

**T-SERIES LARGE CAPACITY OUTDOOR**


**T62**  
2000 BTU/Hr.  
5860 Watts

**T70-36**  
36000 BTU/Hr.  
10548 Watts

**T70-60**  
59000 BTU/Hr.  
17287 Watts

**INDUSTRY STANDARDS**

UL/cUL Listed; Type 12, 3R, 4; 4X optional; File No. SA6453  
UR/cUR Recognized

UR/cUR Recognized on select models, reference performance data tables.

CE

GOST

Telcordia GR-487 capable

**APPLICATION**

- Industrial automation
- Telecommunications equipment
- Package handling equipment
- Security and defense systems
- And more

**FEATURES**

- Stock models equipped with head pressure control for low-ambient operation, compressor heater, coated condenser coil, malfunction switch, thermostat and heater package
- R-407C earth-friendly refrigerant
- Models for 230 and 460 VAC power input
- UL Listed to save customers time and money with agency approvals (some models UL recognized)
- Outdoor model operating temperature range from -40 F/-40 C to 131 F/55 C
- Exterior and fully recessed mounting options on many models
- Compact footprint to minimize real estate and maximize capacity
- Reliable mechanical thermostat on enclosure side of the unit
- Dual condenser-side air movers for performance redundancy
- Painted galvanized sheet-metal cover for rugged factory and outdoor environments
- Easy-mount flanges for simple installation

- Cleanable, reusable aluminum mesh filter protects coils for maximum cooling performance
- Mounting hardware, gaskets and user manual furnished with the unit
- Every unit functionally tested before shipping
- Standard Outdoor Air Conditioner models also include:
  - Telcordia GR-487 capable
  - Thermostat
  - Corrosion-resistant components
  - Malfunction switch
  - Compressor heater
  - Head pressure control
  - Enclosure heater

**FINISH**

- RAL 7035 light-gray, semi-textured powder-coat paint
- Other colors and textures available

**OPTIONS**

- Thermostat Malfunction Package
- Special Voltage Package
- Outdoor Package
- Harsh Environment Package\*
- Stainless Steel Package\*
- Heater Package
  - \* PROAIR A/C may be more appropriate. Refer to PROAIR A/C Chapter. Consult the Factory for availability and catalog number.

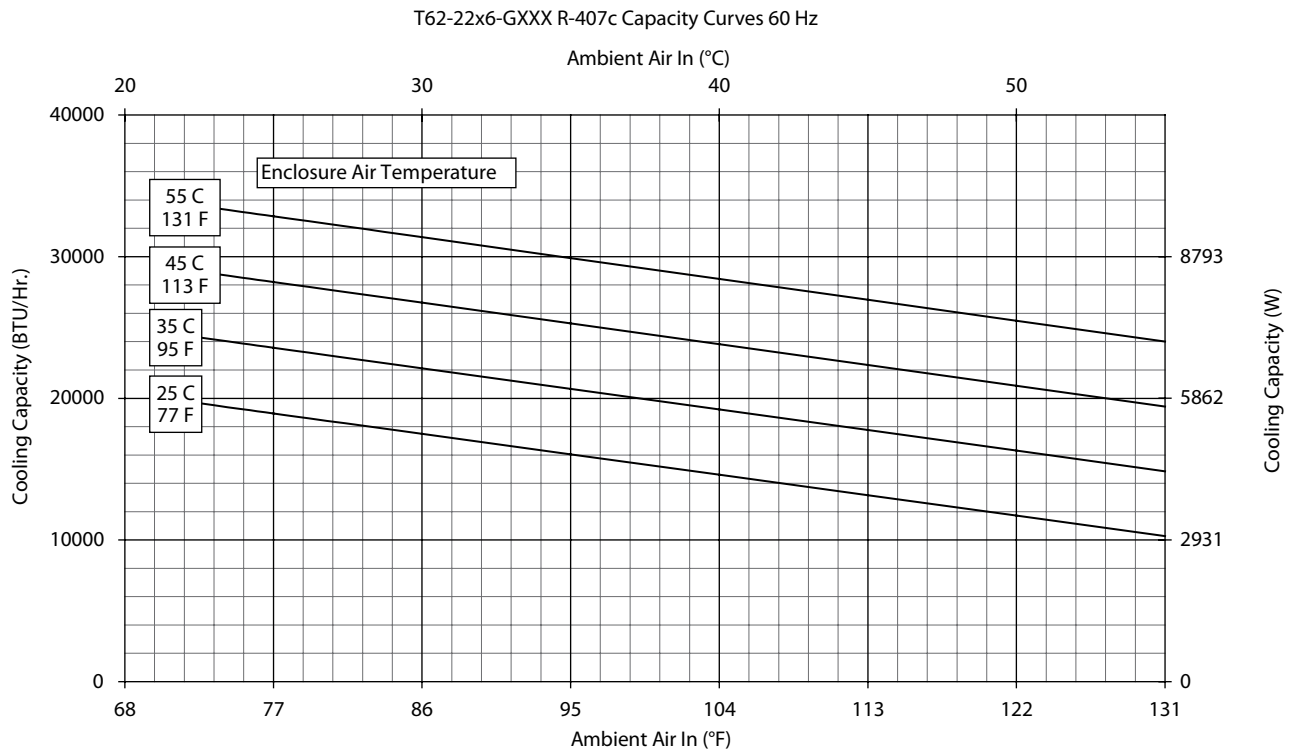
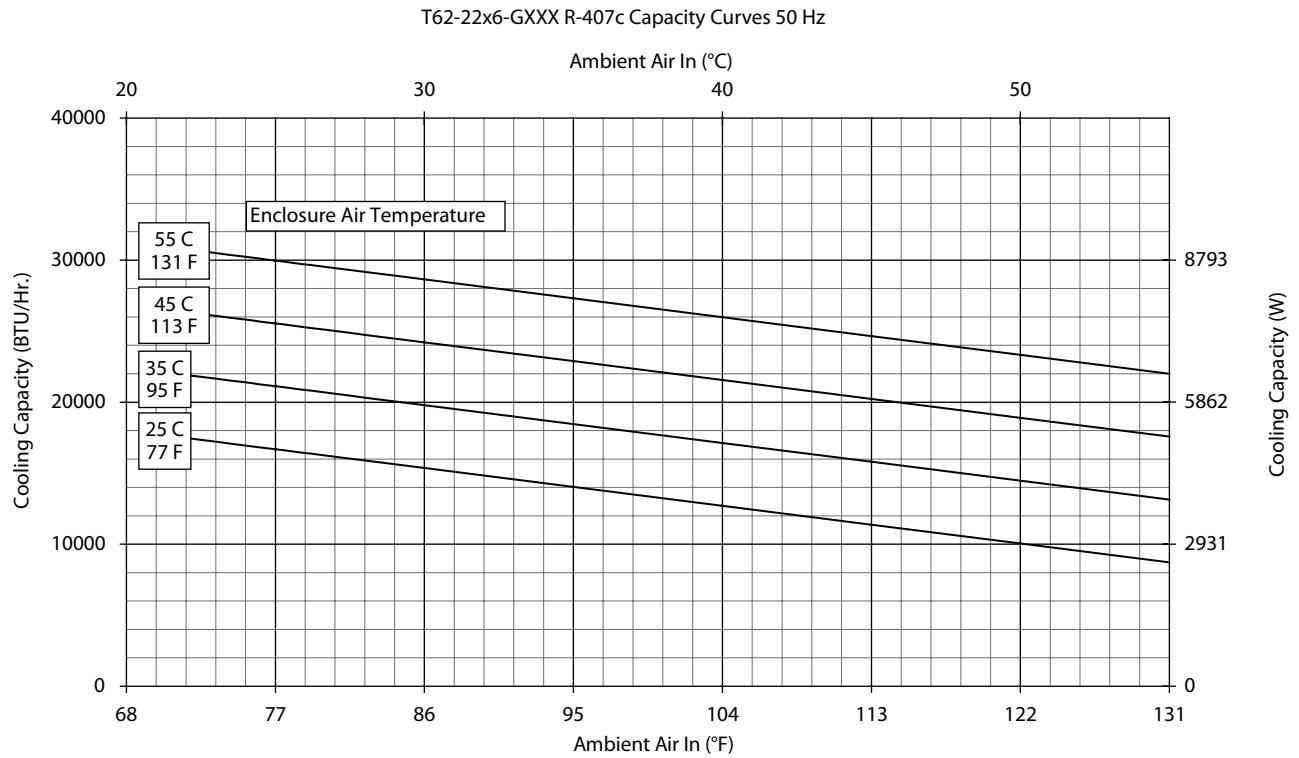
**NOTES**

