T-Series Compact Outdoor Sealed Enclosure Cooling

T15
800 BTU/Hr
234 Watts

T20
2000 BTU/Hr
586 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
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
- R134A and R513A earth-friendly refrigerant
- Models for 115, 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 spec sheet. Consult the Factory for availability and catalog number.

Please note that some features have been added or removed. For a comprehensive list of features, please reach out to your DDB sales representative.

PERFORMANCE DATA T20 2000 BTU/HR (586 WATT) MODELS

Catalog Number

Outdoor Model without Heat Pkg.	T200216G100	T200226G100	T200246G400
Outdoor Model with Heat Pkg.	T200216G150	T200226G150	—
Outdoor Model/SST/Corrosion/4X	T200216G155	T200226G103	T200246G401
Outdoor Model/SST/Corrosion/4X/Heater	T200216G157	T200226G158	—

Cooling Performance   ***DDB models included standard 2 year warranty with parts ending in P2YP***

Nominal:			
BTU/Hr (50/60 Hz)	1800/2000	1800/2000	1800/2000
Watts (50/60 Hz)	528/586	528/586	528/586
At 131 F/131 F (55 C/55 C):			
BTU/Hr (50/60 Hz)	2000/2175	2000/2175	2000/2175
W (50/60 Hz)	586/637	586/637	586/637
At 95 F/95 F (35 C/35 C):			
BTU/Hr (50/60 Hz)	1800/1975	1800/1900	1800/1900
W (50/60 Hz)	571/645	571/645	571/645
Refrigerant	R134a or R513A	R134a or R513A	R134a or R513A
Refrigerant Charge (ounces/grams)	6.5/184	6.5/184	6.5/184
Operating Temperature Range:			
Maximum (°F/°C)	131/55	131/55	131/55
Minimum (°F/°C)	−40/−40	−40/−40	−40/−40
Airflow at 0 Static Pressure:			
Internal loop 50 Hz (CFM/m³/hr)	77/131	77/131	77/131
External loop 50 Hz (CFM/m³/hr)	150/255	150/255	150/255
Internal loop 60 Hz (CFM/m³/hr)	91/155	91/155	91/155
External loop 60 Hz (CFM/m³/hr)	165/280	165/280	165/280
Max. Heater W (Outdoor Models)	500	500	500

Electrical Data

Rated Voltage	115	230	460V 1PH
Frequency (Hz)	50/60	50/60	50/60
Operating Range	+/−10%	+/−10%	+/−10%
Max. Power Consumption (Watts at 50/60 Hz)	700/805	805	874
Max. Nominal Current (Amps at 50/60 Hz)	7.0/7.0	3.5/3.5	1.9
Starting Current (Amps)	19	7.6	7.2
Agency Approvals	UL/cUL Listed, CE, EAC Others available upon request		cUR Recognized CE, EAC
Power Input Description	6-ft. cord with NEMA 5-15 plug	6-ft. cord with NEMA 6-15 plug	6-ft. cord with wire leads

Enclosure Protection

UL Type	Type 12, 3R, 4 standard Type 4X Stainless steel optional

Controller

Description	Basic mechanical thermostat
Thermostat Location	Enclosure side on all base models
Factory Thermostat Setting (°F/°C)	80/27

Sound Level

At 1.5 Meters	66 dB(A)

