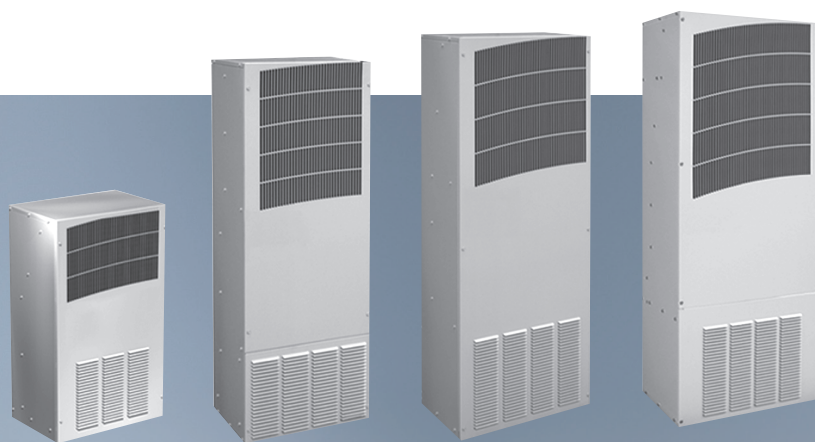




Electromechanical components

OUTDOOR AIR CONDITIONERS FOR SWITCH CABINETS

T-SERIES



[REDEFINING STANDARD]

[T-SERIES COMPACT OUTDOOR]



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

SCOPE OF DELIVERY

- Air conditioner unit
- Mounting gasket and hardware kit
- Cutout template
- Installation instruction

FEATURES

- Stock models equipped with head pressure control for low-ambient operation, compressor heater, coated condenser coil, malfunction switch, thermostat and heater package
- Outdoor model operating temperature range from -40 °F/-40 °C to 131 °F/55 °C
- Exterior and fully recessed mounting options
- 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
- Every unit functionally tested before shipping

SPECIFICATIONS

- Models for 115, 230 and 460 VAC power input
- Standard Outdoor Air Conditioner models also include:
 - Telcordia GR-487 capable
 - Thermostat
 - Corrosion-resistant components
 - Malfunction switch
 - Compressor heater
 - Head pressure control
 - Enclosure heater

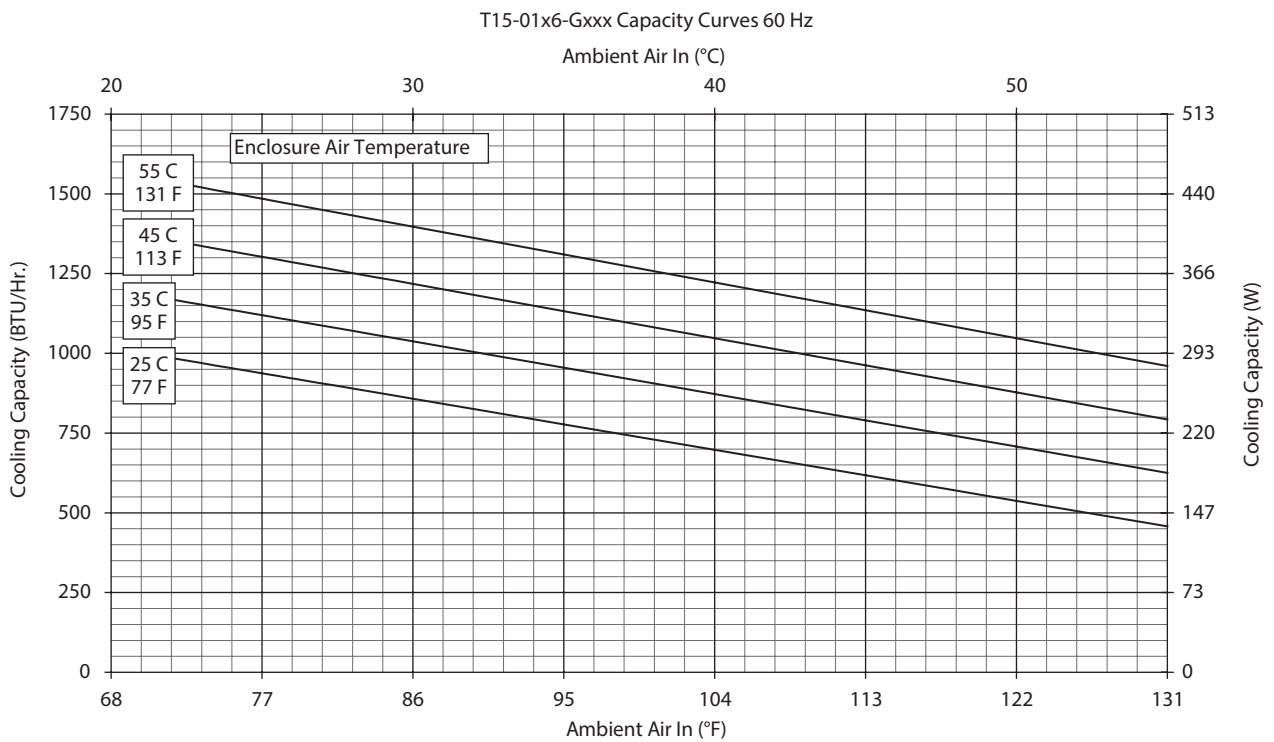
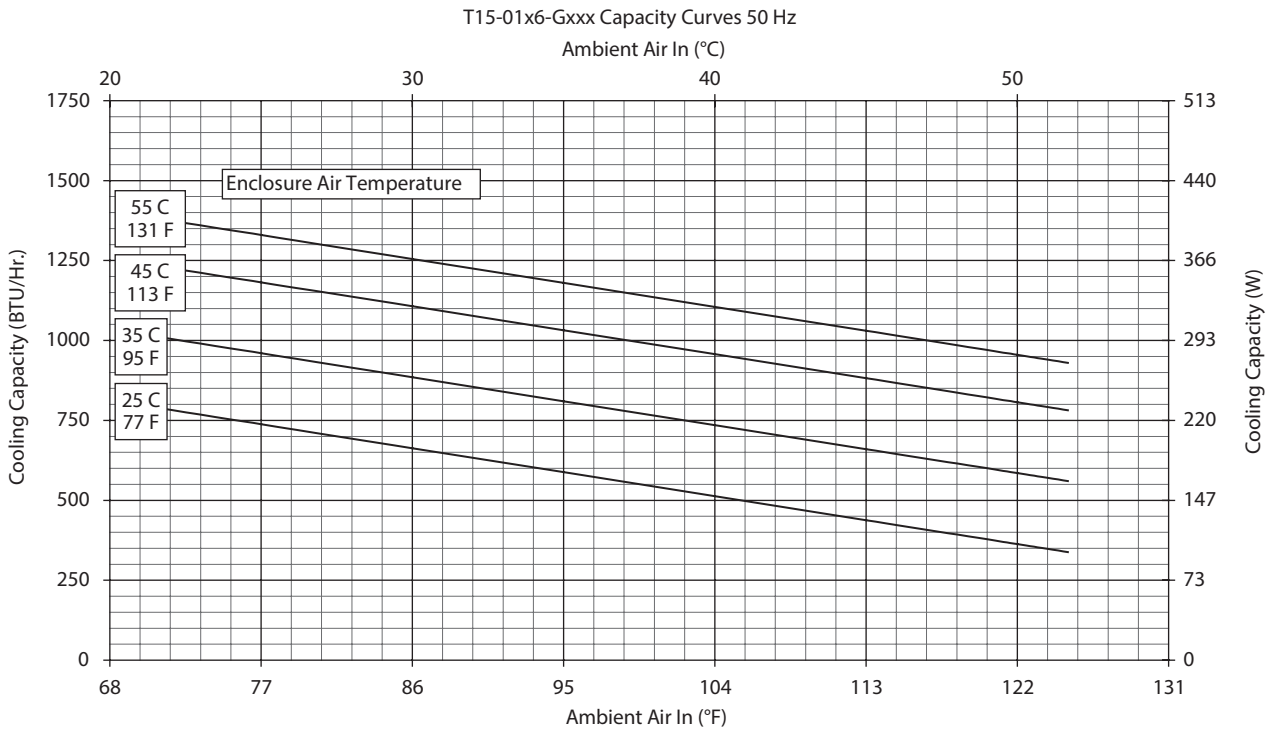
FINISH

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

PERFORMANCE DATA T15 800 BTU/HR. (234 WATT) MODELS

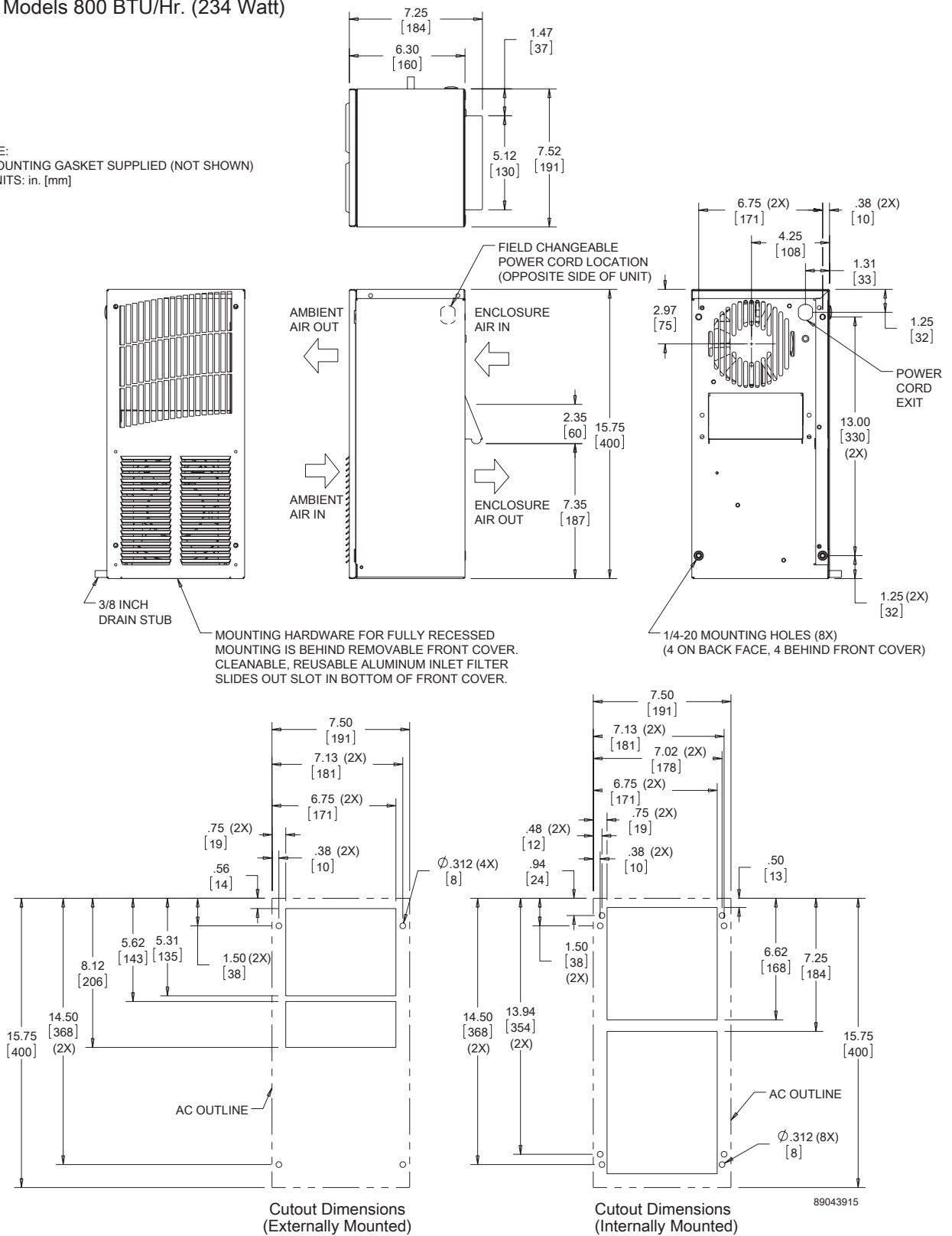
Item number		
Indoor Model	T150116G120	T150126G120
Outdoor Model without Heat Pkg.	T150116G100	T150126G100
Outdoor Model with Heat Pkg.	T150116G150	T150126G150
Outdoor Model/SST/Corrosion/4X	T150116G152	T150126G104
Outdoor Model/SST/Corrosion/4X/Heater	—	—
COOLING PERFORMANCE		
Nominal:		
BTU/Hr.	800/800	800/900
Watt	235/235	235/264
At 131 °F/131 °F (55 °C/55 °C):		
BTU/Hr. (50/60 Hz)	819	920/960
W (50/60 Hz)	240	270/281
At 95 °F/95 °F (35 °C/35 °C):		
BTU/Hr. (50 /60 Hz)	948	810/955
W (50/60 Hz)	278	237/280
Refrigerant	R-134A	R-134A
Refrigerant Charge (ounces/grams)	4/113	3.8/107
Operating Temperature Range:		
Maximum (°F/°C)	131/55	125/131/52/55
Minimum (°F/°C)	-40/-40	-40/-40
Airflow at 0 Static Pressure:		
Internal loop 50 Hz (CFM / m3/hr.)	25/42	25/42
External loop 50 Hz (CFM / m3/hr.)	48/82	48/82
Internal loop 60 Hz (CFM / m3/hr.)	30/51	30/51
External loop 60 Hz (CFM / m3/hr.)	53/90	53/90
Max. Heater W (Outdoor Models)	150	150
ELECTRICAL DATA		
Rated Voltage	100/115	220/230
Frequency (Hz)	50/60	50/60
Operating Range	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	360/403	330/345
Max. Nominal Current (A at 50/60 Hz)	3.6/3.5	1.5/1.5
Starting Current (A)	8.0/9.2	3.3/3.1
Agency Approvals	cUL Listed CE EAC Others available upon request	
Power Input Description	6-ft. cord with NEMA 5-15 plug	6-ft. cord with NEMA 6-15 plug
ENCLOSURE PROTECTION		
UL Type	Type 12, 3R, 4 standard Type 4X Stainless steel optional	
CONTROLLER		
Description	Mechanical thermostat	
Thermostat Location	Enclosure behind front panel	
Factory Thermostat Setting (°F/°C)	80/27	
SOUND LEVEL		
At 1.5 Meters	63 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)	15.75/400	
Width (in./mm)	7.5/191	
Depth (in./mm)	6.3/160	
Weight (lb./kg)	27/12	

Performance Curves for T15 Models 800 BTU/Hr. (234 Watt)



T15 Models 800 BTU/Hr. (234 Watt)

