 C / 35 C)							
BTU/Hr. (50/60 Hz)	7510/8200	7510/8200	7510/8200	9150/9560	9150/9560	9150/9560	13700/15400
W (50/60 Hz)	2200/2400	2200/2400	2200/2400	2680/2800	2680/2800	2680/2800	4000/4500
Refrigerant	R134a	R134a	R134a	R134a	R134a	R134a	R134a
Refrigerant Charge (ounces/grams)	25/709	25/709	25/709	26/737	26/737	30/850	44/1247
Operating Temperature Range:							
Maximum (°F/°C)	131/55	131/55	131/55	131/55	131/55	131/55	131/55
Minimum (°F/°C)	50/10	50/10	50/10	50/10	50/10	50/10	50/10
Air Flow at 0 Static Pressure:							
Internal loop 50 Hz (CFM / m <sup>3</sup> /hr.)	267/454	267/454	267/454	263/447	263/447	263/447	291/494
External loop 50 Hz (CFM / m <sup>3</sup> /hr.)	373/634	373/634	373/634	650/1104	650/1104	650/1104	630/1070
Internal loop 60 Hz (CFM / m <sup>3</sup> /hr.)	285/484	285/484	285/484	274/466	274/466	274/466	339/576
External loop 60 Hz (CFM / m <sup>3</sup> /hr.)	385/654	385/654	385/654	673/1143	673/1143	673/1143	697/1184
<b>ELECTRICAL DATA</b>							
Rated Voltage	115	230	400 / 460 3~	115	230	400 / 460 3~	400 / 460 3~
Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Operating Range	+/-10%	+/-10%	+/-10%	+/-10%	+/-10%	+/-10%	+/-10%
Max. Power Consumption (W)	930/1090	940/1140	900/1180	1230/1420	1320/1650	1150/1510	1790/2310
Max. Nominal Current (A)	11.1/12.5	5.7/7.2	2.2/2.6	16.1/16.9	8.0/10.1	3.2/3.4	4.2/4.4
Starting Current (A)	37/41	19/24	7/9	53/56	26/33	11/11	14/15
Agency Approvals	UL/cUL Listed, CE, EAC						
Power Input Description	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block	Terminal Block
<b>ENCLOSURE PROTECTION</b>							
UL Type	Type 12						
International Rating	IP54 internal loop IP34 external loop						
<b>CONTROLLER</b>							
Description	Smart controller with display						
Thermostat Location	Ambient Side						
Factory Thermostat Setting (°F/°C)	95 / 35						
<b>SOUND LEVEL</b>							
At 1.5 Meters	67 dB(A)	67 dB(A)	67 dB(A)	71 dB(A)	71 dB(A)	71 dB(A)	70 dB(A)
<b>UNIT CONSTRUCTION</b>							
Material	Galvanized Sheet Metal Standard						
Finish	Powder Coat Semi-textured RAL 7035 Light Gray Standard						
<b>UNIT DIMENSIONS</b>							
Height (in./mm)	62.2/1580						
Width (in./mm)	15.7/400	15.7/400	15.7/400	15.7/400	15.7/400	15.7/400	19.7/500
Depth (in./mm)	11.6/295	11.6/295	11.6/295	11.6/295	11.6/295	11.6/295	13.4/340
Weight (lb./kg)	150/68	150/68	150/68	154/70	154/70	154/70	203/92