Unit Construction

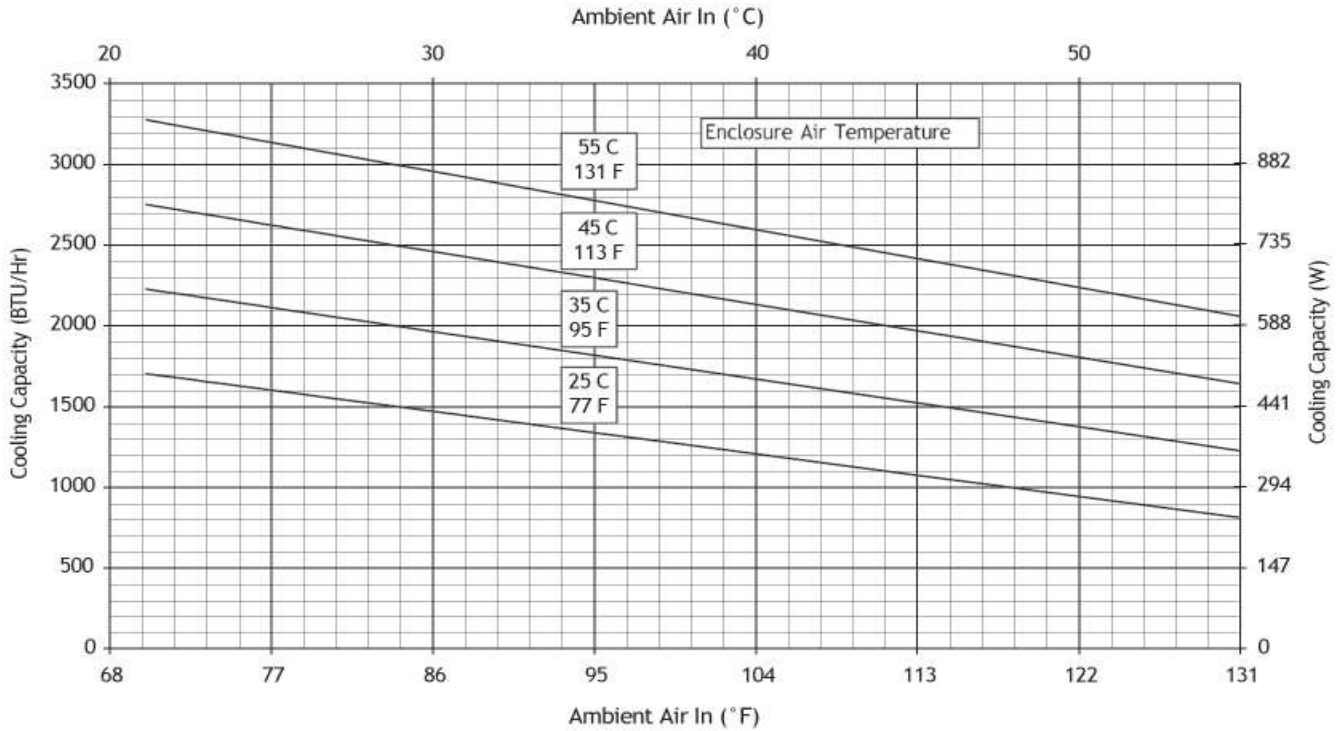|	
Material	Galvanized sheet metal standard Stainless steel optional
Finish	RAL 7035 light-gray, semi-textured powder-coat paint standard