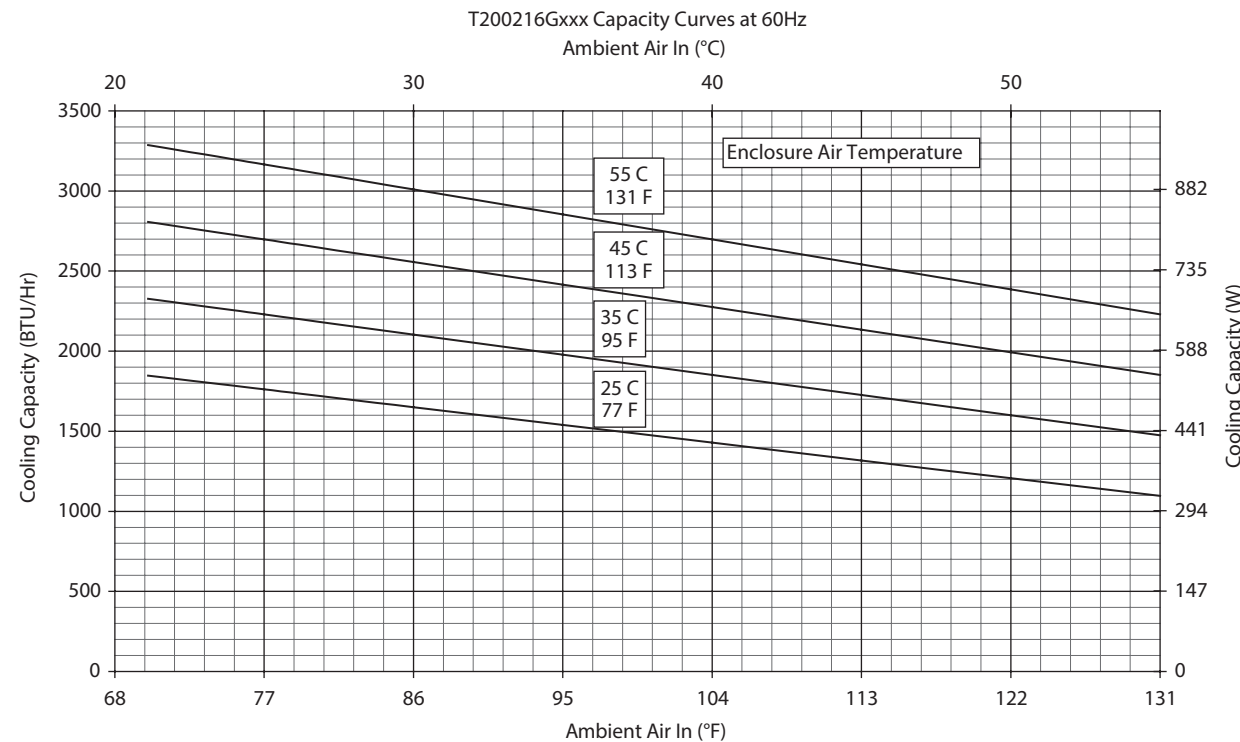
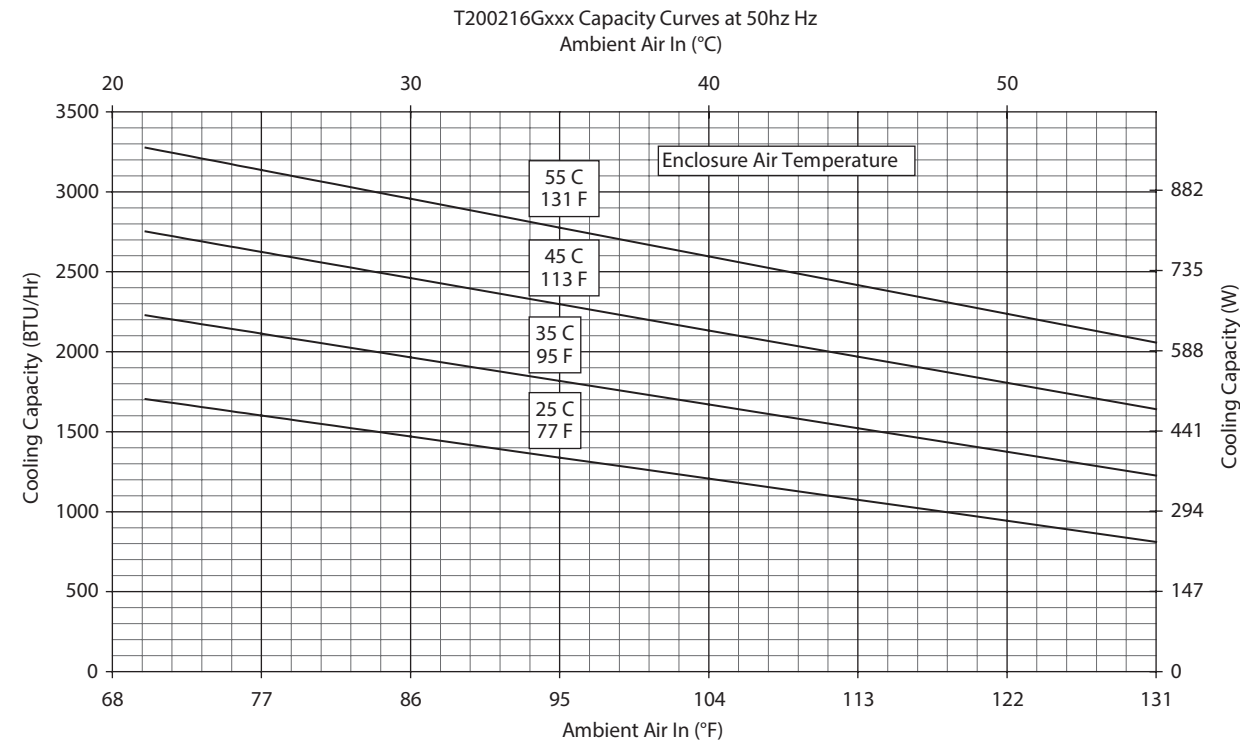
NOTE:
1. MOUNTING GASKET SUPPLIED (NOT SHOWN)
2. UNITS: in. [mm]



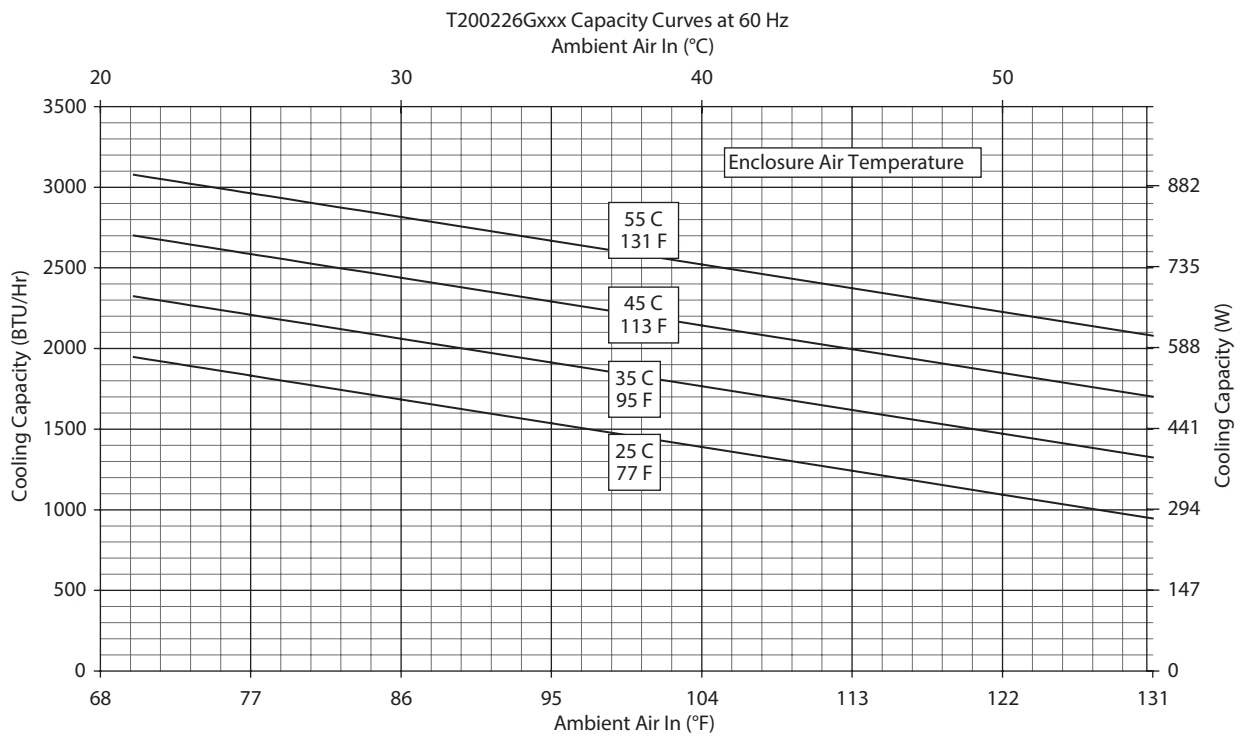
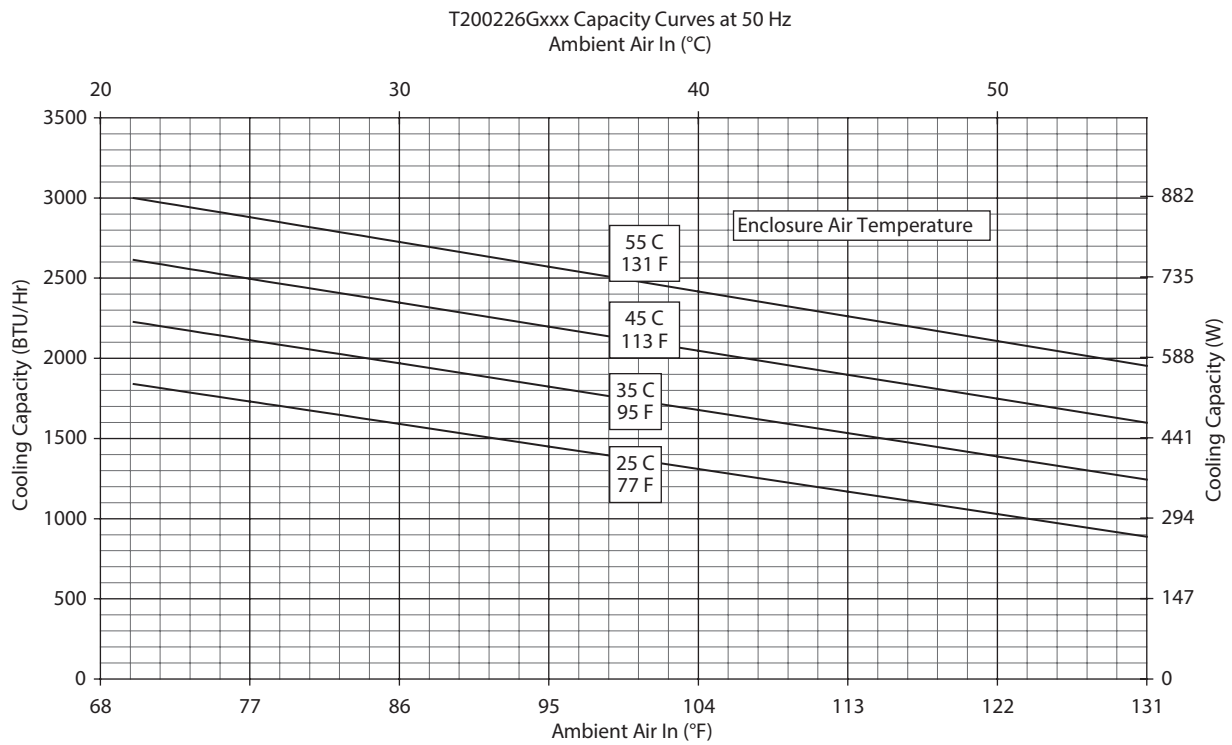
PERFORMANCE DATA T20 2000 BTU/HR. (586 WATT) MODELS

Item number			
Outdoor Model without Heat Pkg.	T200216G100	T200226G100	T200246G400
Outdoor Model with Heat Pkg.	T200216G150	T200226G150	—
Outdoor Model/SS/Corrosion/4X	T200216G155	T200226G103	T200246G401
Outdoor Model/SS/Corrosion/4X/Heater	T200216G157	T200226G158	—
COOLING PERFORMANCE			
Nominal:			
BTU/Hr.	1800/2000	1800/2000	1800/2000
Watt	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)	1950/2200	1950/2200	1950/2200
W (50/60 Hz)	571/645	571/645	571/645
Refrigerant	R-134A	R-134A	R-134A
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 (W at 50/60 Hz)	700/805	805	874
Max. Nominal Current (A at 50/60 Hz)	7.0/7.0	3.5/3.5	1.9
Starting Current (A)	19	7.6	7.2
Agency Approvals	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	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

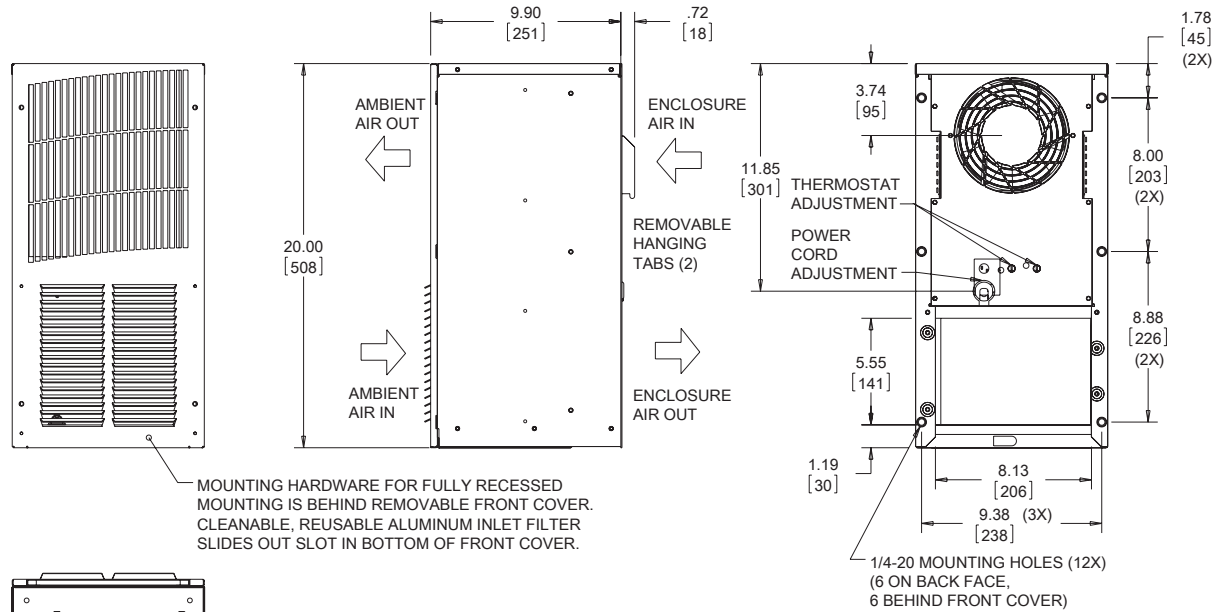
Performance Curves for T20 Models 2000 BTU/Hr. (586 Watt)



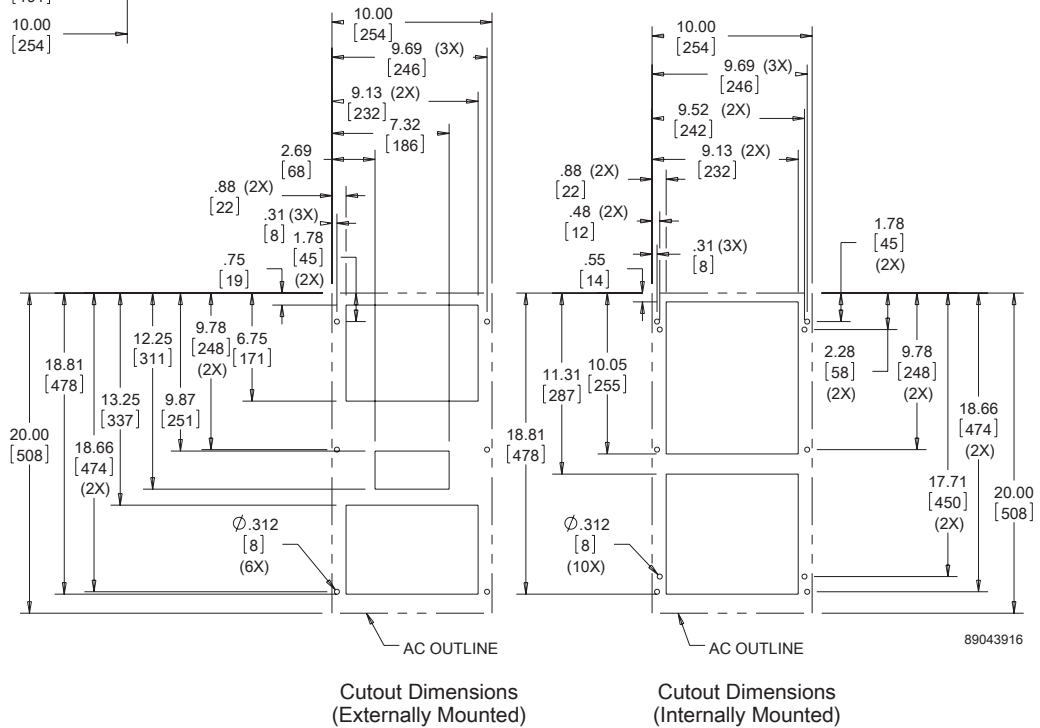
Performance Curves for T20 Models 2000 BTU/Hr. (586 Watt)