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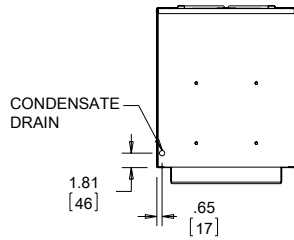
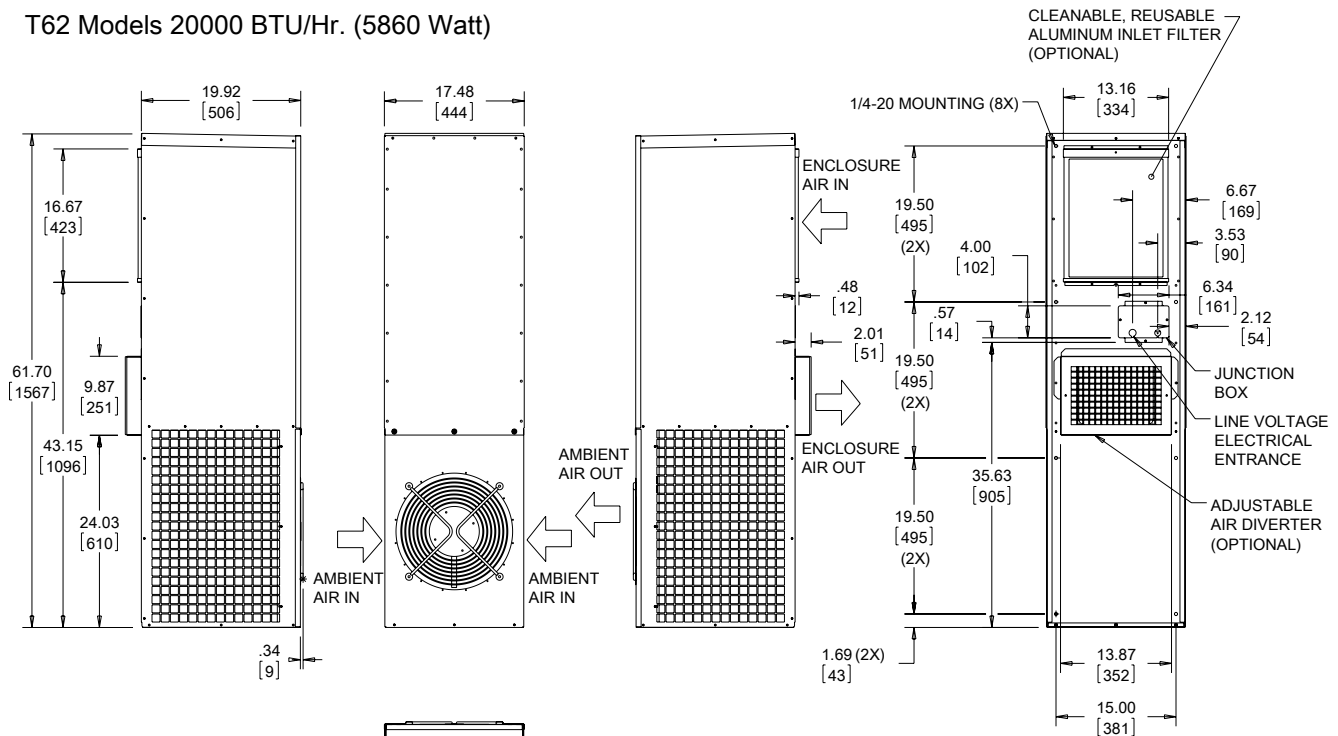
Performance Data **T62 20000 BTU/Hr. (5860 Watt) Models**