\*Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

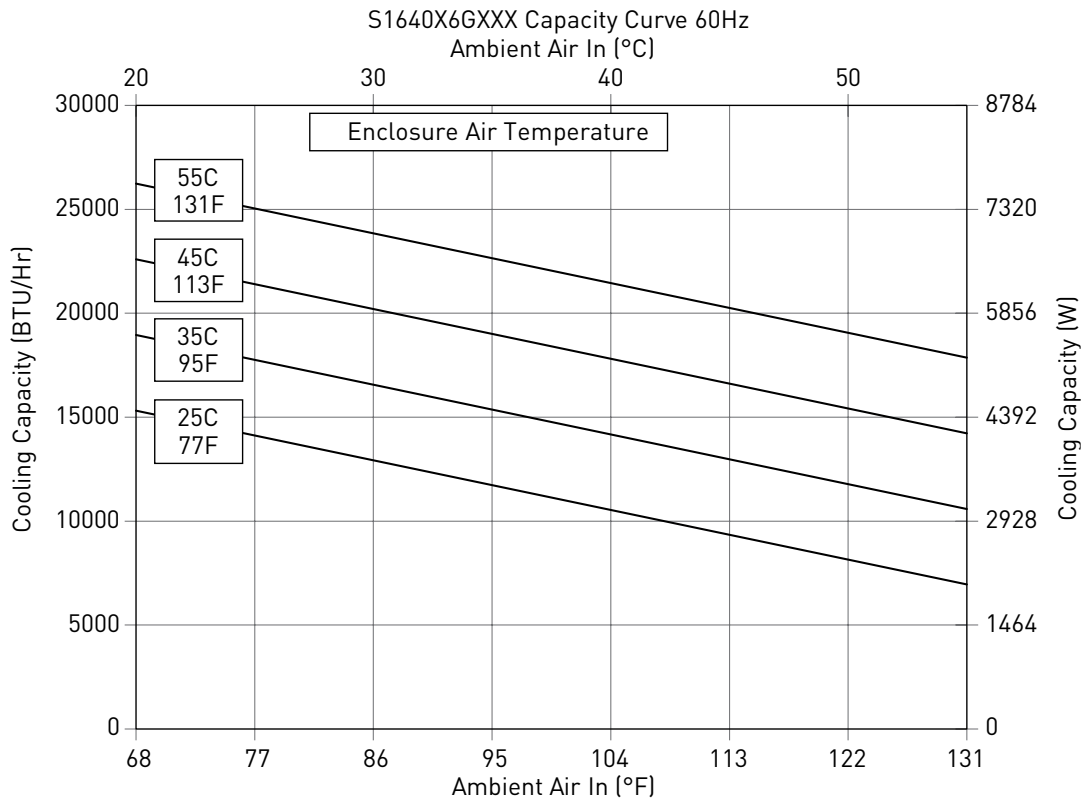
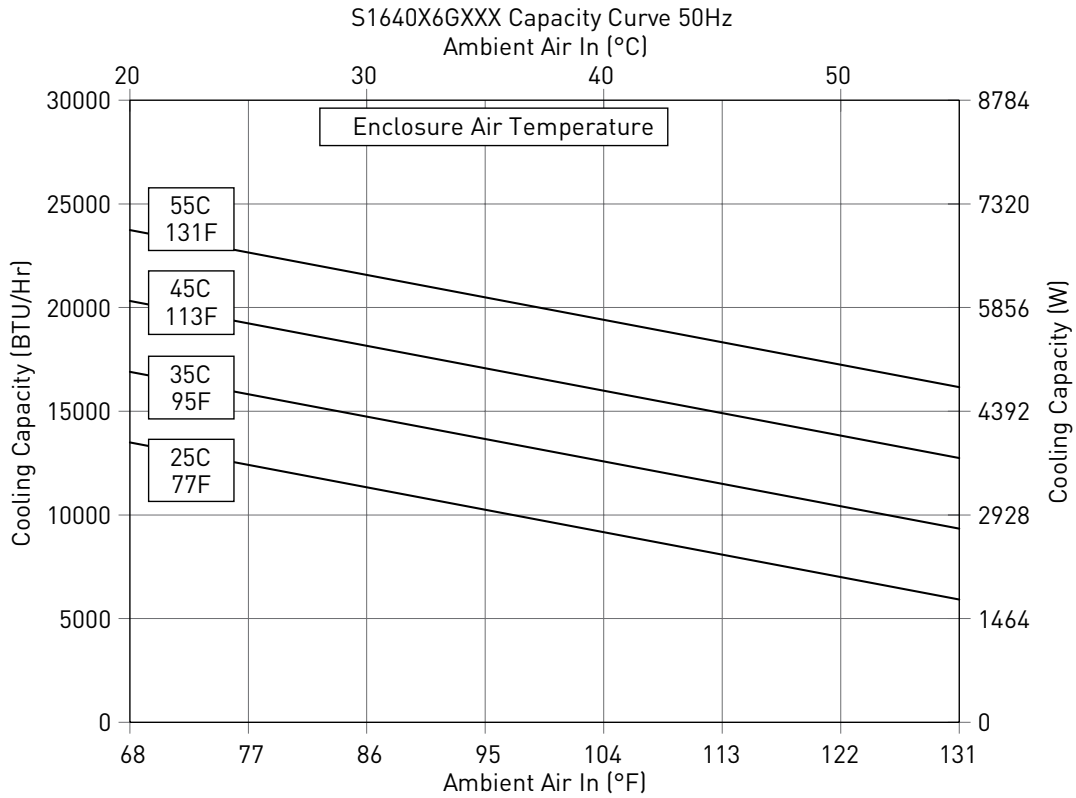
Performance Curves for S16 Models 6800 BTU/Hr. (2000 Watt)