T20 Models 2000 BTU/Hr. (586 Watt)



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



[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

SCOPE OF DELIVERY

- Air conditioner unit
- Mounting gasket and hardware kit
- Cutout template
- Installation instruction

FEATURES

- Stock models equipped with head pressure control for low-ambient operation, compressor heater, coated condenser coil, malfunction switch, thermostat and heater package
- Outdoor model operating temperature range from -40 °F/-40 °C to 131 °F/55 °C
- Exterior and fully recessed mounting options

- 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
- Every unit functionally tested before shipping

SPECIFICATIONS

- Models for 115, 230 and 460 VAC power input
- Standard Outdoor Air Conditioner models also include:
 - Telcordia GR-487 capable
 - Thermostat
 - Corrosion-resistant components
 - Malfunction switch
 - Compressor heater
 - Head pressure control
 - Enclosure heater

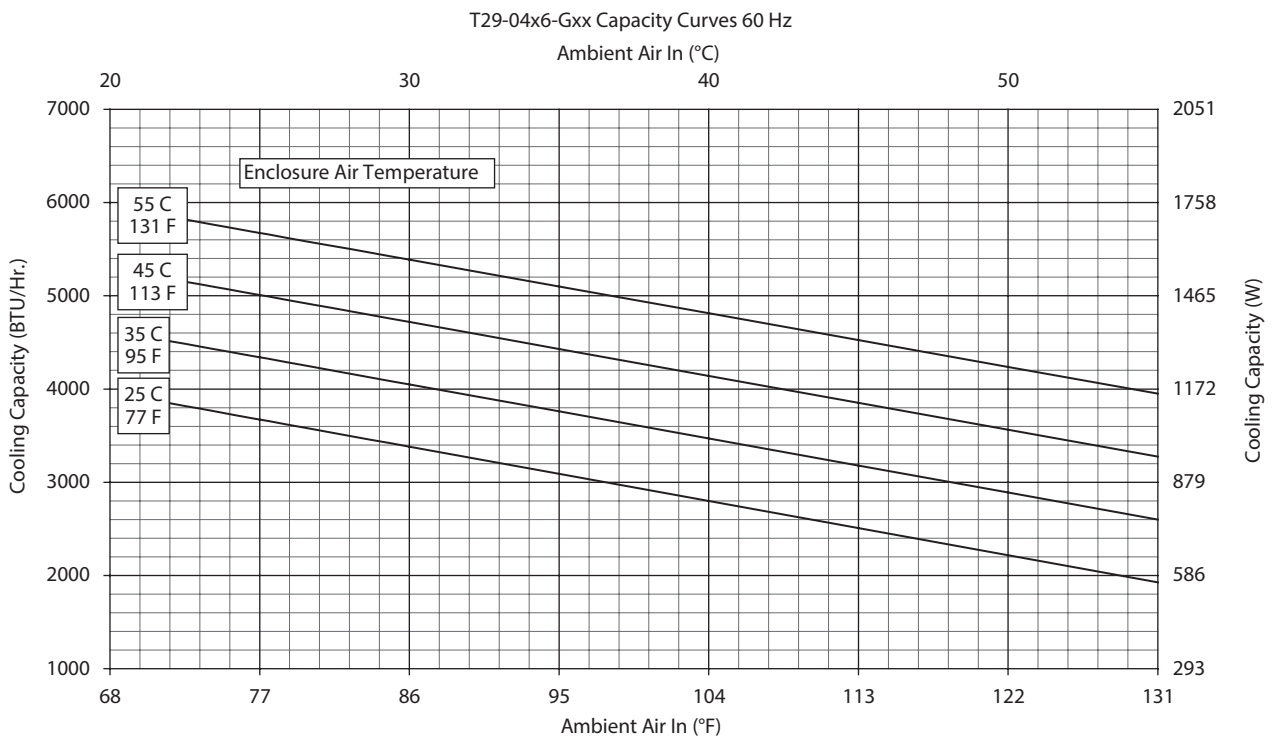
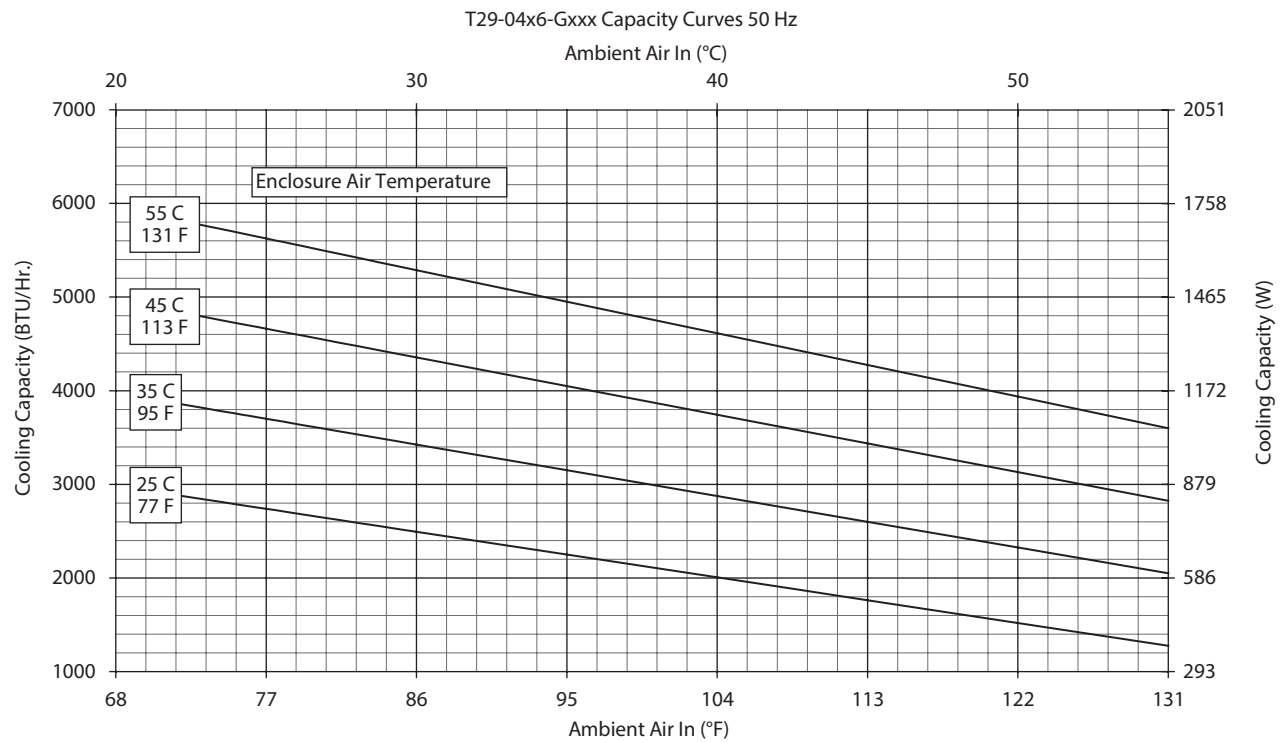
FINISH

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

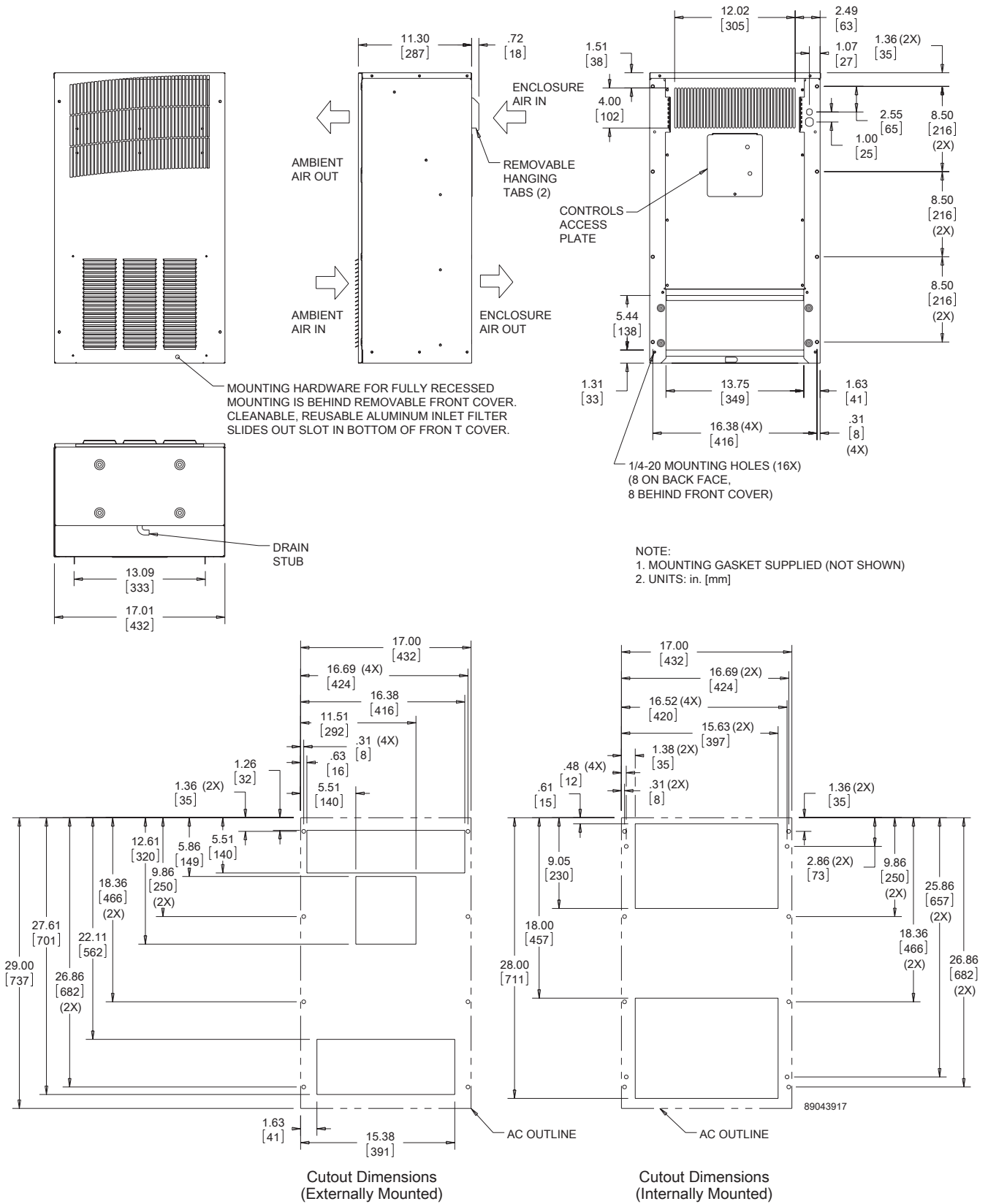
PERFORMANCE DATA T29 4000 BTU/HR. (1173 WATT) MODELS

Item number			
Outdoor Model without Heat Pkg.	T290416G100	T290426G100	—
Outdoor Model with Heat Pkg.	T290416G150	T290426G150	—
Outdoor Model/SS/Corrosion/4X	T290416G159	T290426G161	—
Outdoor Model/SS/Corrosion/4X/Heater	T290416G156	T290426G160	—
COOLING PERFORMANCE			
Nominal:			
BTU/Hr.	3600/4000	3600/4000	3600/4000
Watt	1055/1172	1055/1172	1055/1172
At 131 °F/131 °F (55 °C/55 °C):			
BTU/Hr. (50/60 Hz)	3950/4250	3950/4250	3950/4250
W (50/60 Hz)	1157/1245	1157/1245	1157/1245
At 95 °F/95 °F (35 °C/35 °C):			
BTU/Hr. (50 /60 Hz)	3500/3900	3500/3900	3500/3900
W (50/60 Hz)	1025/1143	1025/1143	1025/1143
Refrigerant	R-134A	R-134A	R-134A
Refrigerant Charge (ounces/grams)	12.5/354	14.3/404	14.3/404
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.)	172/292	172/292	172/292
External loop 50 Hz (CFM / m3/hr.)	195/331	195/331	195/331
Internal loop 60 Hz (CFM / m3/hr.)	205/348	205/348	205/348
External loop 60 Hz (CFM / m3/hr.)	235/399	235/399	235/399
Max. Heater W (Outdoor Models)	1000	1000	
ELECTRICAL DATA			
Rated Voltage	115	230	460V 1PH
Frequency (Hz)	50/60	50/60	50/60
Operating Range	+/- 10%	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	1163/1222	1587/1564	1748
Max. Nominal Current (A at 50/60 Hz)	13.8/12.8	6.9/6.8	3.8
Starting Current ()	48	23	12
Agency Approvals	cUL Listed CE EAC		cUR Recognized CE EAC
Others available upon request			
Power Input Description	6-ft. cord with NEMA 5-20 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	Mechanical thermostat		
Thermostat Location	Enclosure side on all base models		
Factory Thermostat Setting (°F/°C)	80/27		
SOUND LEVEL			
At 1.5 Meters	67 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)	29/737		29/737
Width (in./mm)	17/432		17/432
Depth (in./mm)	11.3/287		11.3/287
Weight (lb./kg)	107/48.6		127/58

Performance Curves for T29 Models 4000 BTU/Hr. (1173 Watt)