CATALOG NUMBER		
	T622226G150	T622246G400
<b>COOLING PERFORMANCE</b>		
<b>Nominal:</b>		
<b>BTU/Hr.</b>	<b>20500/23500</b>	<b>20500/23500</b>
<b>Watts</b>	<b>6007/6886</b>	<b>6007/6886</b>
At 131 F/131 F (55 C/55 C):		
BTU/Hr. (50/60 Hz)	20860/23927	20860/23927
W (50/60 Hz)	6113/7012	6113/7012
At 95 F/95 F (35 C/35 C):		
BTU/Hr. (50 /60 Hz)	18258/20256	18258/20256
W (50/60 Hz)	5351/5936	5351/5936
Refrigerant	R-407C	
Refrigerant Charge (ounces/grams)	42/1300	42/1300
Operating Temperature Range:		
Maximum (°F/°C)	131/55	131/55
Minimum (°F/°C)	-40/-40	-40/-40
Airflow at 0 Static Pressure:		
Internal loop 50 Hz (CFM / m <sup>3</sup> /hr.)	570/968	570/968
External loop 50 Hz (CFM / m <sup>3</sup> /hr.)	1443/2452	1443/2452
Internal loop 60 Hz (CFM / m <sup>3</sup> /hr.)	673/1143	673/1143
External loop 60 Hz (CFM / m <sup>3</sup> /hr.)	1797/3053	1797/3053
Max. Heater W (Outdoor Models)	2000	Up to 3000 (Optional)
<b>ELECTRICAL DATA</b>		
<b>Rated Voltage</b>	<b>230</b>	<b>460V 1PH</b>
Frequency (Hz)	50/60	50/60
Operating Range	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	4370/5060	7000/9200
Max. Nominal Current (A at 50/60 Hz)	19/22	10.5/12
Starting Current (A)	60	30
Agency Approvals	cUL Listed CE GOST	cUR Recognized CE GOST
Power Input Description	Terminal block	Terminal block
<b>ENCLOSURE PROTECTION</b>		
UL Type	Type 12, 3R, 4 standard Type 4X Stainless steel optional	
<b>CONTROLLER</b>		
Description	Basic mechanical thermostat	
Thermostat Location	Enclosure side on all base models	
Factory Thermostat Setting (°F/°C)	80/27	
<b>SOUND LEVEL</b>		
At 1.5 Meters	71 dB(A)	
<b>UNIT CONSTRUCTION</b>		
Material	Galvanized sheet metal standard Stainless steel optional	
Finish	RAL 7035 light-gray, semi-textured powder-coat paint standard	
<b>UNIT DIMENSIONS</b>		
Height (in./mm)	61.77/1568.96	61.77/1568.96
Width (in./mm)	19.91/505.71	19.91/505.71
Depth (in./mm)	17.36/440.94	17.36/440.94
Weight (lb./kg)	218/99.1	258/117

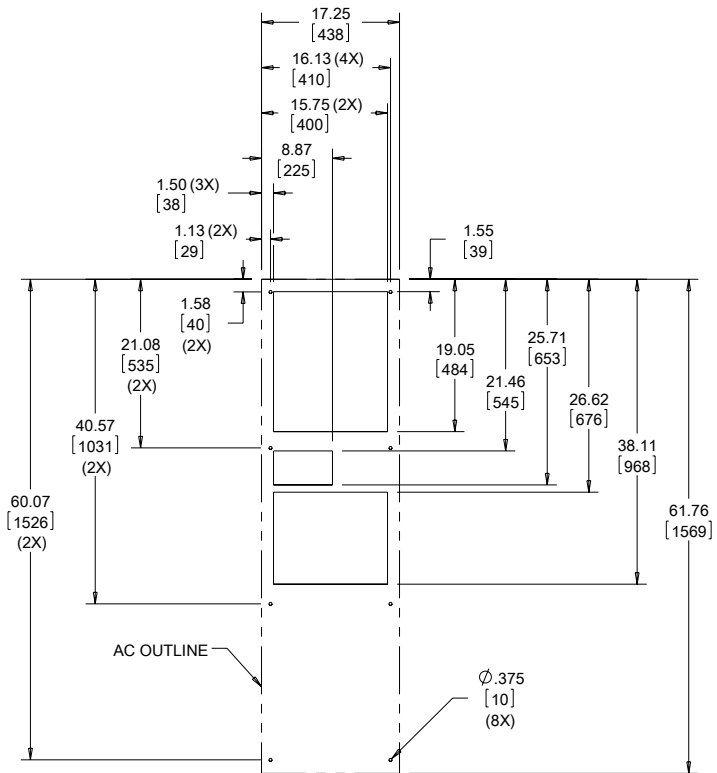
## Performance Curves for T62 Models 20000 BTU/Hr. (5860 Watt)