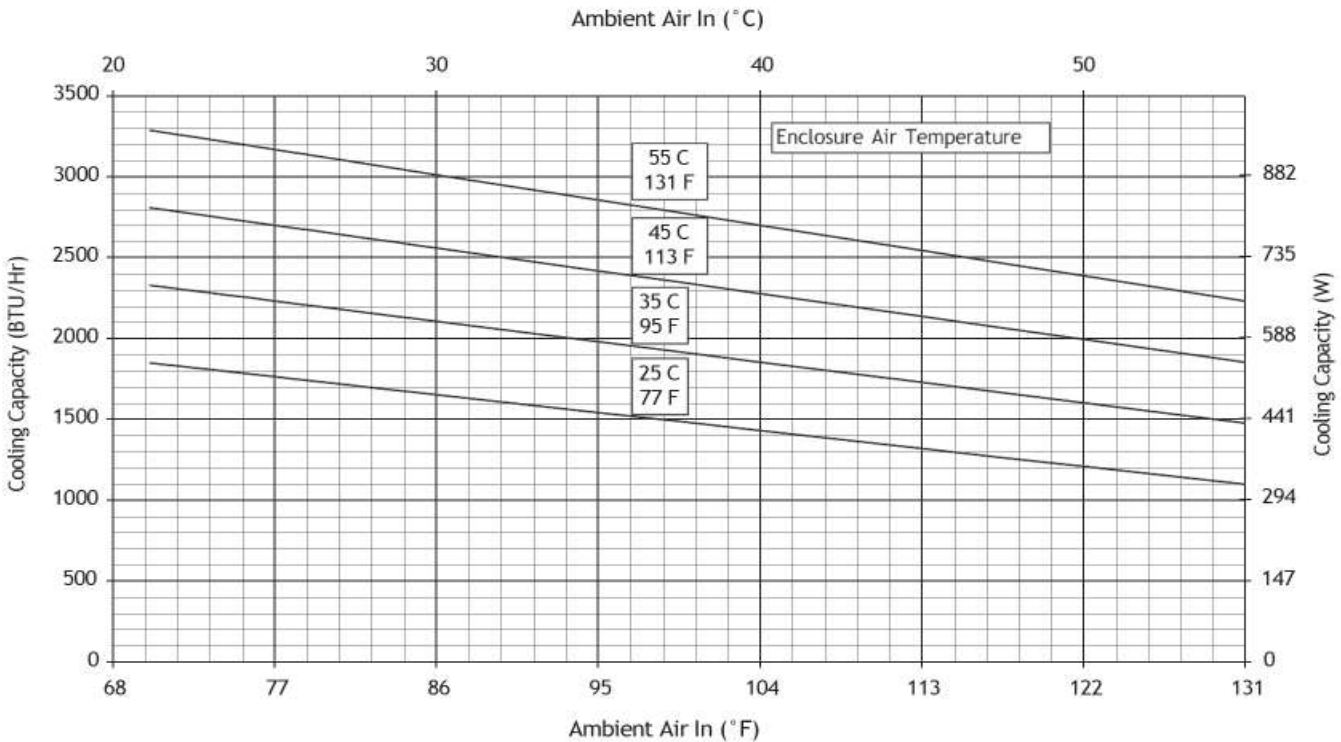### Unit Dimensions

Height (in/mm)	20/508	20/508	24.25/615.95
Width (in/mm)	10/254	10/254	10/254
Depth (in/mm)	9.9/251	9.9/251	9.9/251
Weight (lb/kg)	56/25	56/25	66/30

PERFORMANCE CURVES FOR T20 MODELS 2000 BTU/HR (586 WATT)