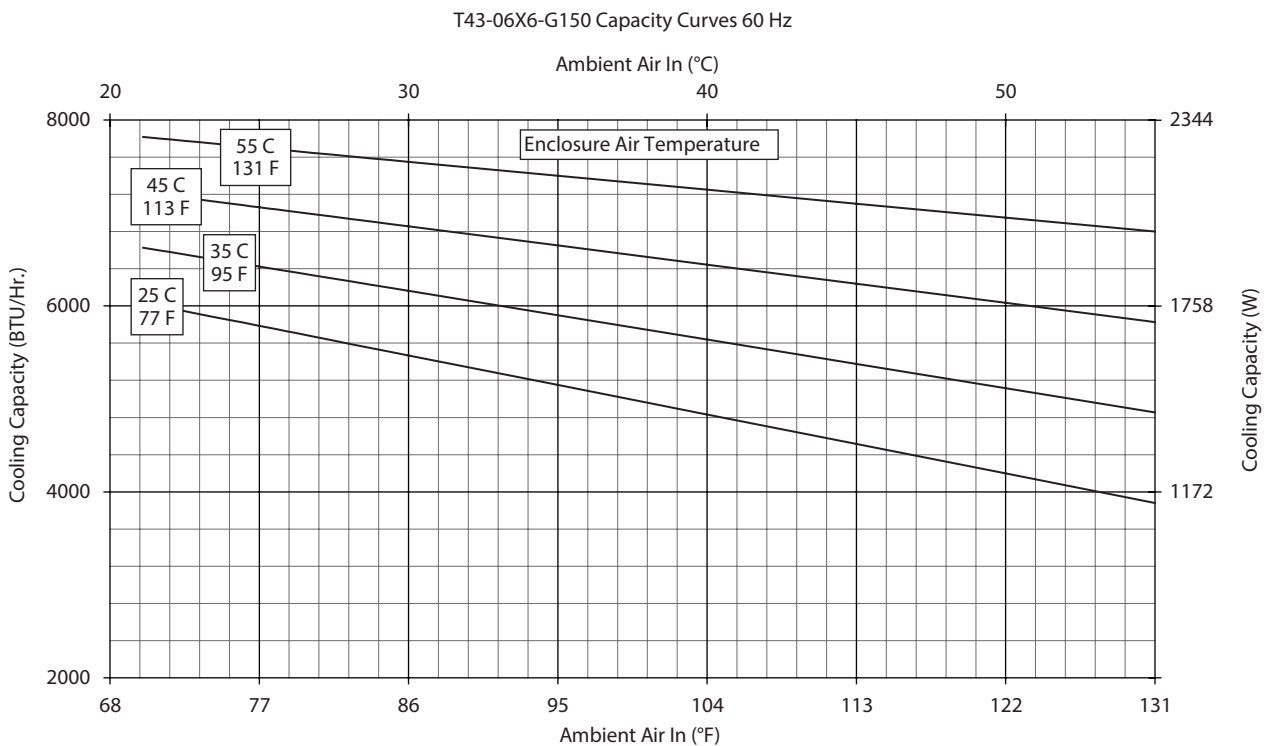
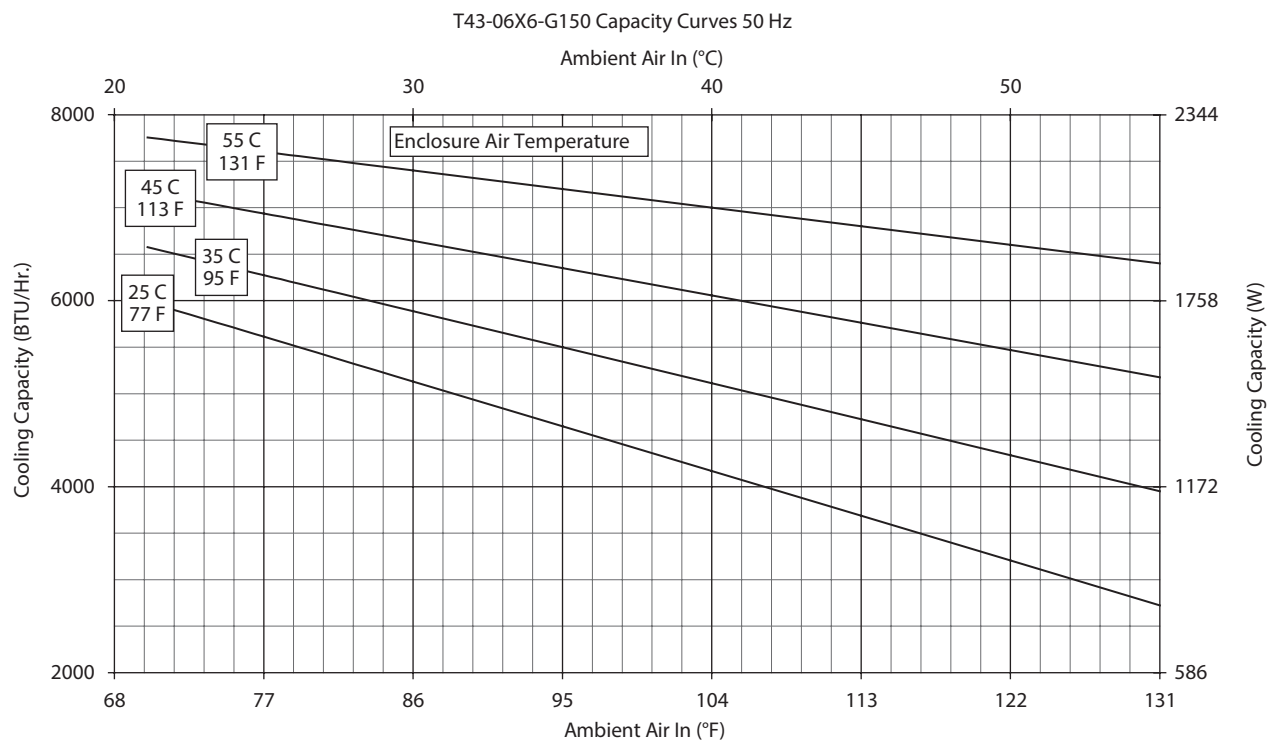
T29 Models 4000 BTU/Hr. (1173 Watt)



PERFORMANCE DATA T43 6000 BTU/HR. (1758 WATT) MODELS

Item Number			
Outdoor Model without Heat Pkg.	T430616G100	T430626G100	—
Outdoor Model with Heat Pkg.	T430616G150	T430626G150	—
Outdoor Model/SS/Corrosion/4X	T430616G102	T430626G159	—
Outdoor Model/SS/Corrosion/4X/Heater	—	—	—
COOLING PERFORMANCE			
Nominal:			
BTU/Hr.	6310/6680	6520/6770	6520/6770
Watt	1848/1958	1910/1985	1910/1985
At 131 °F/131 °F (55 °C/55 °C):			
BTU/Hr. (50/60 Hz)	6400/6680	6520/6774	6520/6774
W (50/60 Hz)	1875/1957	1910/1985	1910/1985
At 95 °F/95 °F (35 °C/35 °C):			
BTU/Hr. (50 /60 Hz)	5500/5900	5461/5846	5461/5846
W (50/60 Hz)	1611/1729	1600/1713	1600/1713
Refrigerant	R-134A	R-134A	R-134A
Refrigerant Charge (ounces/grams)	30/850	30/850	30/850
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.)	310/527	310/527	310/527
External loop 50 Hz (CFM / m3/hr.)	345/586	345/586	345/586
Internal loop 60 Hz (CFM / m3/hr.)	320/544	320/544	320/544
External loop 60 Hz (CFM / m3/hr.)	355/603	355/603	355/603
Max. Heater W (Outdoor Models)	1000	1000	N/A
ELECTRICAL DATA			
Rated Voltage	115	230	460V 1PH
Frequency (Hz)	50/60	50/60	50/60
Operating Range	+/- 10%	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	1058/989	1012/874	1104/966
Max. Nominal Current (A at 50/60 Hz)	9.2/8.6	4.4/3.8	2.4/2.1
Starting Current (A)	57.2	27	14
Agency Approvals	cUL Listed CE EAC		cUR Recognized CE EAC
Others available upon request			
Power Input Description	6-ft. cord with NEMA 5-20 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		
International Rating	IP56 on the internal loop; IP34 on the external loop		
CONTROLLER			
Description	Mechanical thermostat		
Thermostat Location	Enclosure side on all base models		
Factory Thermostat Setting (°F/°C)	80/27		
SOUND LEVEL			
At 1.5 Meters	65.7 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)	43/1092		
Width (in./mm)	15.75/400		
Depth (in./mm)	10.9/279		
Weight (lb./kg)	125/57		

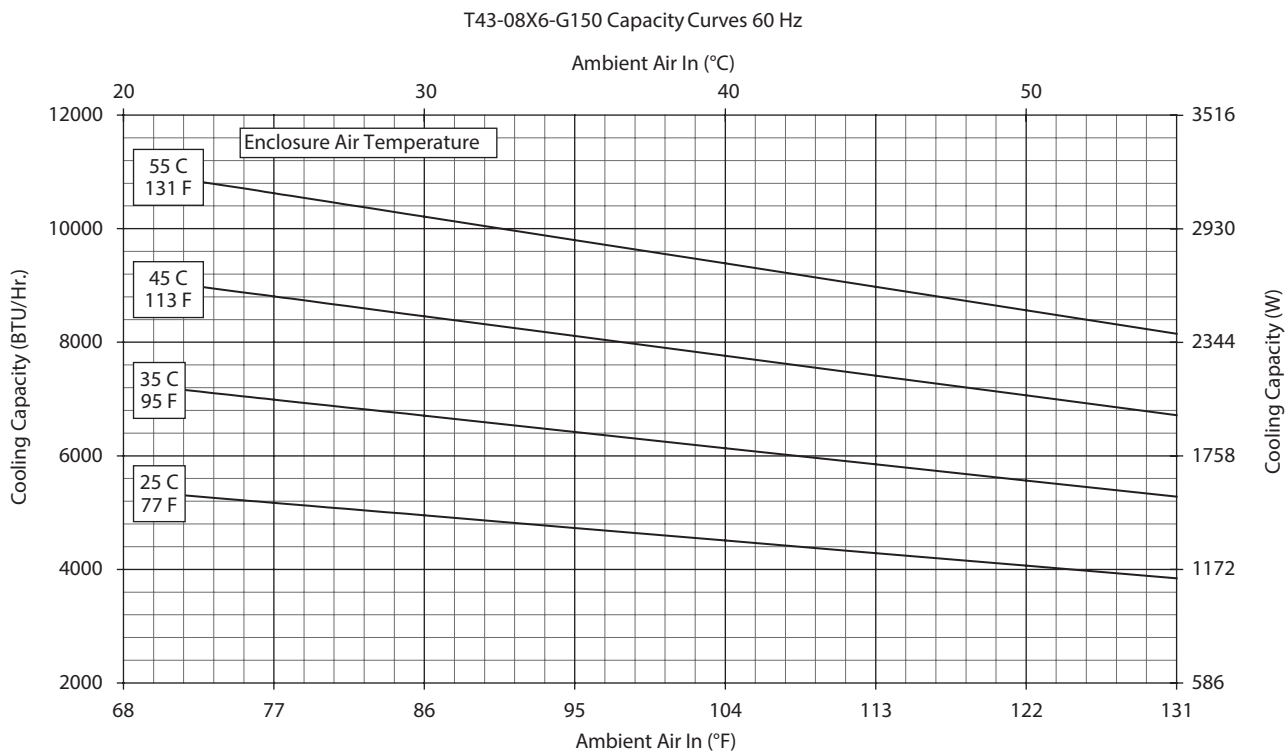
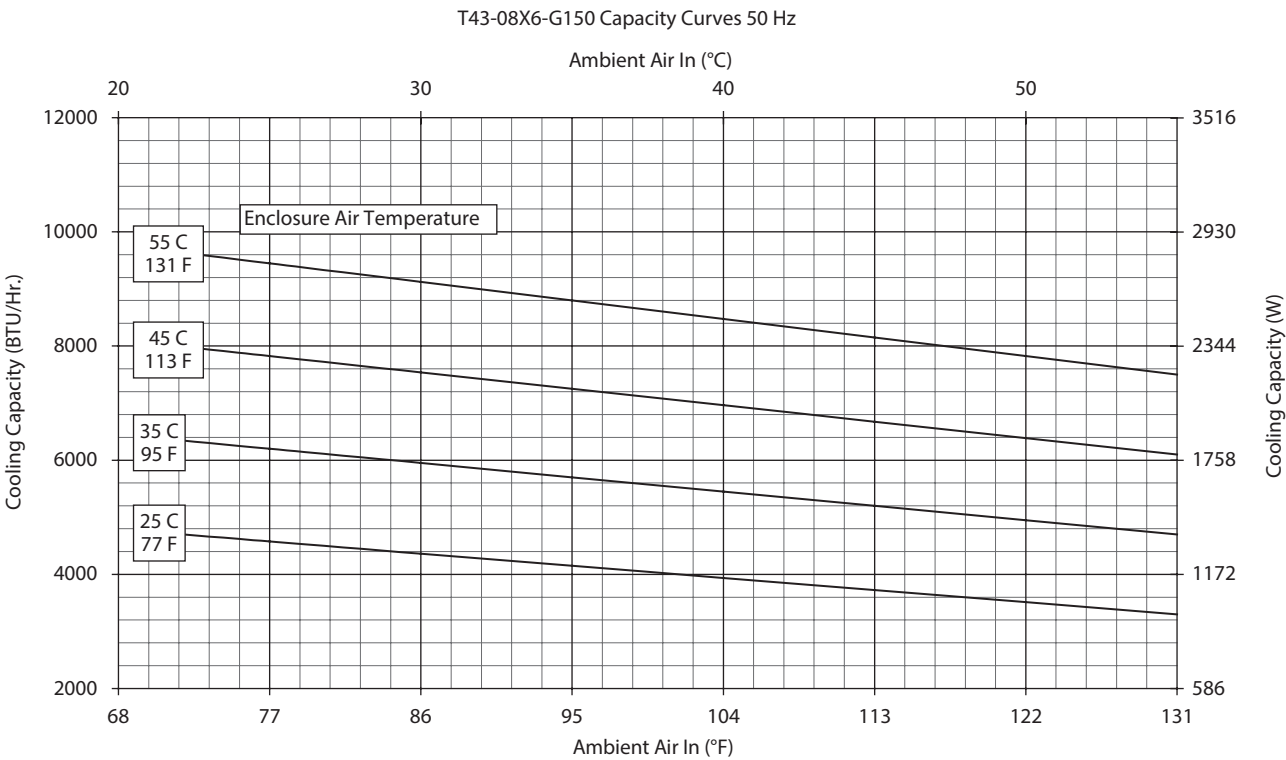
Performance Curves for T43 Models 6000 BTU/Hr. (1758 Watt)



PERFORMANCE DATA T43 8000 BTU/HR. (2344 WATT) MODELS

Item number			
Outdoor Model without Heat Pkg.	T430816G100	T430826G100	—
Outdoor Model with Heat Pkg.	T430816G150	T430826G150	—
Outdoor Model/SS/Corrosion/4X	T430816G153	T430826G108	—
Outdoor Model/SS/Corrosion/4X/Heater	—	—	—
COOLING PERFORMANCE			
Nominal:			
BTU/Hr.	7900/8600	7400/8200	7400/8200
Watt	2310/2500	2160/2400	2160/2400
At 131 °F/131 °F (55 °C/55 °C):			
BTU/Hr. (50/60 Hz)	7937/8629	7484/8215	7484/8215
W (50/60 Hz)	2326/2528	2193/2407	2193/2407
At 95 °F/95 °F (35 °C/35 °C):			
BTU/Hr. (50 /60 Hz)	6401/7100	5940/6705	5940/6705
W (50/60 Hz)	1875/2080	1740/1965	1740/1965
Refrigerant	R-134A	R-134A	R-134A
Refrigerant Charge (ounces/grams)	36/1022	36/1022	36/1022
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.)	273/464	273/464	273/464
External loop 50 Hz (CFM / m3/hr.)	310/527	310/527	310/527
Internal loop 60 Hz (CFM / m3/hr.)	290/493	290/493	290/493
External loop 60 Hz (CFM / m3/hr.)	315/535	315/535	315/535
Max. Heater W (Outdoor Models)	1000	1000	N/A
ELECTRICAL DATA			
Rated Voltage	115	230	460V 1PH
Frequency (Hz)	50/60	50/60	50/60
Operating Range	+/- 10%	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	1196/1288	1196/1242	1334/1380
Max. Nominal Current (A at 50/60 Hz)	10.4/11.2	5.2/5.4	2.9/3.0
Starting Current (A)	48.3	27	14
Agency Approvals	cUL Listed CE EAC Others available upon request		cUR Recognized CE EAC
Power Input Description	6-ft. cord with NEMA 5-20 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		
International Rating	IP56 on the internal loop; IP34 on the external loop		
CONTROLLER			
Description	Mechanical thermostat		
Thermostat Location	Enclosure side on all base models		
Factory Thermostat Setting (°F/°C)	80/27		
SOUND LEVEL			
At 1.5 Meters	65.7 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)	43/1092		
Width (in./mm)	15.75/400		
Depth (in./mm)	10.9/279		
Weight (lb./kg)	125/57		