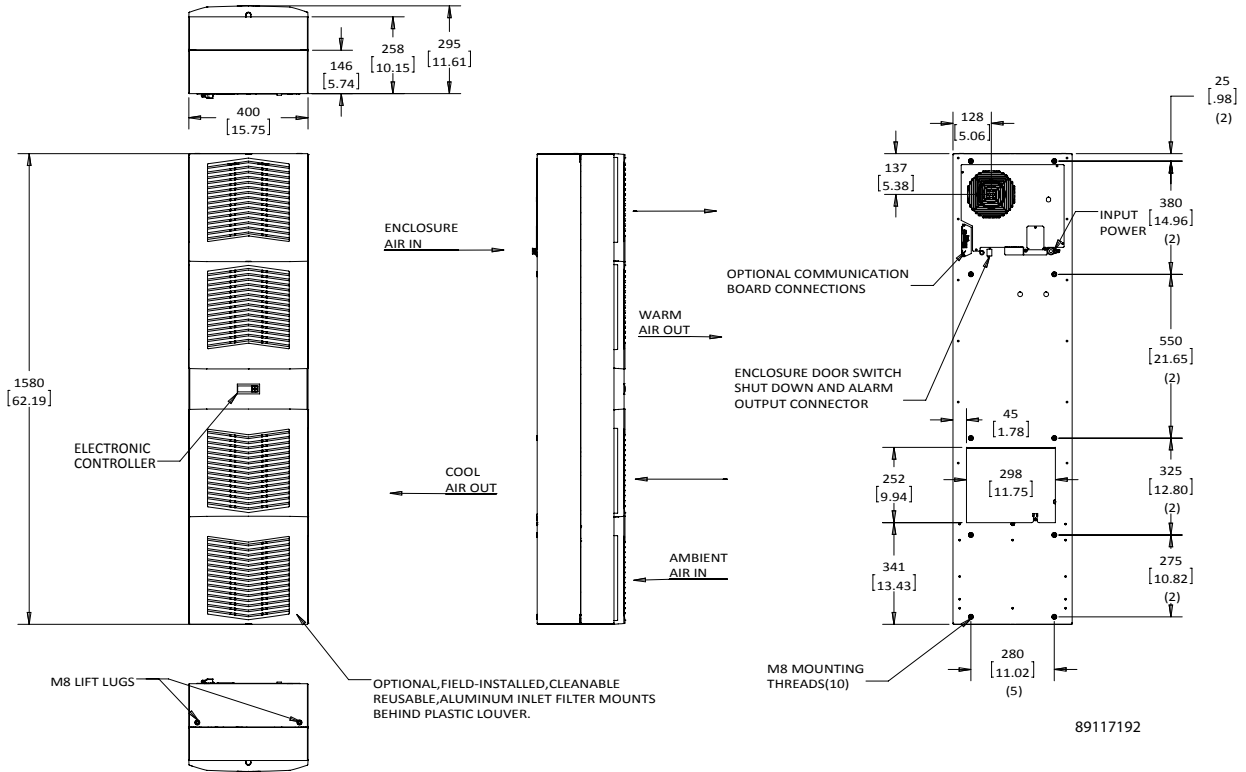
Performance Curves for S16 Models 8500 BTU/Hr. (2500 Watt)



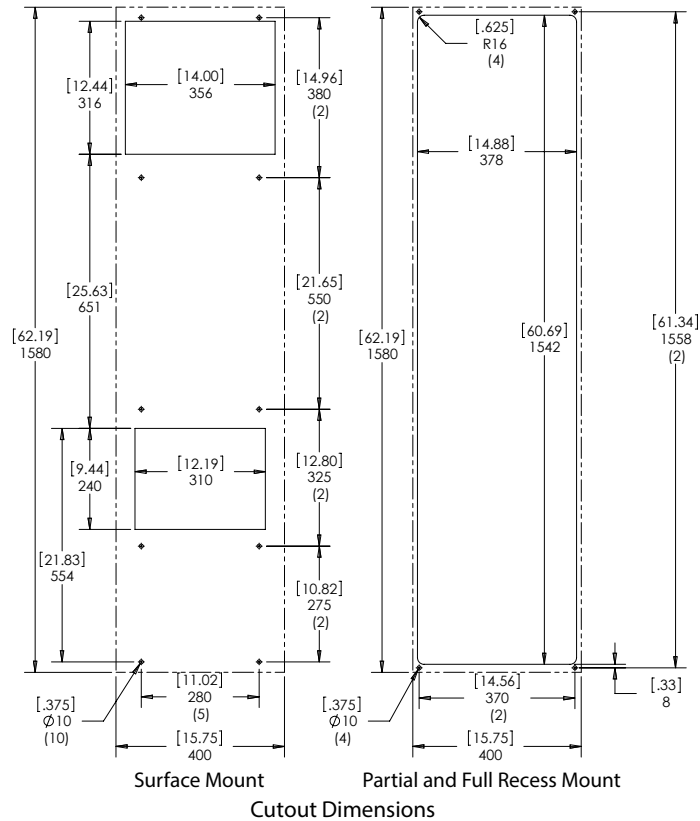
Performance Curves for S16 Models 13500 BTU/Hr. (4000 Watt)