T62 Models 20000 BTU/Hr. (5860 Watt)



NOTE:  
 1. MOUNTING GASKET SUPPLIED (NOT SHOWN).  
 2. UNITS: in. [mm]



Cutout Dimensions

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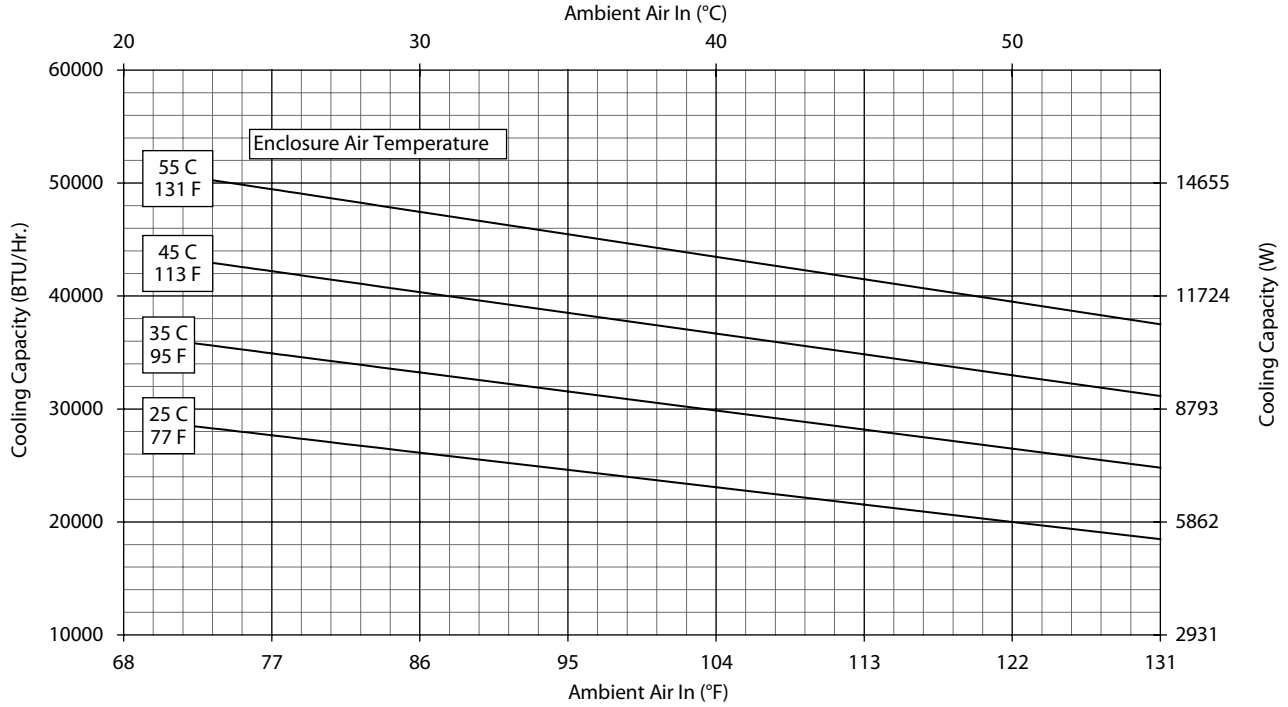
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**Performance Data T70-36 36000 BTU/Hr. (10548 Watt) Models**