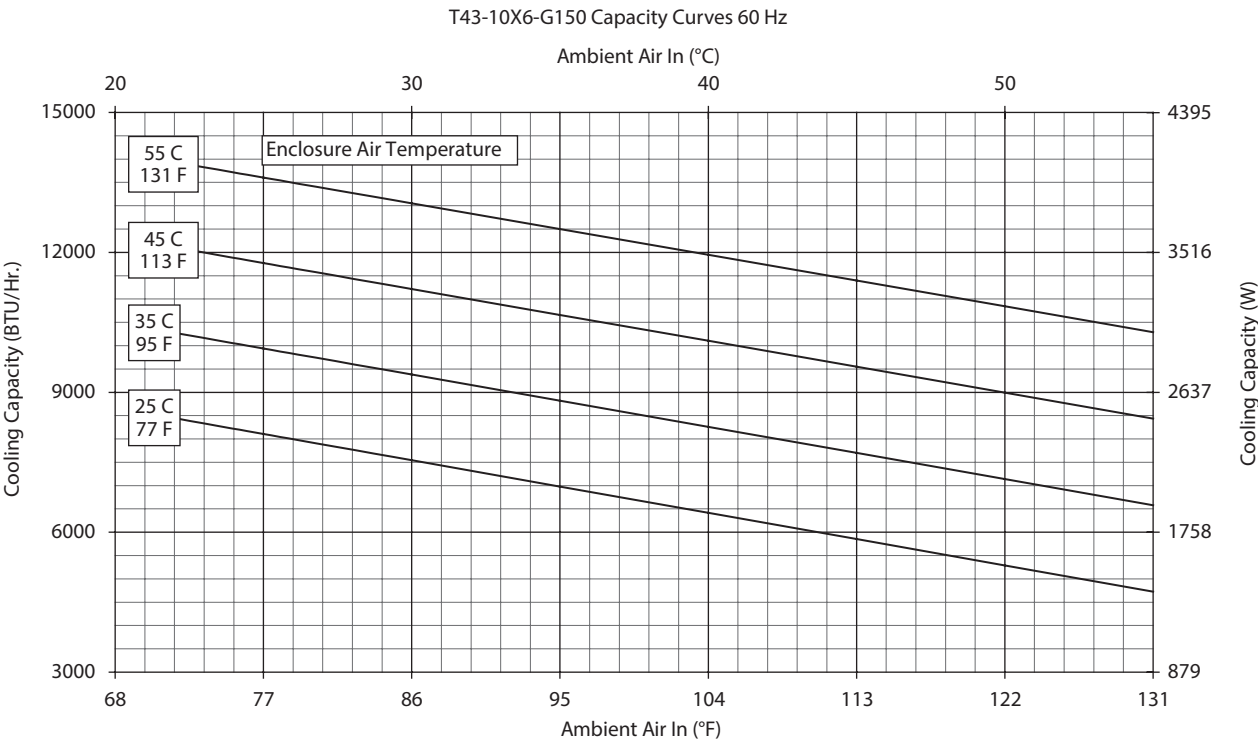
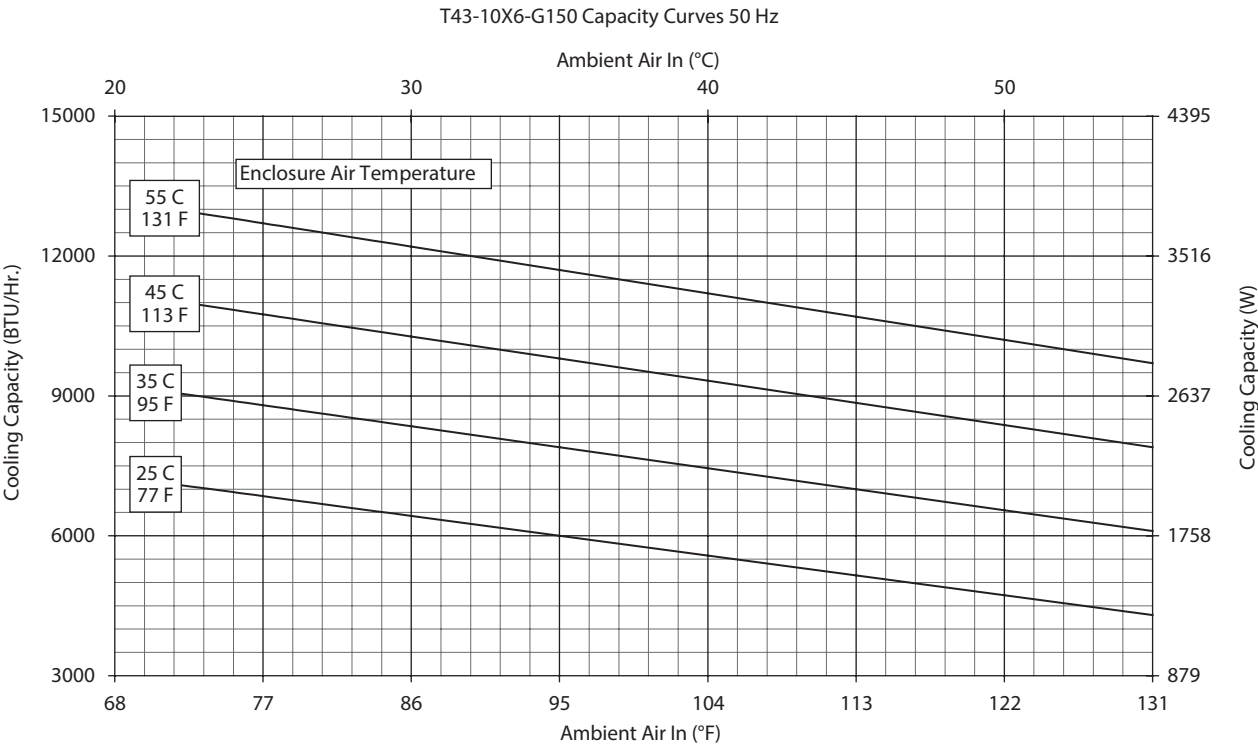
Performance Curves for T43 Models 8000 BTU/Hr. (2344 Watt)



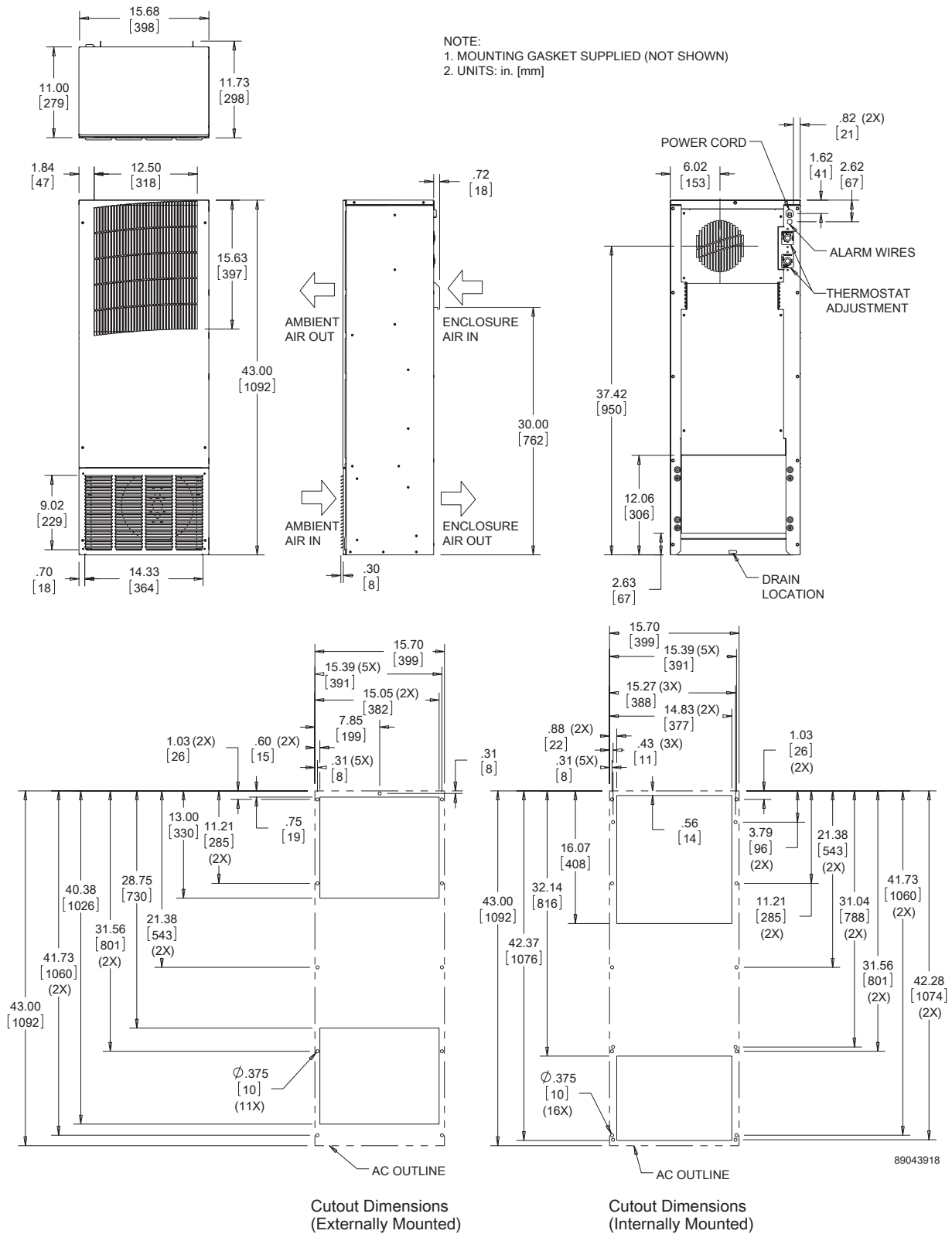
PERFORMANCE DATA T43 10000 BTU/HR. (2930 WATT) MODELS

Item number			
Outdoor Model without Heat Pkg.	T431016G100	T431026G100	—
Outdoor Model with Heat Pkg.	T431016G150	T431026G150	—
Outdoor Model/SS/Corrosion/4X	T431016G102	T431026G104	—
Outdoor Model/SS/Corrosion/4X/Heater	T431016G153	T431026G152	—
COOLING PERFORMANCE			
Nominal:			
BTU/Hr.	9670/10300	10100/10500	10100/10500
Watt	2831/3016	2957/3075	2957/3075
At 131 °F/131 °F (55 °C/55 °C):			
BTU/Hr. (50/60 Hz)	9667/10290	10039/10669	10039/10669
W (50/60 Hz)	2832/3015	2941/3126	2941/3126
At 95 °F/95 °F (35 °C/35 °C):			
BTU/Hr. (50/60 Hz)	7663/8397	8458/8837	8458/8837
W (50/60 Hz)	2245/2460	2478/2589	2478/2589
Refrigerant	R-134A	R-134A	R-134A
Refrigerant Charge (ounces/grams)	32/907	32/907	32/907
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.)	272/462	320/544	320/544
External loop 50 Hz (CFM / m3/hr.)	510/866	568/965	568/965
Internal loop 60 Hz (CFM / m3/hr.)	290/493	330/561	330/561
External loop 60 Hz (CFM / m3/hr.)	565/960	636/1081	636/1081
Max. Heater W (Outdoor Models)	1000	1000	N/A
ELECTRICAL DATA			
Rated Voltage	115	230	460V 1PH
Frequency (Hz)	50/60	50/60	50/60
Operating Range	+/- 10%	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	1828.5/2288.5	2070	1334/1380
Max. Nominal Current (A at 50/60 Hz)	15.9/19.9	9	5
Starting Current (A)	57	38	20
Agency Approvals	cUL Listed CE EAC		cUR Recognized CE EAC
Others available upon request			
Power Input Description	6-ft. cord with NEMA 5-30 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		
International Rating	IP56 on the internal loop; IP34 on the external loop		
CONTROLLER			
Description	Mechanical thermostat		
Thermostat Location	Enclosure side on all base models		
Factory Thermostat Setting (°F/°C)	80/27		
SOUND LEVEL			
At 1.5 Meters	73.3 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)	43/1092		
Width (in./mm)	15.75/400		
Depth (in./mm)	10.9/279		
Weight (lb./kg)	125/57		

Performance Curves for T43 Models 10000 BTU/Hr. (2930 Watt)



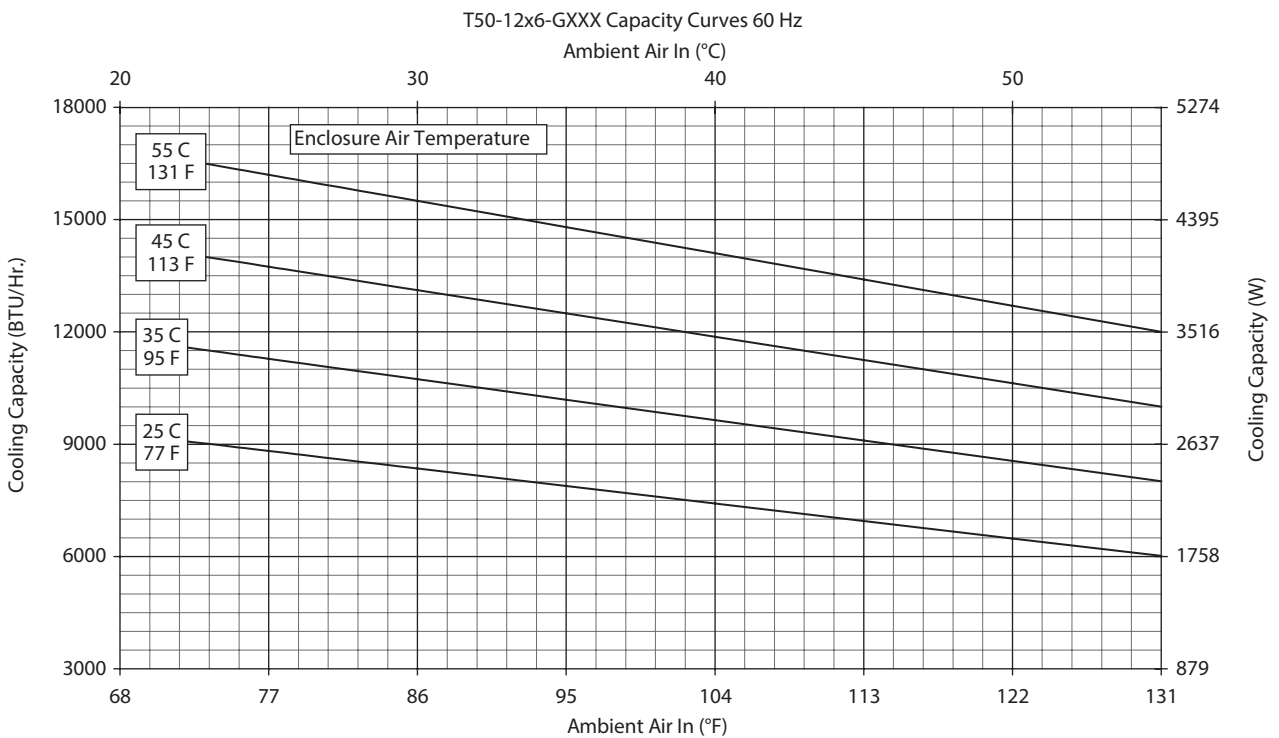
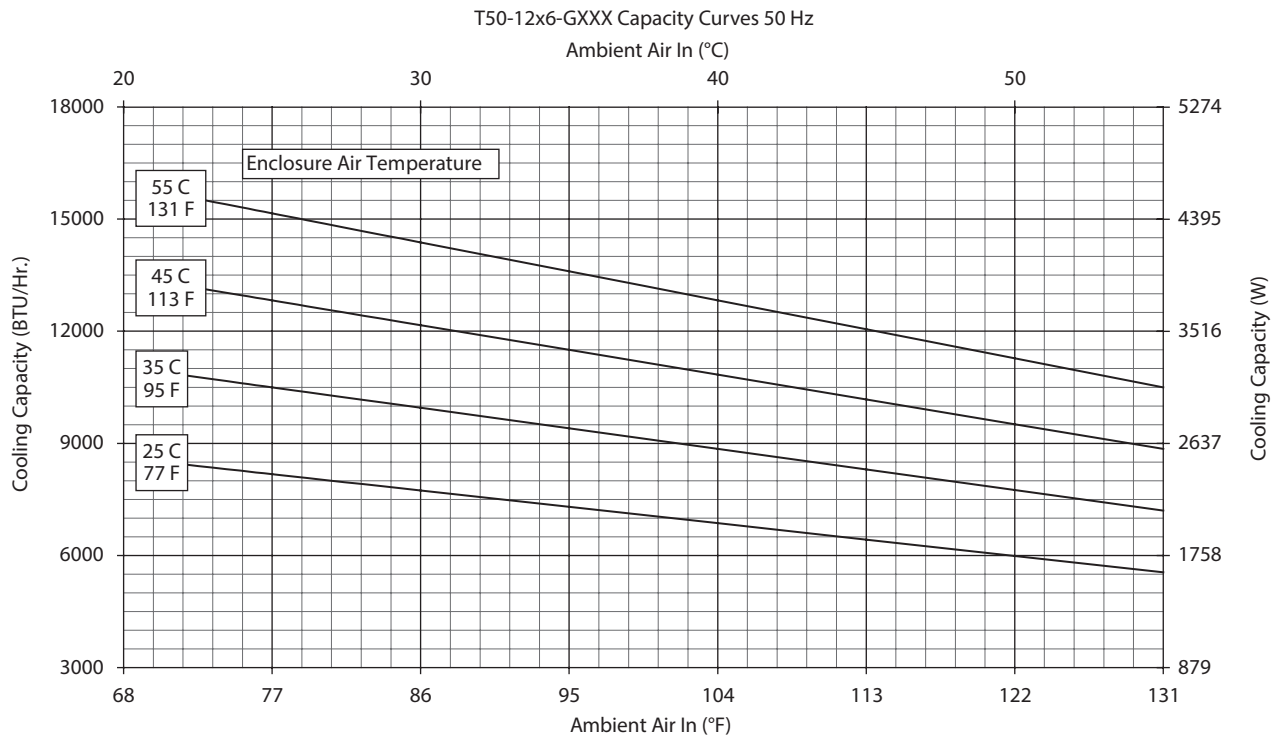
T43 6000-10000 Models BTU/HR. (1758 - 2930 Watt)