S16 Models 6800/8500 BTU/Hr. (2000/2500 Watt)

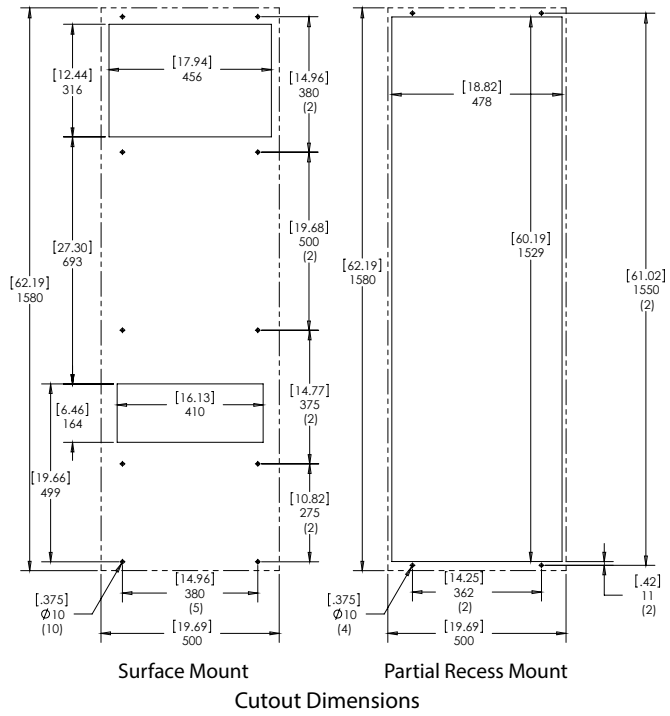
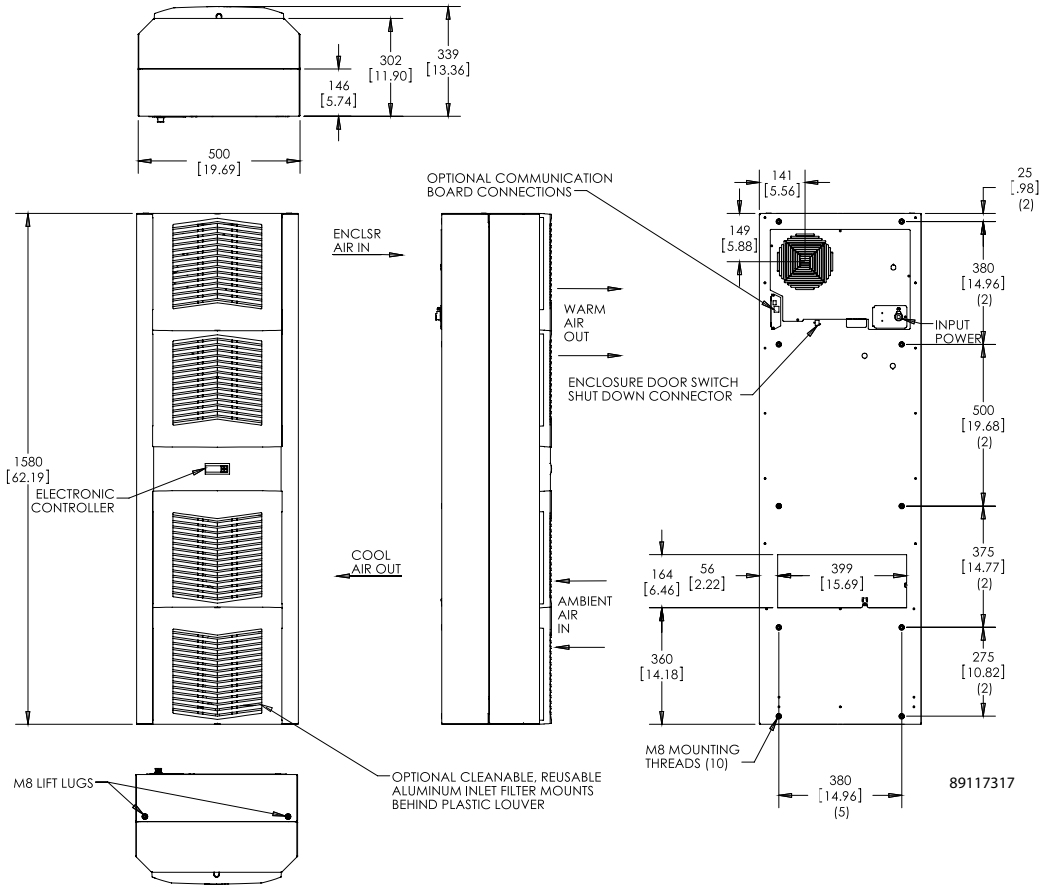


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S16 Models 13500 BTU/Hr. (4000 Watt)



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