

T-SERIES MID-SIZE OUTDOOR



T29
4000 BTU/Hr.
1173 Watts



T43
6000, 8000, 10000 BTU/Hr.
1758, 2344, 2930 Watts



T50
12000 BTU/Hr.
3516 Watts



T53
19000 BTU/Hr.
5567 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 or R-407C 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 Harsh Environment air conditioner may be more appropriate. Refer to PROAIR Harsh Environment air conditioner catalog section. Consult the Factory for availability and catalog number.

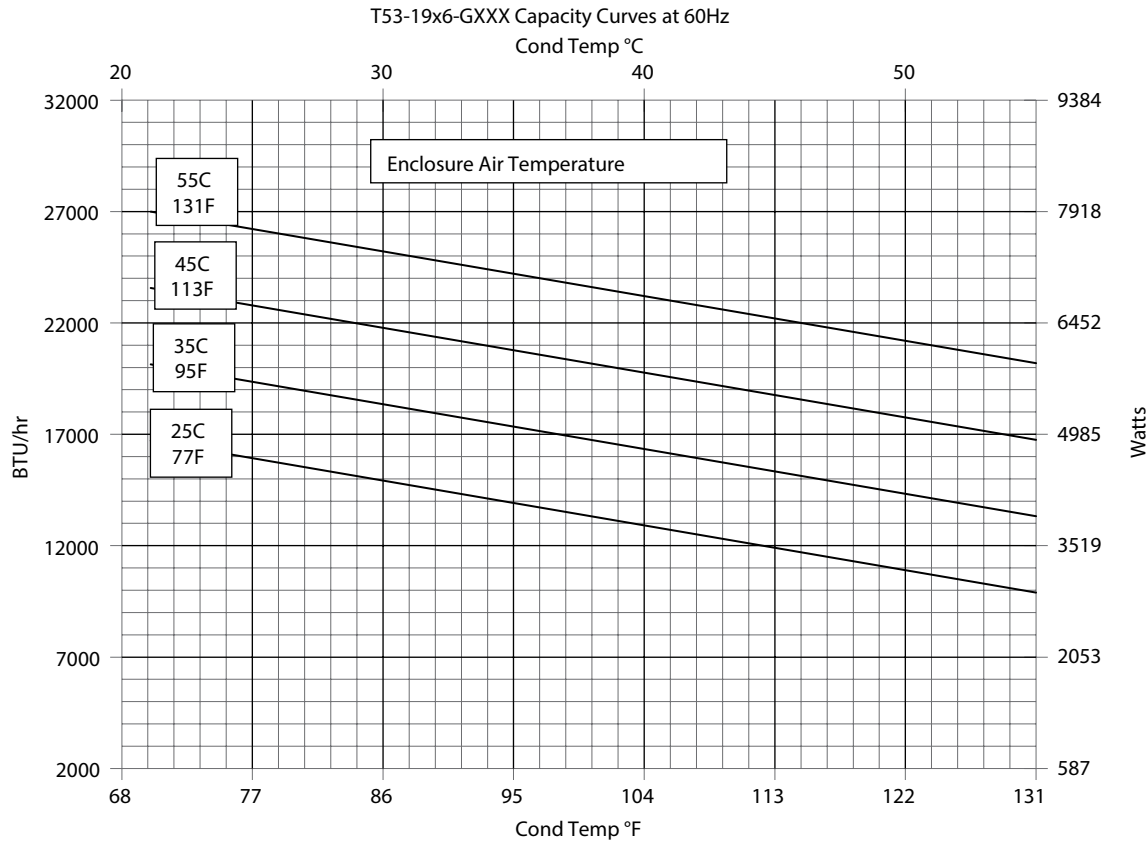
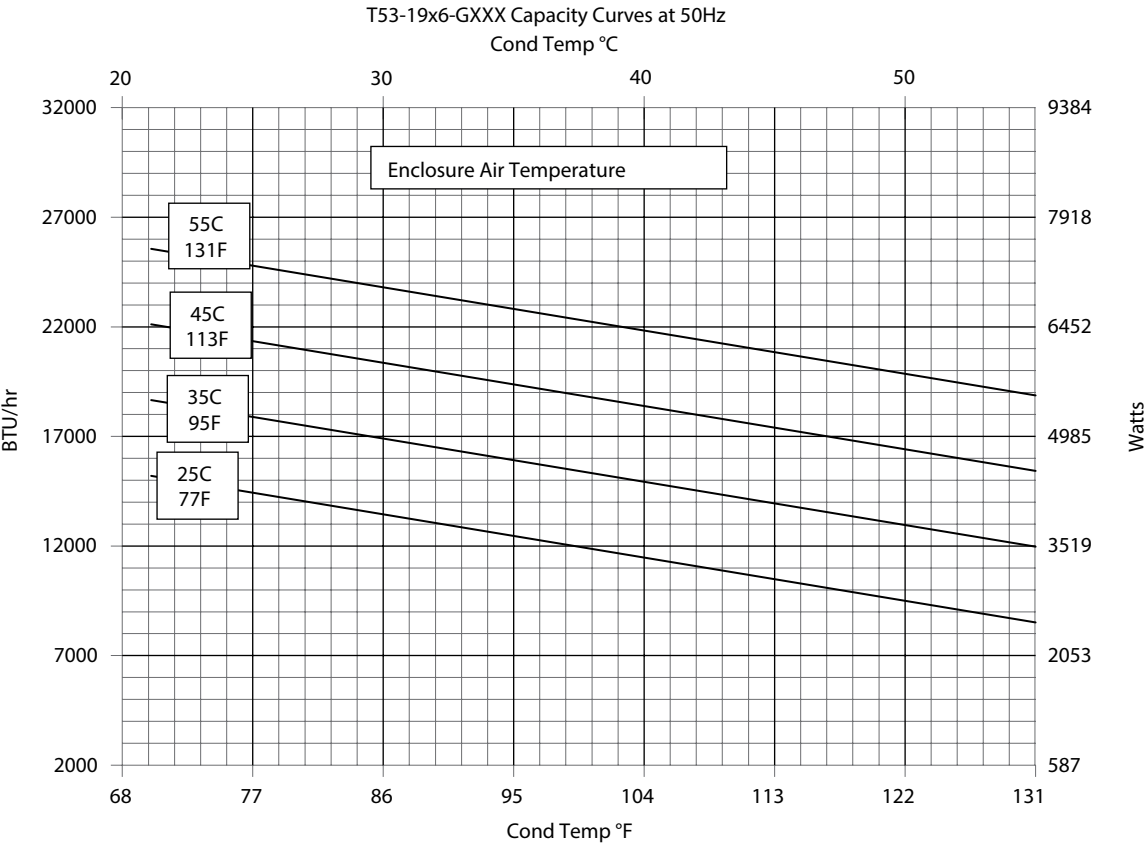
NOTES