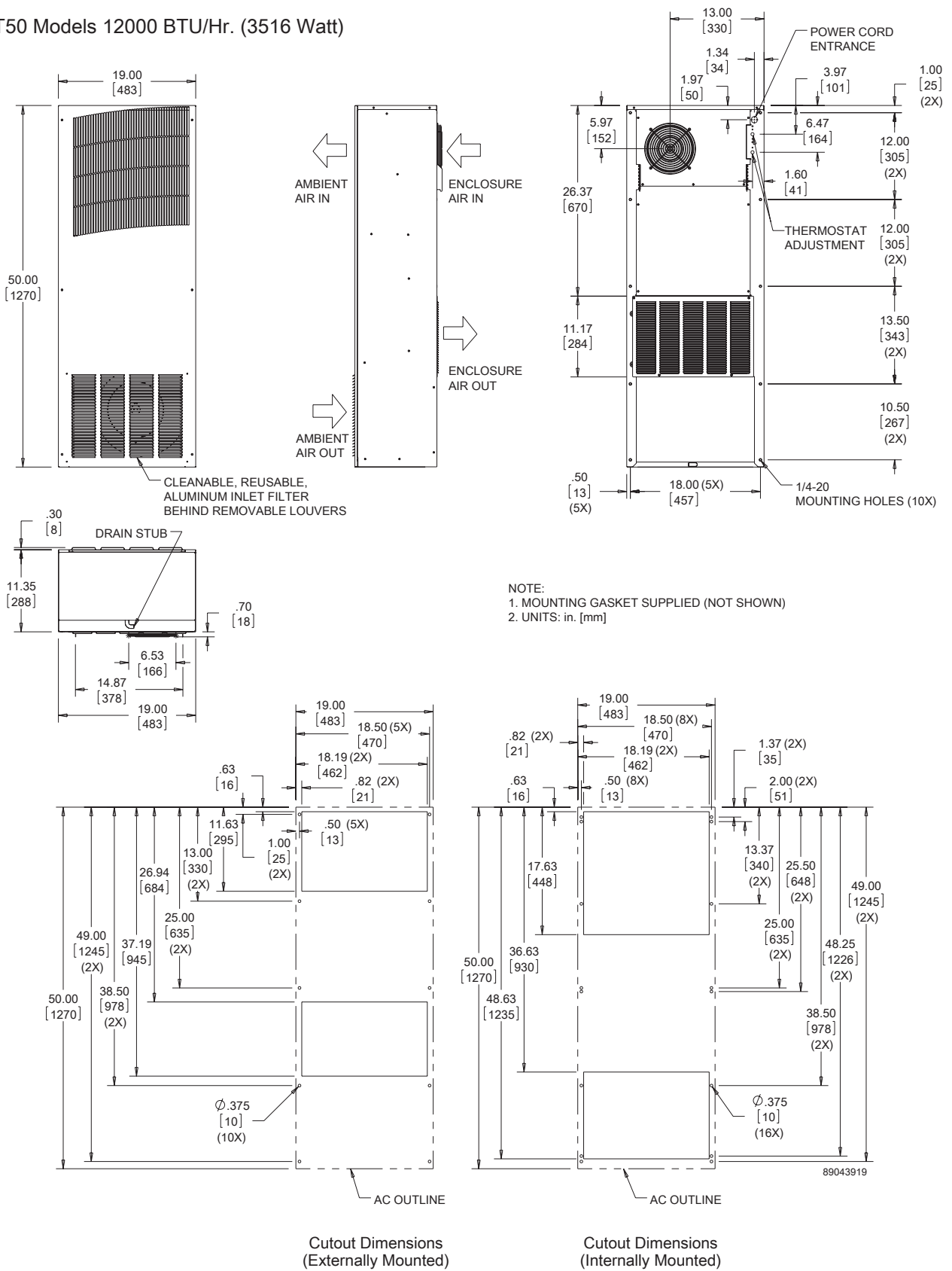
PERFORMANCE DATA T50 12000 BTU/HR. (3516 WATT) MODELS

Item number		
Outdoor Model without Heat Pkg.	T501226G100	—
Outdoor Model with Heat Pkg.	T501226G150	—
Outdoor Model/SS/Corrosion/4X	T501226G125	T501246G401
Outdoor Model/SS/Corrosion/4X/Heater	T501226G156	—
COOLING PERFORMANCE		
Nominal:		
BTU/Hr.	11000/12000	11000/12000
Watt	3223/3516	3223/3516
At 131 °F/131 °F (55 °C/55 °C):		
BTU/Hr. (50/60 Hz)	10030/12000	10030/12000
W (50/60 Hz)	2939/3516	2939/3516
At 95 °F/95 °F (35 °C/35 °C):		
BTU/Hr. (50 /60 Hz)	9300/10050	9300/10050
W (50/60 Hz)	2725/2945	2725/2945
Refrigerant	R-134A	R-134A
Refrigerant Charge (ounces/grams)	46/1300	46/1300
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 / m3/hr.)	300/510	300/510
External loop 50 Hz (CFM / m3/hr.)	520/883	520/883
Internal loop 60 Hz (CFM / m3/hr.)	368/626	368/626
External loop 60 Hz (CFM / m3/hr.)	625/1062	625/1062
Max. Heater W (Outdoor Models)	1500	1500
ELECTRICAL DATA		
Rated Voltage	220/230	460V 1PH
Frequency (Hz)	50/60	50/60
Operating Range	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	1804/2139	2070/2346
Max. Nominal Current (A at 50/60 Hz)	8.2/9.3	4.5/5.1
Starting Current (A)	38	20
Agency Approvals	cUL Listed	cUR Recognized
	CE	CE
	EAC	EAC
Power Input Description	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	Mechanical thermostat	
Thermostat Location	Enclosure side on all base models	
Factory Thermostat Setting (°F/°C)	80/27	
SOUND LEVEL		
At 1.5 Meters	68 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)	50/1270	
Width (in./mm)	19/483	
Depth (in./mm)	11.05/281	
Weight (lb./kg)	164/75	

Performance Curves for T50 Models 12000 BTU/Hr. (3516 Watt)



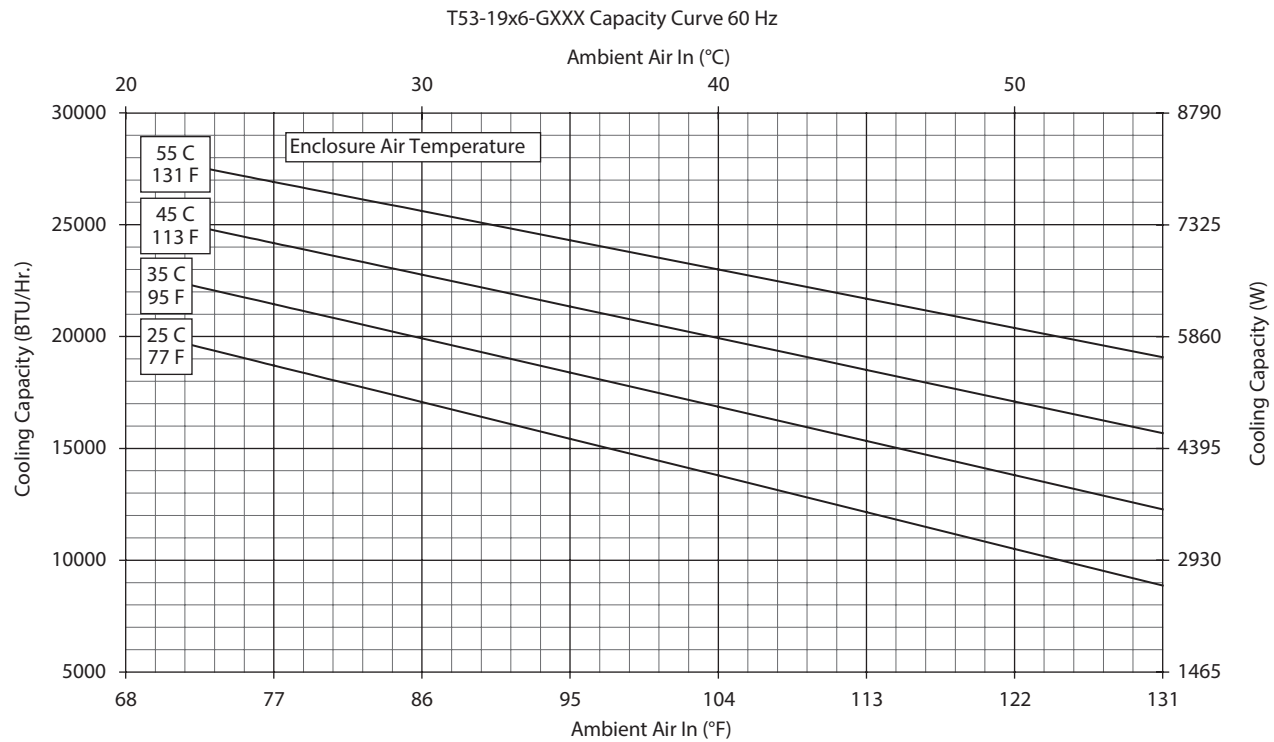
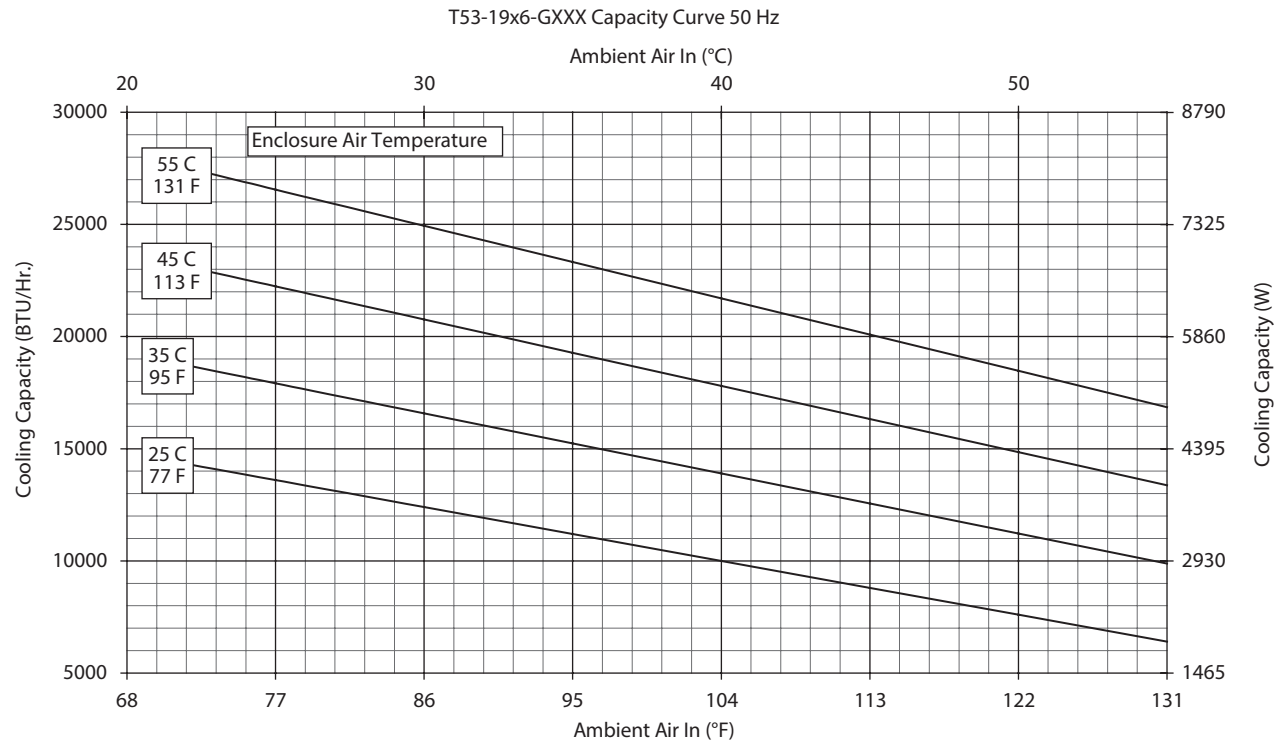
T50 Models 12000 BTU/Hr. (3516 Watt)



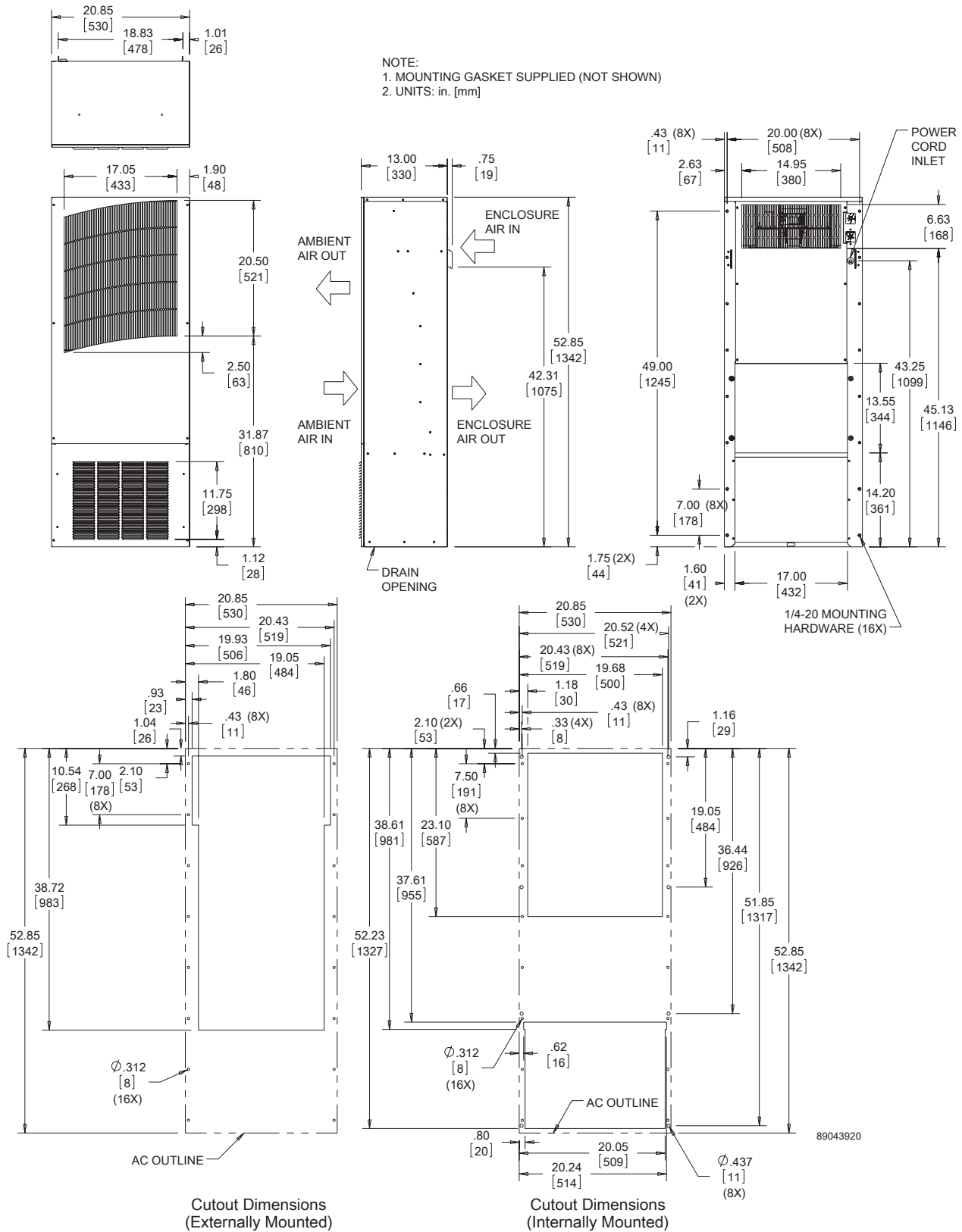
PERFORMANCE DATA T53 19000 BTU/HR. (5567 WATT) MODELS