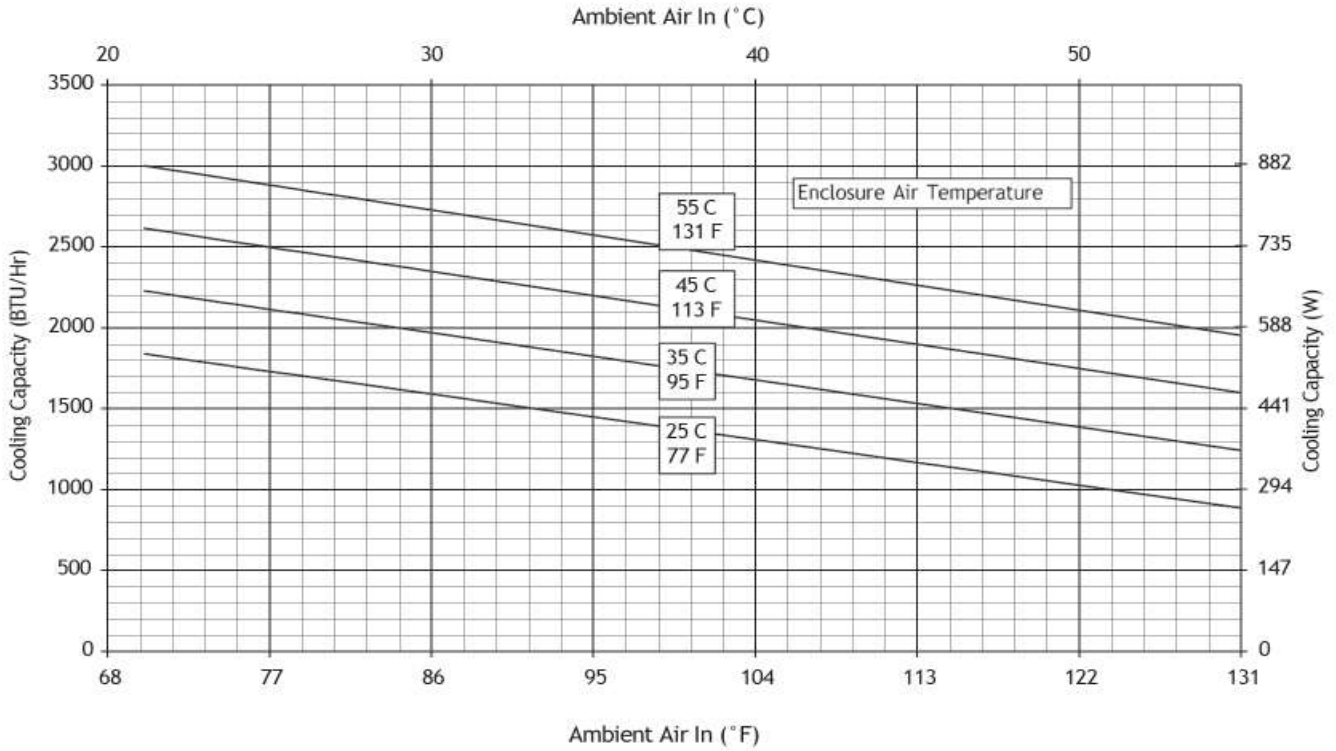### T20021GGxxx Capacity Curves at 50 Hz
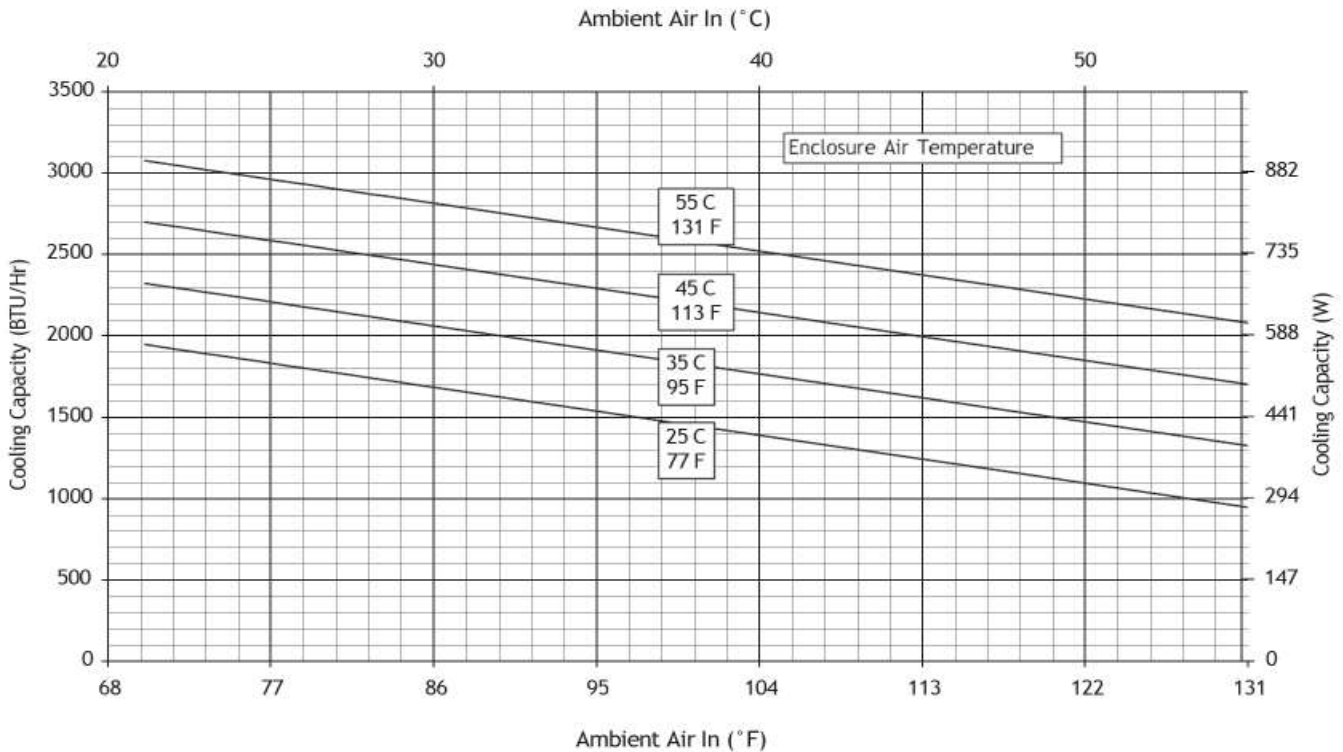

T20021GGxxx Capacity Curves at 60 Hz

PERFORMANCE CURVES FOR T20 MODELS 2000 BTU/HR. (586 WATT)

T200226Gxxx Capacity Curves at 50 Hz

T200226Gxxx Capacity Curves at 60 Hz

T20 2000 BTU/HR (586 WATT)

MOUNTING HARDWARE FOR FULLY RECESSED
MOUNTING IS BEHIND REMOVABLE FRONT COVER.
CLEANABLE, REUSABLE ALUMINUM INLET FILTER
SLIDES OUT SLOT IN BOTTOM OF FRONT COVER.

1/4-20 MOUNTING HOLES (12X)
(6 ON BACK FACE,
6 BEHIND FRONT COVER)

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

Cutout Dimensions
(Externally Mounted)

Cutout Dimensions
(Internally Mounted)

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