T-SERIES LARGE CAPACITY OUTDOOR

T62
20000 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

CE
EAC
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

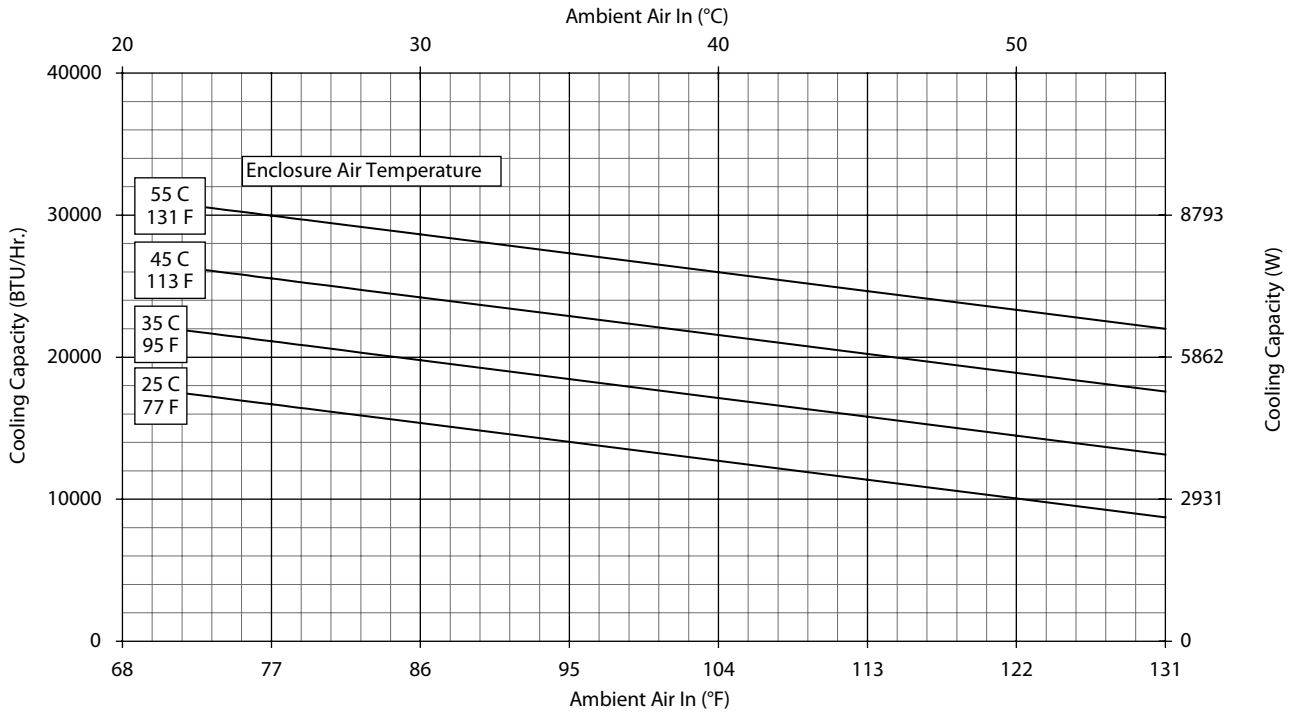
* PROAIR A/C may be more appropriate. Refer to PROAIR A/C Chapter. Consult the Factory for availability and catalog number.