Visit nVent.com/HOFFMAN to download 2D and 3D CAD drawings into the overall design of your electrical system.

Performance Data **T53 19000 BTU/Hr. (5567 Watt) Models**


CATALOG NUMBER		
Outdoor Model without Heat Pkg.	T531926G100	T531946G400
Outdoor Model with Heat Pkg.	T531926G150	—
Outdoor Model/SST/Corrosion/4X	T531926G109	—
Outdoor Model/SST/Corrosion/4X/Heater	T531926G151	—
COOLING PERFORMANCE		
Nominal:		
BTU/Hr.	18400/20400	18400/20400
Watts	5392/5978	5392/5978
At 131 F/131 F (55 C/55 C):		
BTU/Hr. (50/60 Hz)	18488/20431	18488/20431
W (50/60 Hz)	5418/5987	5418/5987
At 95 F/95 F (35 C/35 C):		
BTU/Hr. (50 /60 Hz)	15833/18087	15833/18087
W (50/60 Hz)	4640/5300	4640/5300
Refrigerant	407C	407C
Refrigerant Charge (ounces/grams)	42/1191	42/1191
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 / m³/hr.)	449/763	449/763
External loop 50 Hz (CFM / m³/hr.)	1204/2046	1204/2046
Internal loop 60 Hz (CFM / m³/hr.)	519/882	519/882
External loop 60 Hz (CFM / m³/hr.)	1300/2209	1300/2209
Max. Heater W (Outdoor Models)	3000	
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)	3105/3703	3404/4094
Max. Nominal Current (A at 50/60 Hz)	13.5/16.1	7.4/8.9
Starting Current (A)	54	28
Agency Approvals	UL/cUL Listed CE EAC	cUR Recognized CE EAC
Power Input Description	Terminal block	
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	76 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)	53.0/1346.2	
Width (in./mm)	21.0/533.4	
Depth (in./mm)	13.0/330.2	
Weight (lb./kg)	197/90	237/108

Performance Curves for T53 Models 19000 BTU/Hr. (5567 Watt)





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