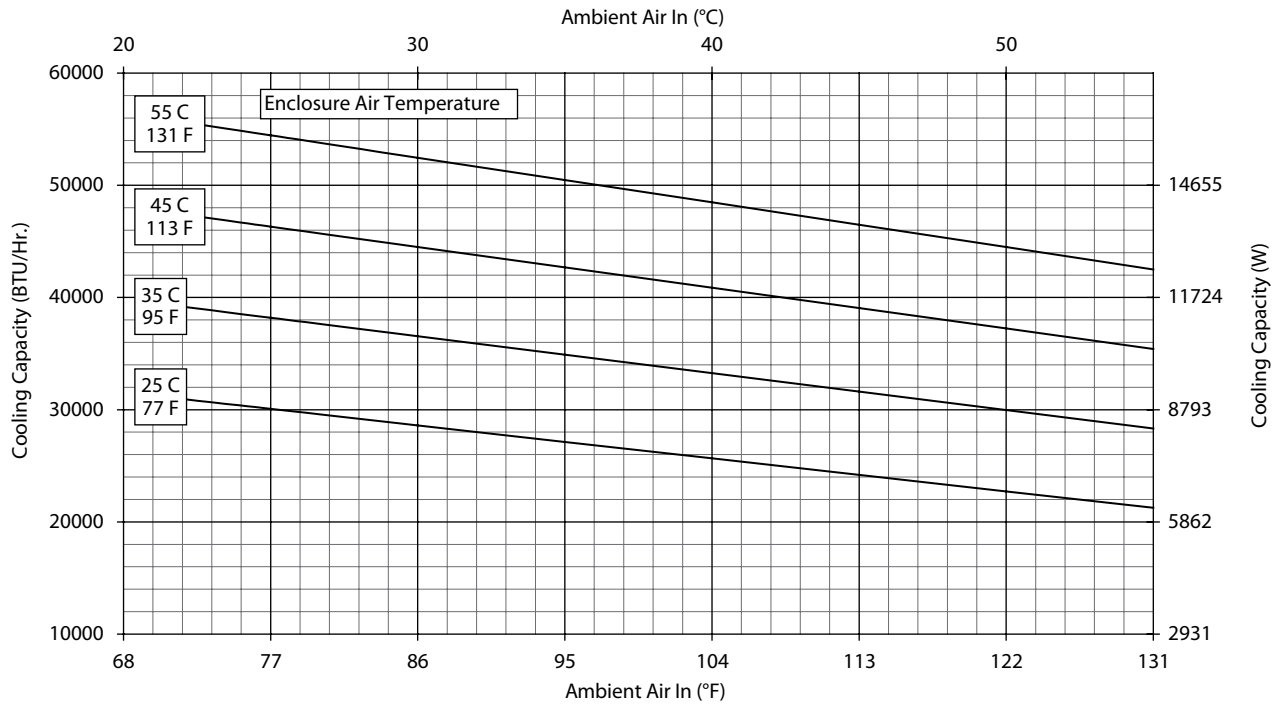
CATALOG NUMBER		T703626G150	T703646G400
<b>COOLING PERFORMANCE</b>			
<b>Nominal:</b>			
<b>BTU/Hr.</b>		<b>39000/43000</b>	
<b>Watts</b>		<b>11430/12602</b>	
At 131 F/131 F (55 C/55 C):			
BTU/Hr. (50/60 Hz)		38613/42930	
W (50/60 Hz)		11316/12570	
At 95 F/95 F (35 C/35 C):			
BTU/Hr. (50 /60 Hz)		31364/36130	
W (50/60 Hz)		9192/10579	
Refrigerant		R-407C	
Refrigerant Charge (ounces/grams)		110/3118	
Operating Temperature Range:			
Maximum [°F/°C]		131/55	
Minimum [°F/°C]Minimum [°F/°C]		-40/-40	
Airflow at 0 Static Pressure:			
Internal loop 50 Hz (CFM / m <sup>3</sup> /hr.)		1085/1843	
External loop 50 Hz (CFM / m <sup>3</sup> /hr.)		2176/3697	
Internal loop 60 Hz (CFM / m <sup>3</sup> /hr.)		1171/1989	
External loop 60 Hz (CFM / m <sup>3</sup> /hr.)		2347/3987	
Max. Heater W (Outdoor Models)		2000 Standard (5000 Optional)	
<b>ELECTRICAL DATA</b>			
<b>Rated Voltage</b>	<b>230</b>		<b>460</b>
Frequency (Hz)	50/60		60
Operating Range	+/- 10%		+/- 10%
Max. Power Consumption (W at 50/60 Hz)	8280		8280
Max. Nominal Current (A at 50/60 Hz)	36		18
Starting Current (A)	104		52
Agency Approvals		cUL Listed CE GOST Others available upon request	
Power Input Description		Terminal block	
<b>ENCLOSURE PROTECTION</b>			
UL Type		Type 12, 3R, 4 standard Type 4X Stainless steel optional UL/cUL Listed	
International Rating		UL/cUL Listed	
<b>CONTROLLER</b>			
Description		Basic mechanical thermostat	
Thermostat Location		Enclosure side on all base models	
Factory Thermostat Setting (°F/°C)		80/27	
<b>SOUND LEVEL</b>			
At 1.5 Meters		66 dB(A)	
<b>UNIT CONSTRUCTION</b>			
Material		Galvanized sheet metal standard Stainless steel optional	
Finish		RAL 7035 light-gray, semi-textured powder-coat paint standard	
<b>UNIT DIMENSIONS</b>			
Height (in./mm)		69.8/1772	
Width (in./mm)		22.8/578	
Depth (in./mm)		20.94/532	
Weight (lb./kg)		260/118	

Performance Curves for T70 Models 36000 BTU/Hr. (10548 Watt)

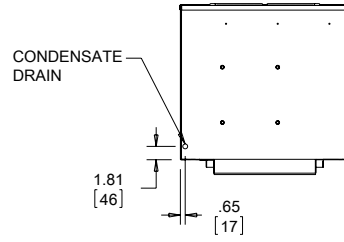
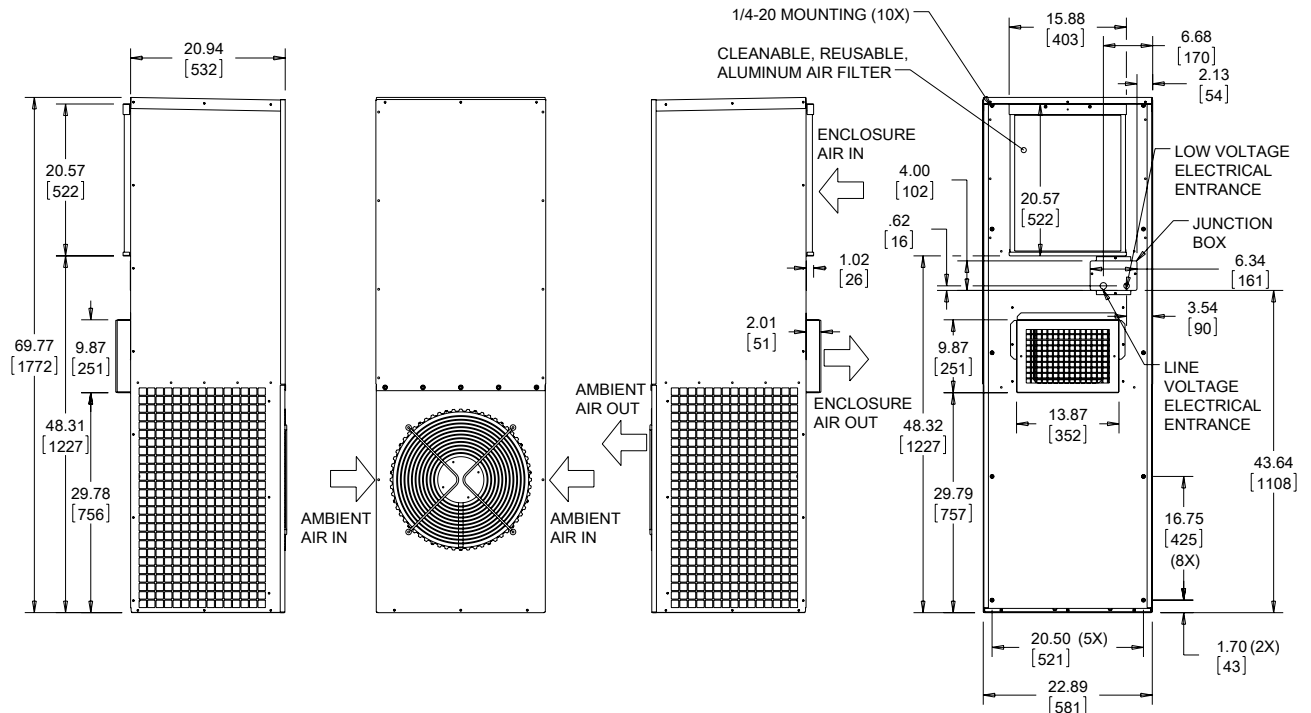
T70-36X6-GXXX R-407c Capacity Curves 50 Hz