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

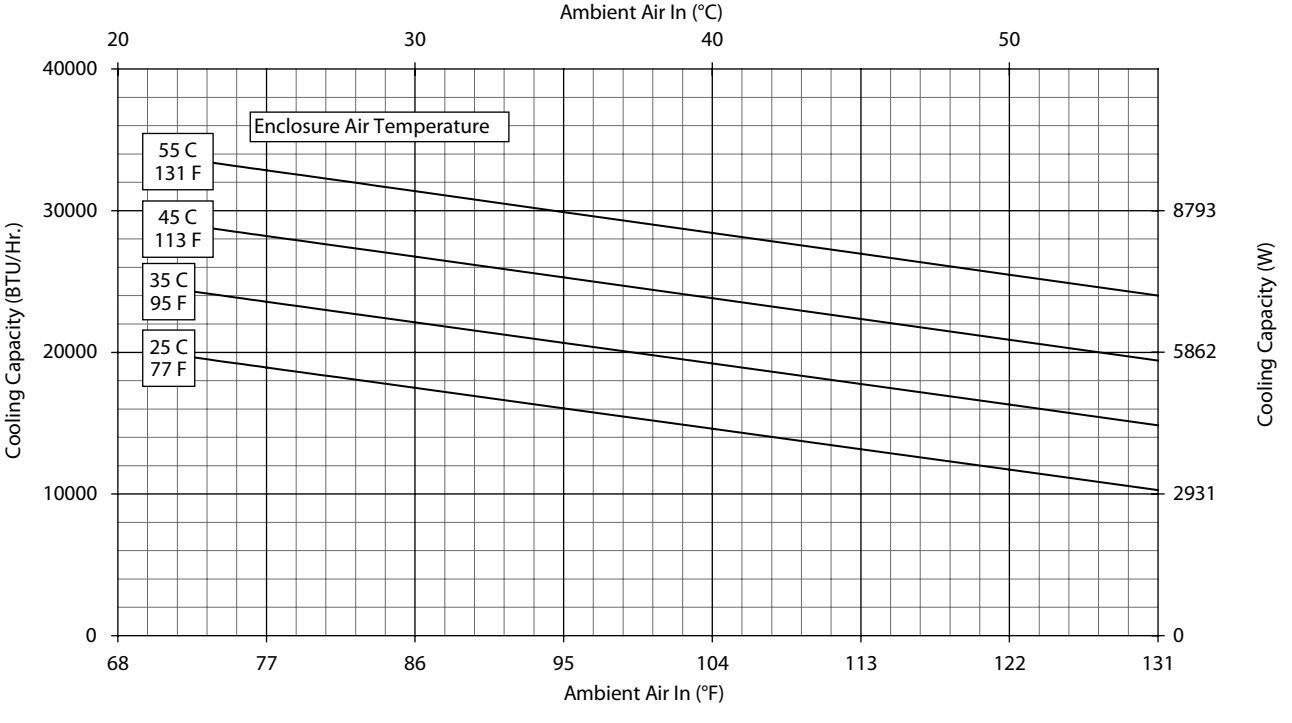
CATALOG NUMBER		
Outdoor Model with Heat Pkg.	T622226G150	T622246G400
Outdoor Model/SST/Corrosion/4X	T622226G102	—
Outdoor Model/SST/Corrosion/4X/Heater	T622226G151	—
COOLING PERFORMANCE		
Nominal:		
BTU/Hr.	**20500/23500**	**20500/23500**
Watts	**6007/6886**	**6007/6886**
At 131 F/131 F (55 C/55 C):		
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^3/hr.)	570/968	570/968
External loop 50 Hz (CFM / m^3/hr.)	1443/2452	1443/2452
Internal loop 60 Hz (CFM / m^3/hr.)	673/1143	673/1143
External loop 60 Hz (CFM / m^3/hr.)	1797/3053	1797/3053
Max. Heater W (Outdoor Models)	2000	Up to 3000 (Optional)
ELECTRICAL DATA		
Rated Voltage	**230**	**460V 1PH**
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
Min. Circuit Ampacity (A)	25.2	12.6
Max. Overcurrent Protection (A)	35	20
Starting Current (A)	60	30
Agency Approvals	UL/cUL Listed CE EAC	UL/cUL Listed CE EAC
Power Input Description	Terminal block	Terminal block
ENCLOSURE PROTECTION		
UL Type	Type 12, 3R, 4 standard Type 4X Stainless steel optional	
CONTROLLER		
Description	Basic mechanical thermostat	
Thermostat Location	Enclosure ide on all base models	
Factory Thermostat Setting (°F/°C)	80/27	
SOUND LEVEL		
At 1.5 Meters	71 dB(A)	
UNIT CONSTRUCTION		
Material	Galvanized sheet metal standard Stainless steel optional	
Finish	RAL 7035 light-gray, semi-textured powder-coat paint standard	
UNIT DIMENSIONS		
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)

