T-SERIES MID-SIZE OUTDOOR

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
- Fbtz. npvou!åbohft!gps!tjnqmf!jotubmmbujpo
- Dmfbodmf-!sfvtbcmf!bmv njovn!nft i!Åmufs!qspufdut!dpjmt!gps! 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

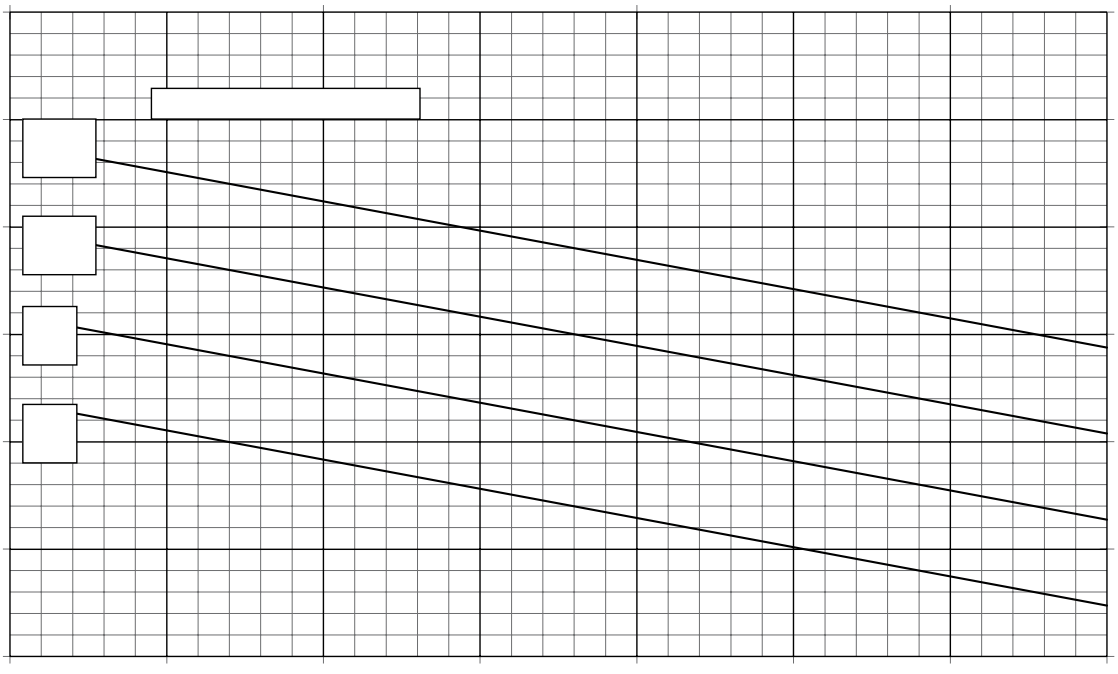
OPTIONS

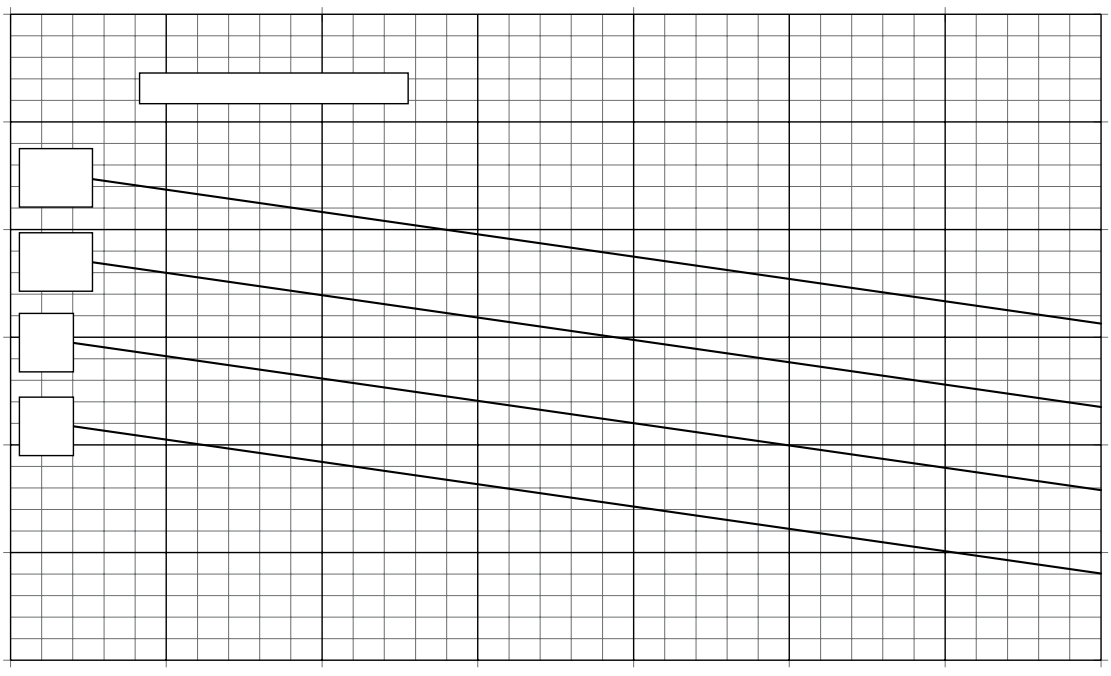
- Thermostat Malfunction Package
- Special Voltage Package
- Outdoor Package
- Harsh Environment Package*
- Stainless Steel Package*
- Heater Package