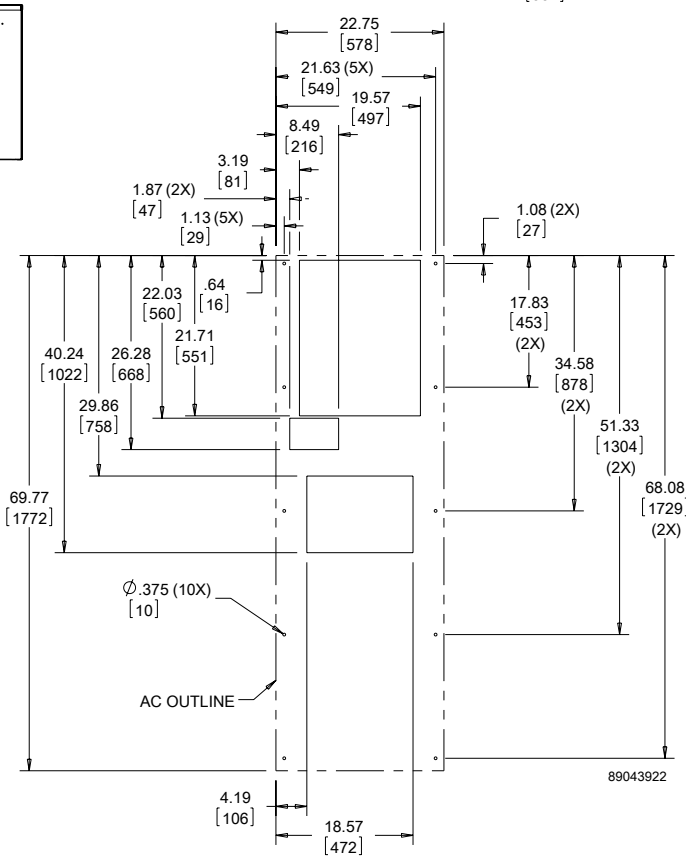
T70-36X6-GXXX R-407c Capacity Curves 60 Hz



T70 Models 36000 BTU/Hr. (10548 Watt)



NOTE:  
 1. MOUNTING GASKET SUPPLIED (NOT SHOWN).  
 2. UNITS: in. [mm]