Item number		
Outdoor Model without Heat Pkg.	T531926G100	—
Outdoor Model with Heat Pkg.	T531926G150	—
Outdoor Model/SS/Corrosion/4X	T531926G109	—
Outdoor Model/SS/Corrosion/4X/Heater	—	—
COOLING PERFORMANCE		
Nominal:		
BTU/Hr.	16800/19000	16800/19000
Watt	4922/5567	4922/5567
At 131 °F/131 °F (55 °C/55 °C):		
BTU/Hr. (50/60 Hz)	16854/19081	16854/19081
W (50/60 Hz)	4939/5592	4939/5592
At 95 °F/95 °F (35 °C/35 °C):		
BTU/Hr. (50 /60 Hz)	15240/19815	15240/19815
W (50/60 Hz)	4466/5807	4466/5807
Refrigerant	410A	410A
Refrigerant Charge (ounces/grams)	40/1132	40/1132
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)	3979/4669	4370/5152
Max. Nominal Current (A at 50/60 Hz)	17.3/20.3	9.5/11.2
Starting Current (A)	54	28
Agency Approvals	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	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)



T53 Models 19000 BTU/Hr. (5567 Watt)



NOTES :

[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
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

SCOPE OF DELIVERY

- Air conditioner unit
- Mounting gasket and hardware kit
- Cutout template
- Installation instruction

FEATURES

- Stock models equipped with head pressure control for low-ambient operation, compressor heater, coated condenser coil, malfunction switch, thermostat and heater package
- Outdoor model operating temperature range from -40°F/-40°C to 131°F/55°C

- Exterior mounting option
- 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
- Every unit functionally tested before shipping

SPECIFICATIONS

- Models for 230 and 460 VAC power input
- Standard Outdoor Air Conditioner models also include:
 - Telcordia GR-487 capable
 - Thermostat
 - Corrosion-resistant components
 - Malfunction switch
 - Compressor heater
 - Head pressure control
 - Enclosure heater

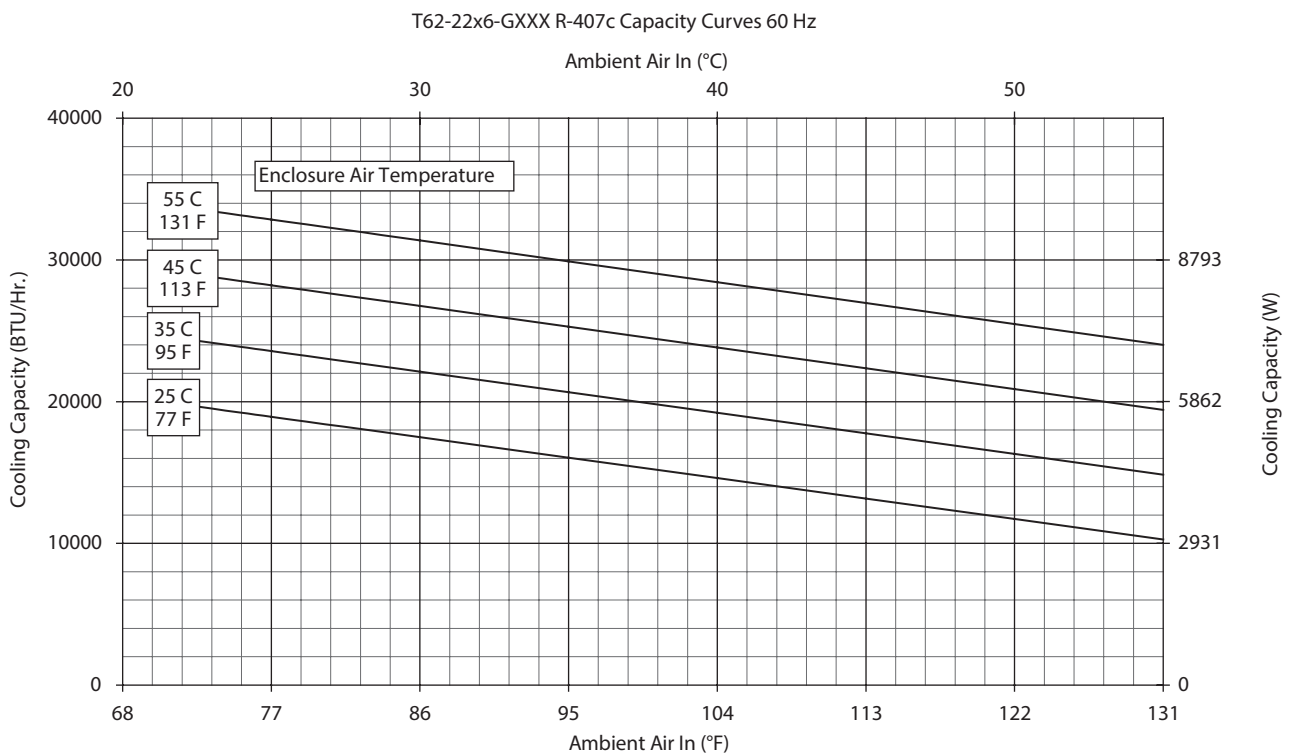
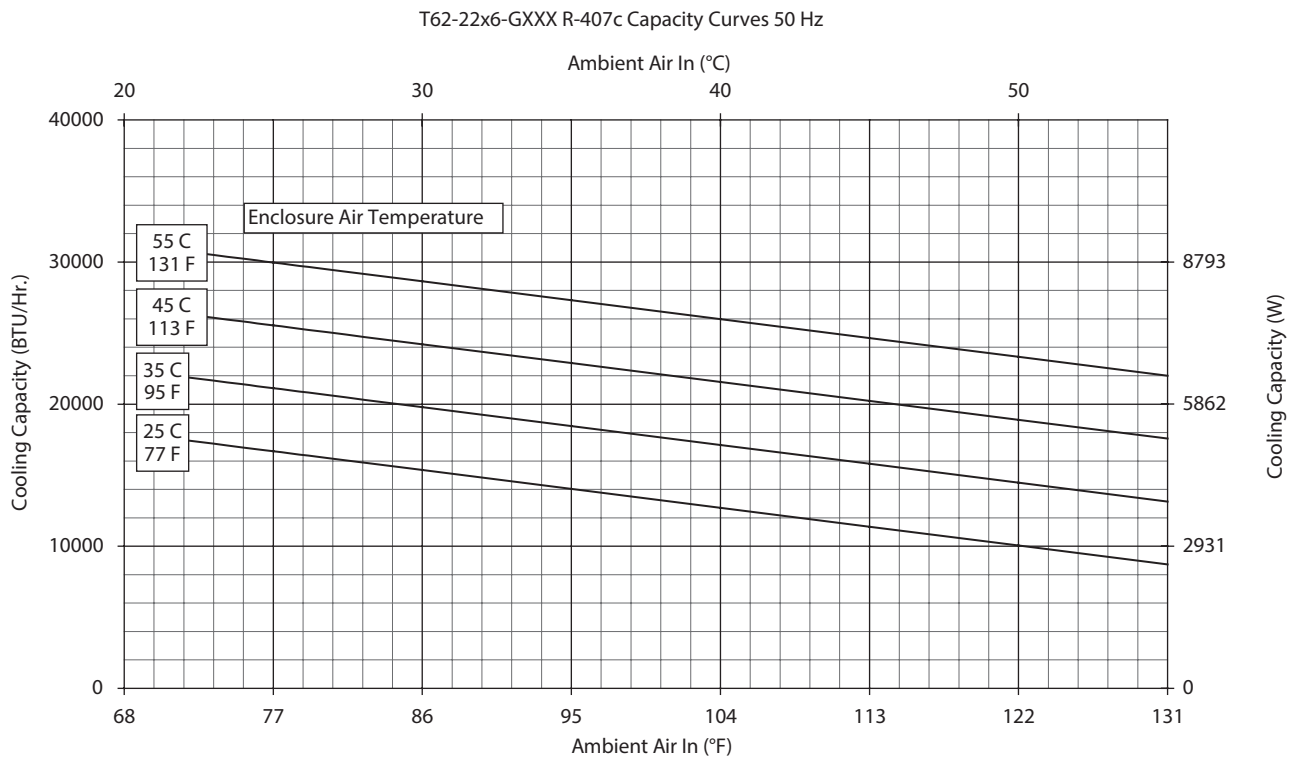
FINISH

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

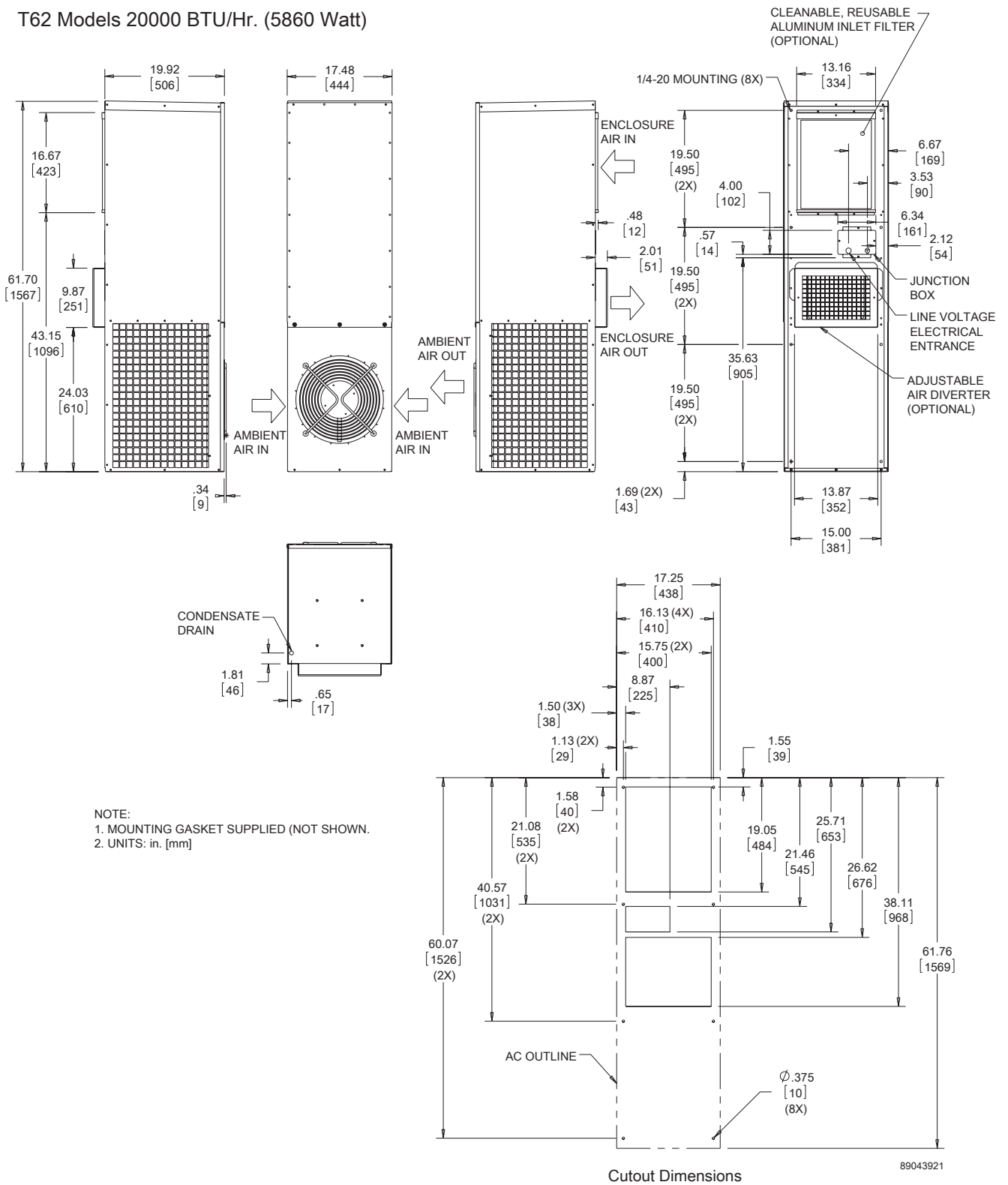
PERFORMANCE DATA T62 20000 BTU/HR. (5860 WATT) MODELS

Item number	T622226G150		—
COOLING PERFORMANCE			
Nominal:			
BTU/Hr.	20500/23500		20500/23500
Watt	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 / m3/hr.)	570/968		570/968
External loop 50 Hz (CFM / m3/hr.)	1443/2452		1443/2452
Internal loop 60 Hz (CFM / m3/hr.)	673/1143		673/1143
External loop 60 Hz (CFM / m3/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
Starting Current (A)	60		30
Agency Approvals	cUL Listed CE EAC		cUR Recognized 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	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 Models 20000 BTU/Hr. (5860 Watt)



PERFORMANCE DATA T70-36 36000 BTU/HR. (10548 WATT) MODELS

Item number	T703626G150		—
COOLING PERFORMANCE			
Nominal:			
BTU/Hr.	39000/43000		
Watt	11430/12602		
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 / m3/hr.)	1085/1843		
External loop 50 Hz (CFM / m3/hr.)	2176/3697		
Internal loop 60 Hz (CFM / m3/hr.)	1171/1989		
External loop 60 Hz (CFM / m3/hr.)	2347/3987		
Max. Heater W (Outdoor Models)	2000 Standard (5000 Optional)		
ELECTRICAL DATA			
Rated Voltage	230	460	
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 EAC Others available upon request		
Power Input Description	Terminal block		
ENCLOSURE PROTECTION			
UL Type	Type 12, 3R, 4 standard Type 4X Stainless steel optional UL/cUL Listed		
International Rating			
CONTROLLER			
Description	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)	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)