T62-22x6-GXXX R-407c Capacity Curves 50 Hz



T62-22x6-GXXX R-407c Capacity Curves 60 Hz



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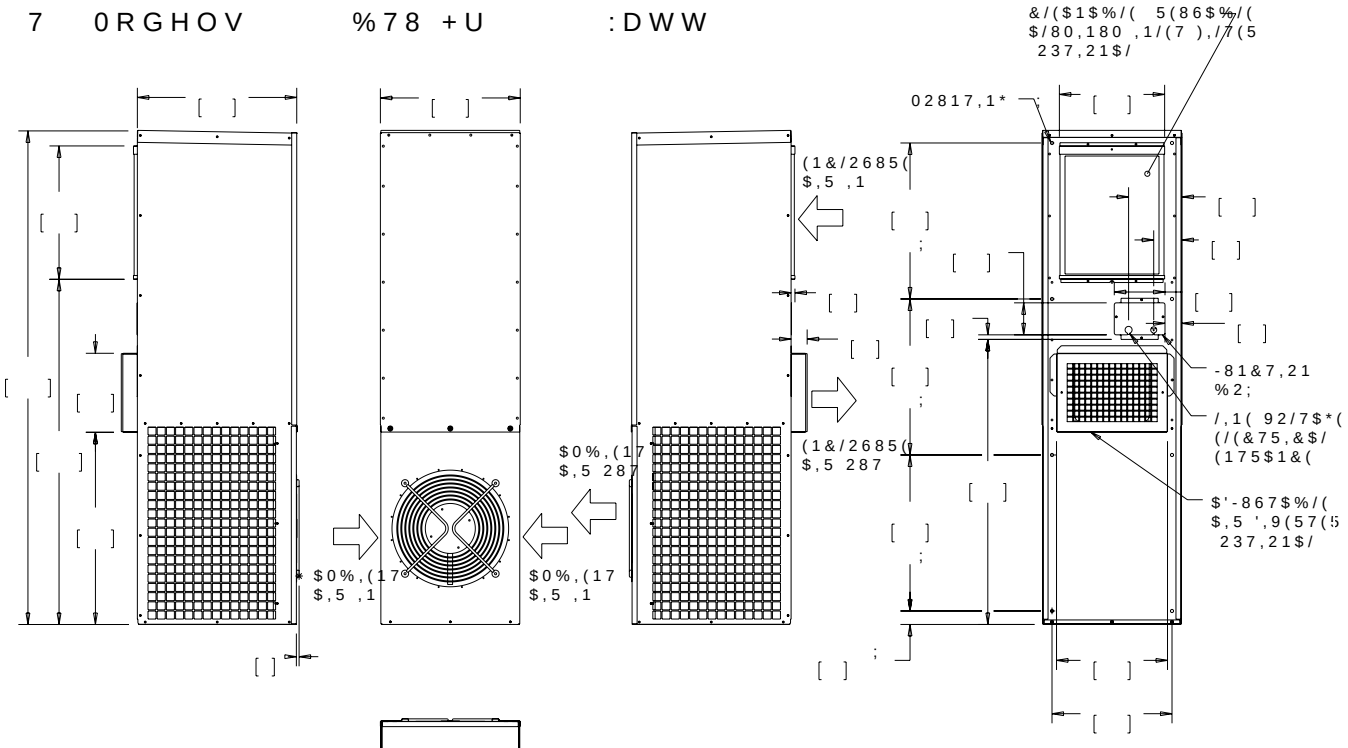

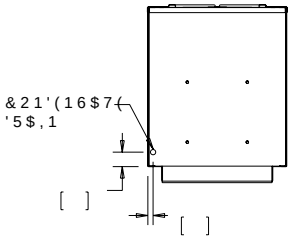

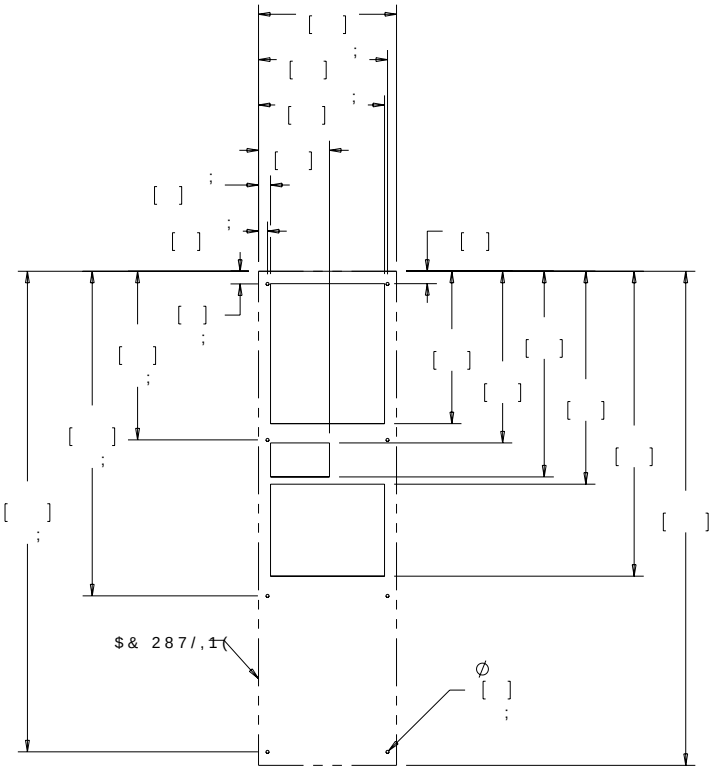

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