Cutout Dimensions

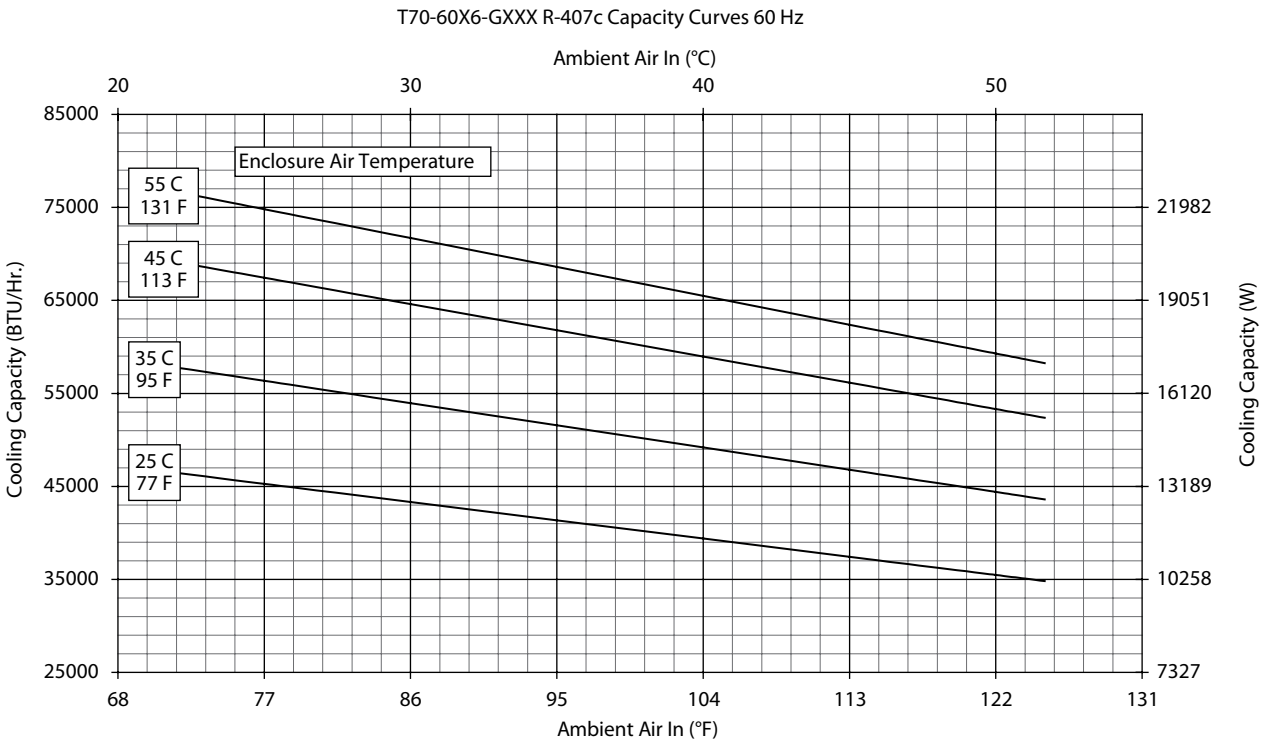
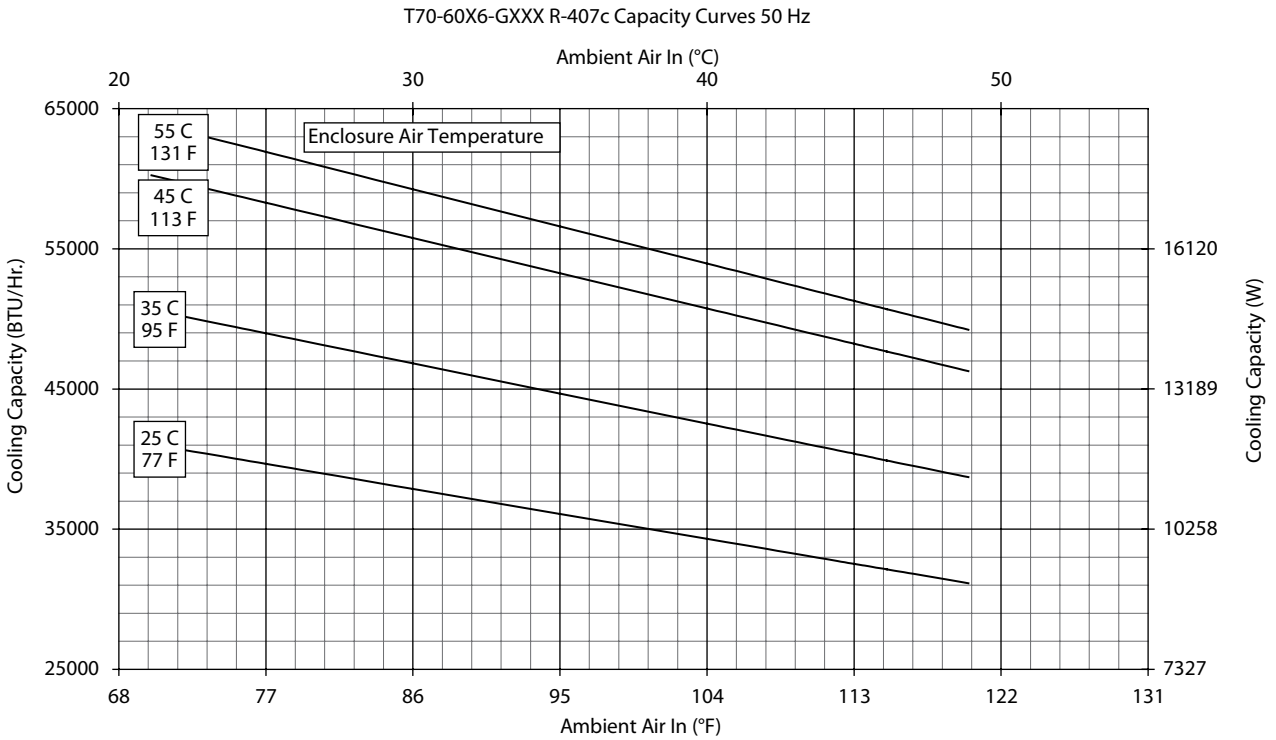
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Performance Data **T70-60 59000 BTU/Hr. (17287 Watt) Models**