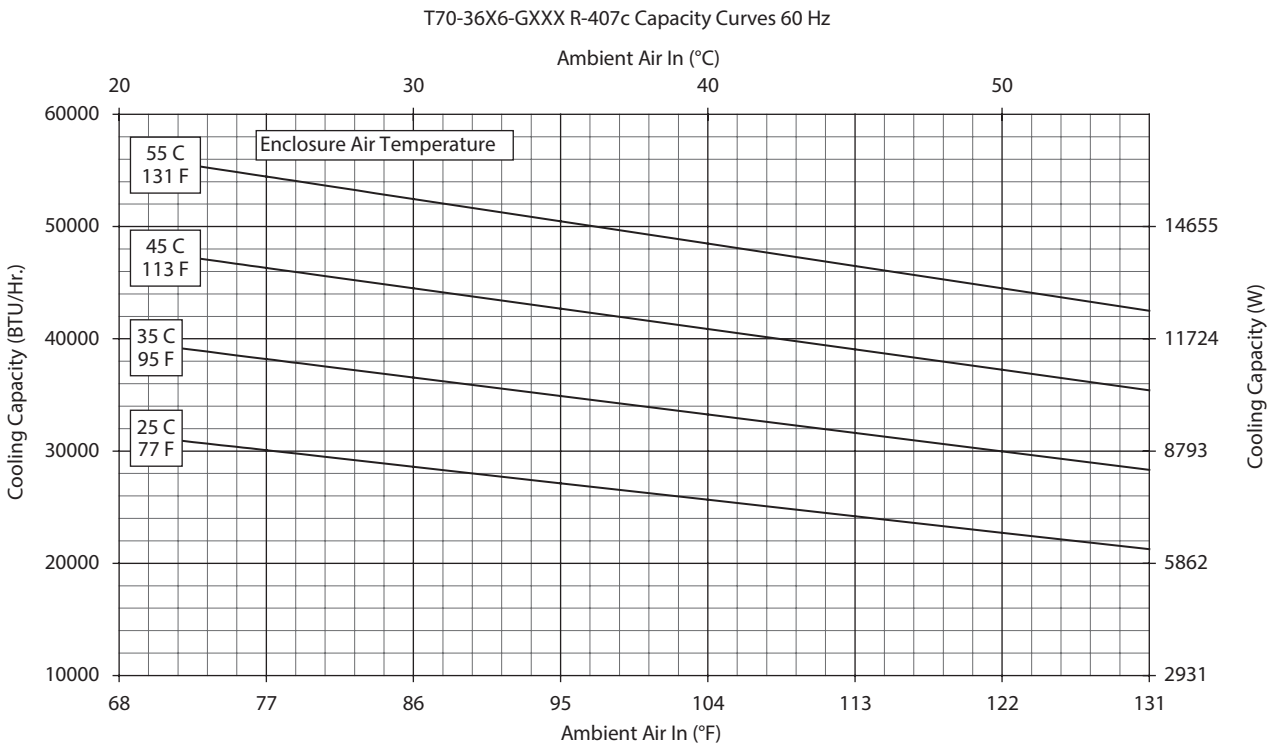
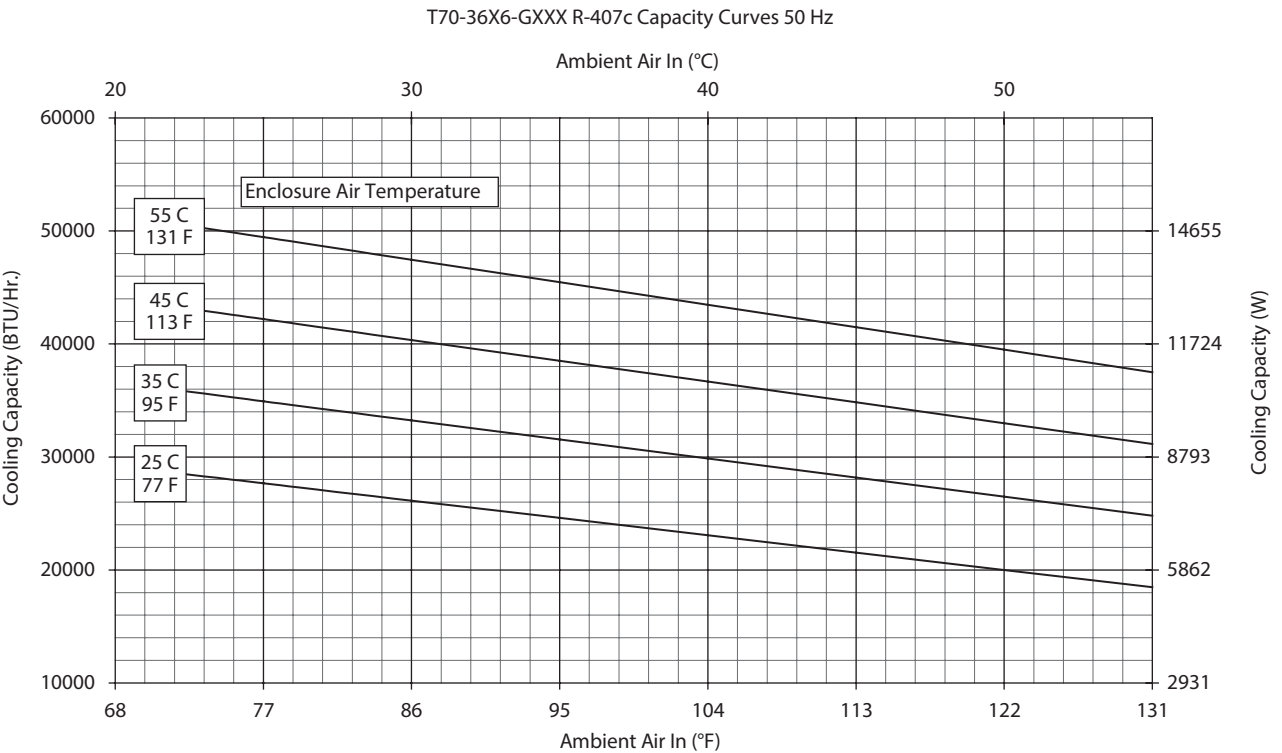


Figure 1 is a mechanical drawing of the enclosure, showing front, top, and side views with dimensions in inches and millimeters.

Front View Dimensions:

- Overall Width: 20.94 [532]
- Overall Height: 20.57 [522]
- Top Mounting Hole Spacing: 9.77 [772]
- Top Mounting Hole Diameter: 9.87 [251]
- Filter Mounting Hole Spacing: 48.31 [1227]
- Filter Mounting Hole Diameter: 29.78 [756]

Top View Dimensions:

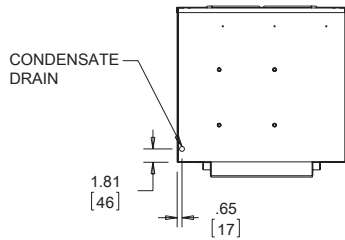
- Overall Width: 20.94 [532]
- Overall Depth: 20.57 [522]
- Mounting Hole Spacing: 15.88 [403]
- Mounting Hole Diameter: 6.68 [170]
- Mounting Hole Spacing: 2.13 [54]
- Mounting Hole Diameter: 2.13 [54]
- Low Voltage Electrical Entrance: 6.34 [161]
- Junction Box: 3.54 [90]
- Line Voltage Electrical Entrance: 43.64 [1108]
- Bottom Mounting Hole Spacing: 16.75 [425] (8X)
- Bottom Mounting Hole Diameter: 1.70 (2X) [43]

Side View Dimensions:

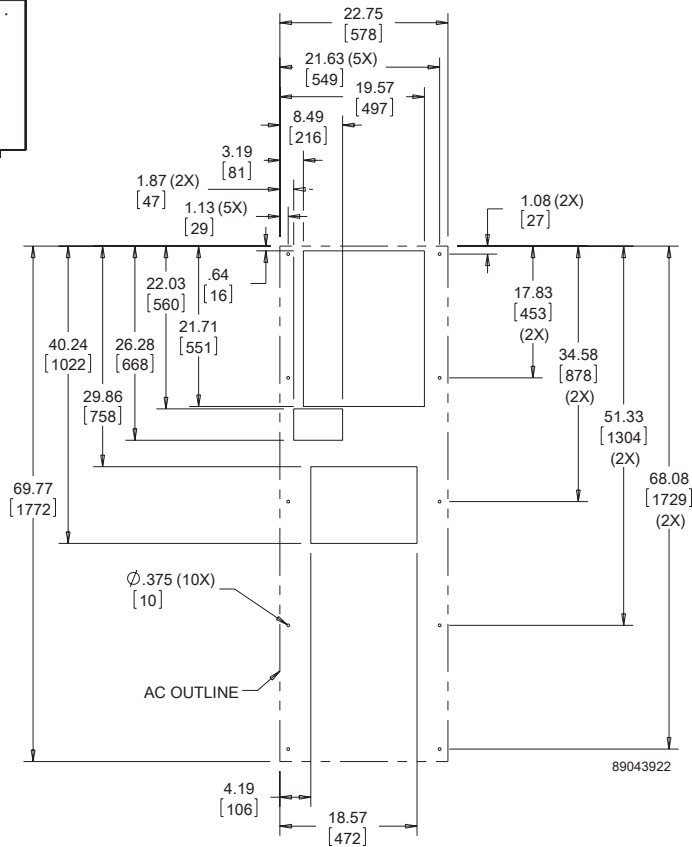
- Overall Height: 20.57 [522]
- Mounting Hole Spacing: 15.88 [403]
- Mounting Hole Diameter: 6.68 [170]
- Mounting Hole Spacing: 2.13 [54]
- Mounting Hole Diameter: 2.13 [54]
- Low Voltage Electrical Entrance: 6.34 [161]
- Junction Box: 3.54 [90]
- Line Voltage Electrical Entrance: 43.64 [1108]
- Bottom Mounting Hole Spacing: 16.75 [425] (8X)
- Bottom Mounting Hole Diameter: 1.70 (2X) [43]

Enclosure Features:

- 1/4-20 MOUNTING (10X)
- CLEANABLE, REUSABLE, ALUMINUM AIR FILTER
- ENCLOSURE AIR IN
- ENCLOSURE AIR OUT
- AMBIENT AIR IN
- AMBIENT AIR OUT
- LOW VOLTAGE ELECTRICAL ENTRANCE
- JUNCTION BOX
- LINE VOLTAGE ELECTRICAL ENTRANCE



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



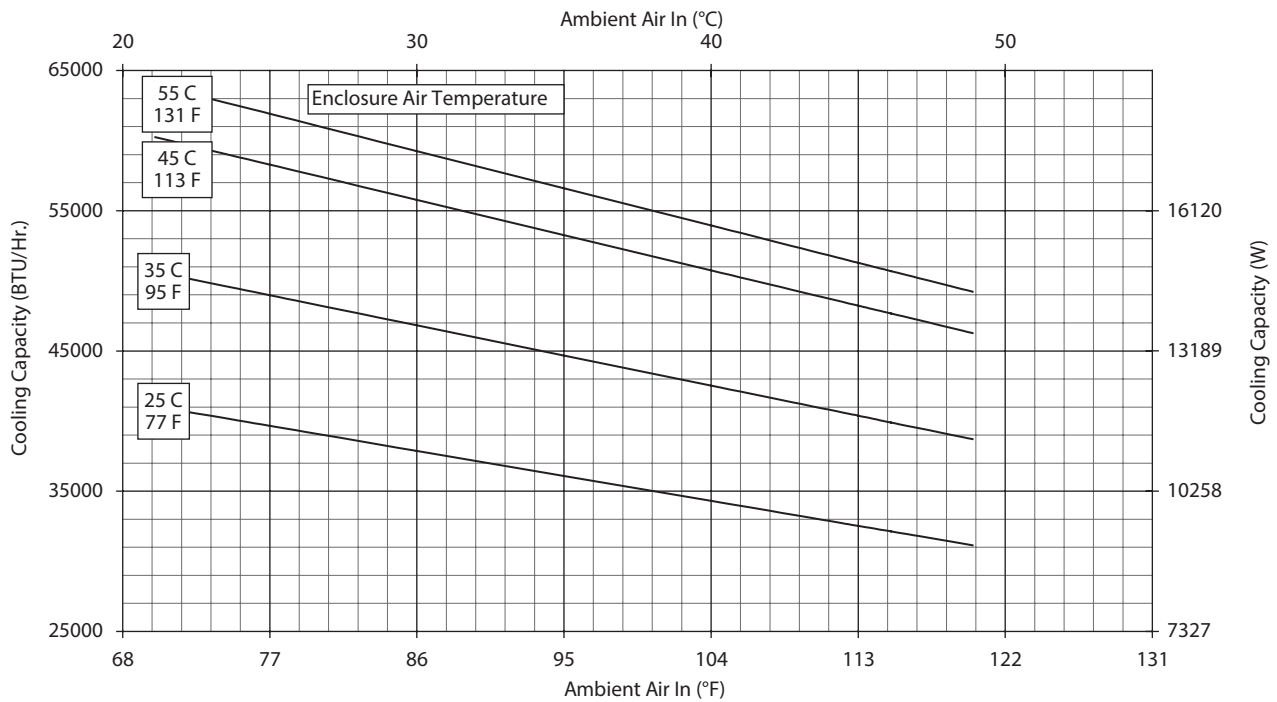
Cutout Dimensions

PERFORMANCE DATA T70-60 59000 BTU/HR. (17287 WATT) MODELS

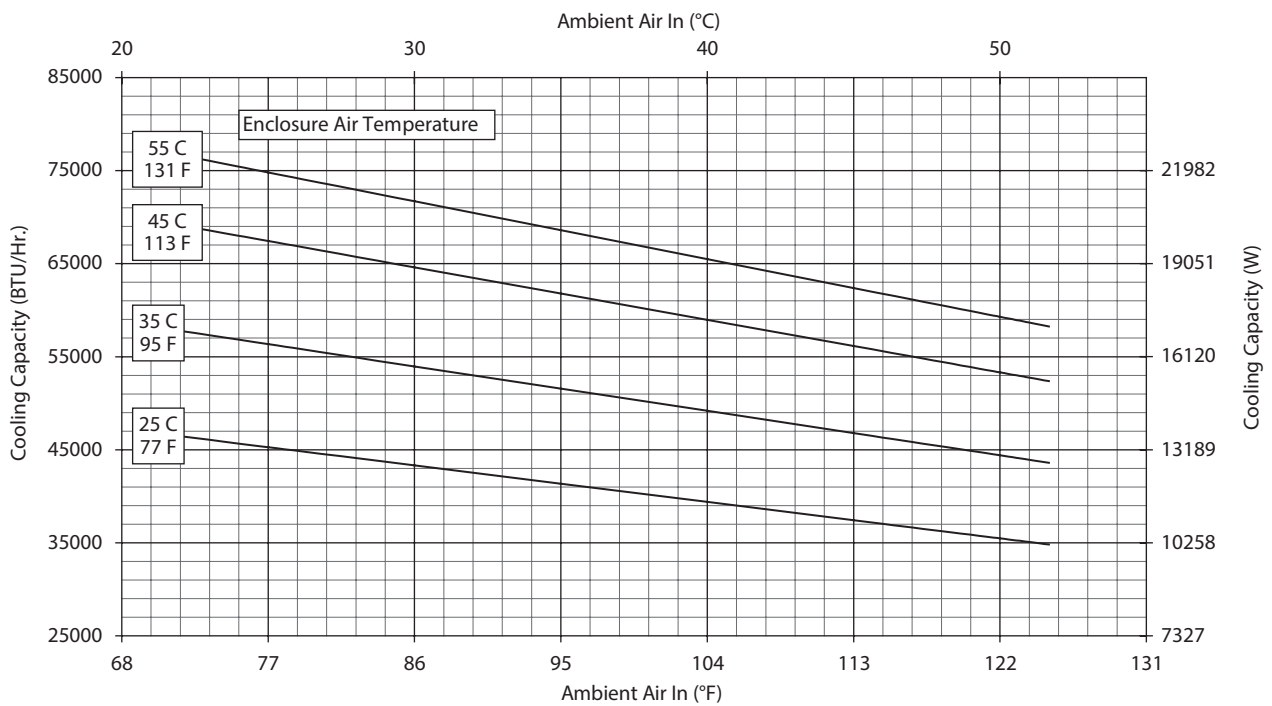
Item number	T706026G150	T706046G400
COOLING PERFORMANCE		
Nominal:		
BTU/Hr.	51900/60000	
Watt	15210/17584	
At 122 °F/122 °F (50 °C/50 °C):		
BTU/Hr. (50/60 Hz)	51900/60000	
W (50/60 Hz)	15210/17584	
At 95 °F/95 °F (35 °C/35 °C):		
BTU/Hr. (50 /60 Hz)	47122/54500	
W (50/60 Hz)	13810/15972	
Refrigerant	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 / m3/hr.)	1510/2565	
External loop 50 Hz (CFM / m3/hr.)	2716/4614	
Internal loop 60 Hz (CFM / m3/hr.)	1629/2767	
External loop 60 Hz (CFM / m3/hr.)	2931/4979	
Max. Heater W (Outdoor Models)		
ELECTRICAL DATA		
Rated Voltage	200/230	420/460
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 EAC Others available upon request	
Power Input Description	Terminal block	
ENCLOSURE PROTECTION		
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	Mechanical thermostat	
CONTROLLER		
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)	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)

T70-60X6-GXXX R-407c Capacity Curves 50 Hz



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



T70 Models 59000 BTU/Hr. (17287 Watt)