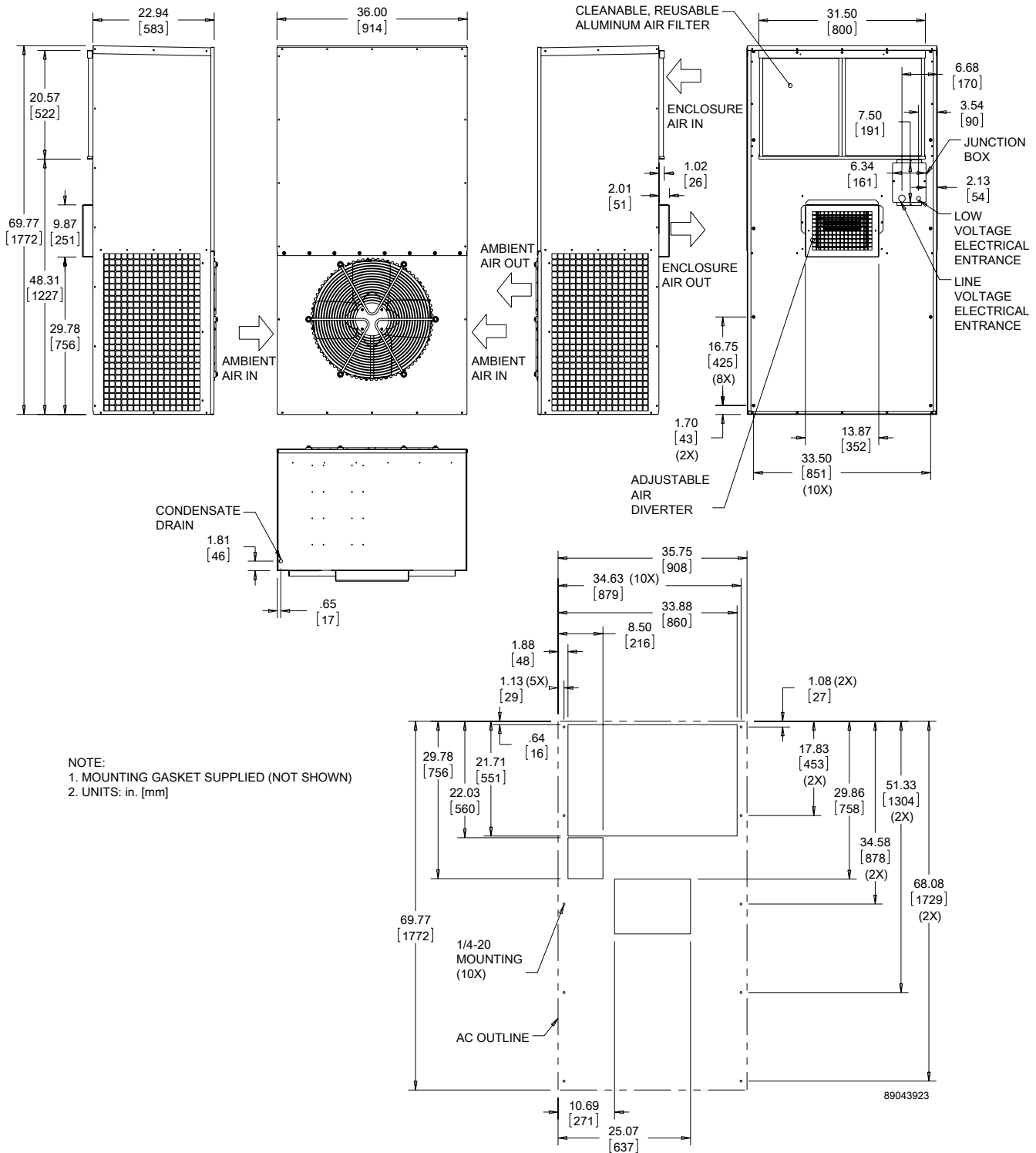
CATALOG NUMBER		
	T706026G150	T706046G400
<b>COOLING PERFORMANCE</b>		
<b>Nominal:</b>		
<b>BTU/Hr.</b>	<b>51900/60000</b>	
<b>Watts</b>	<b>15210/17584</b>	
At 122 F/122 F (50 C/50 C):		
BTU/Hr. (50/60 Hz)	51900/60000	
W (50/60 Hz)	15210/17584	
At 95 F/95 F (35 C/35 C):		
BTU/Hr. (50 /60 Hz)	47122/54500	
W (50/60 Hz)	13810/15972	
Refrigerant	R-407C	
Refrigerant Charge (ounces/grams)	150/4252	
Operating Temperature Range:		
Maximum (°F/°C)	122/50	
Minimum (°F/°C)	-40/-40	
Airflow at 0 Static Pressure:		
Internal loop 50 Hz (CFM / m <sup>3</sup> /hr.)	1510/2565	
External loop 50 Hz (CFM / m <sup>3</sup> /hr.)	2716/4614	
Internal loop 60 Hz (CFM / m <sup>3</sup> /hr.)	1629/2767	
External loop 60 Hz (CFM / m <sup>3</sup> /hr.)	2931/4979	
Max. Heater W (Outdoor Models)		
<b>ELECTRICAL DATA</b>		
<b>Rated Voltage</b>	<b>200/230</b>	<b>420/460</b>
Frequency (Hz)	50/60	50/60
Operating Range	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	7000/9200	6426/7038
Max. Nominal Current (A at 50/60 Hz)	35/40	15.3
Starting Current (A)	144	144
Agency Approvals	cUL Listed CE GOST Others available upon request	
Power Input Description	Terminal block	
<b>ENCLOSURE PROTECTION</b>		
UL Type	Type 12, 3R, 4 standard Type 4X Stainless steel optional	
International Rating	IP56 on the internal loop; IP34 on the external loop	
Description	Basic mechanical thermostat	
<b>CONTROLLER</b>		
Thermostat Location	Enclosure side on all base models	
Factory Thermostat Setting (°F/°C)	80/27	
<b>SOUND LEVEL</b>		
At 1.5 Meters	66 dB(A)	
<b>UNIT CONSTRUCTION</b>		
Material	Galvanized sheet metal standard Stainless steel optional	
Finish	RAL 7035 light-gray, semi-textured powder-coat paint standard	
<b>UNIT DIMENSIONS</b>		
Height (in./mm)	69.77/1772	
Width (in./mm)	35.86/911	
Depth (in./mm)	22.94/583	
Weight (lb./kg)	419/190.5	



## Performance Curves for T70 Models 59000 BTU/Hr. (17287 Watt)



T70 Models 59000 BTU/Hr. (17287 Watt)



Cutout Dimensions

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