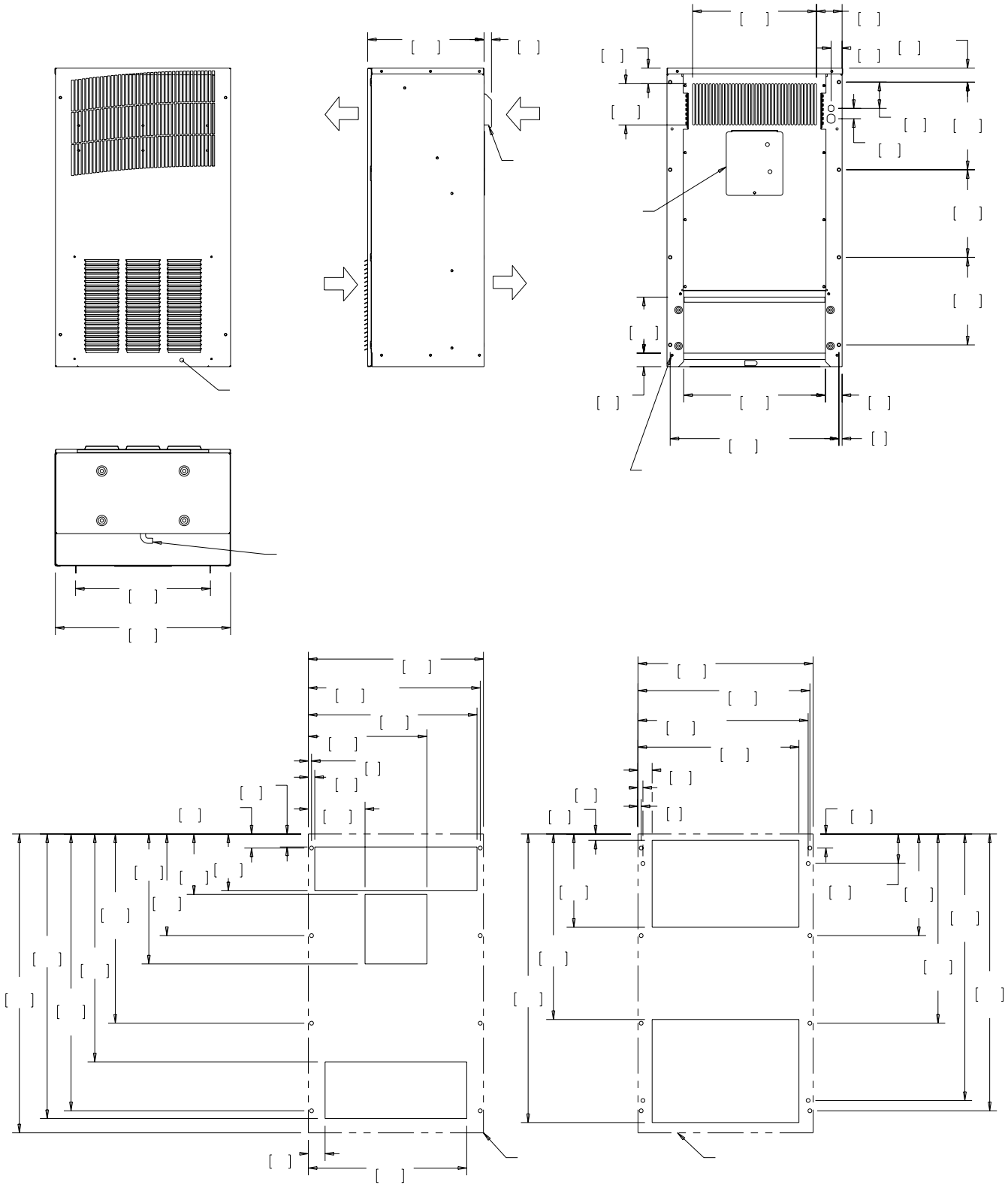
* PROAIR Harsh Environment air conditioner may be more appropriate. Refer to PROAIR Harsh Environment air conditioner catalog section. Consult the Factory for availability and catalog number.

Performance Data/ S18 3/ / / AST.Gq- '0062 V`ss(L ncdkr

B@S@KNF MT L ADQ			
Outdoor Model without Heat Pkg.	**T290416G100**	**T290426G100**	**T290446G400**
Outdoor Model with Heat Pkg.	**T290416G150**	**T290426G150**	**—**
Outdoor Model/SST/Corrosion/4X	**T290416G159**	**T290426G161**	**—**
Outdoor Model/SST/Corrosion/4X/Heater	**T290416G156**	**T290426G160**	**T290446G403**
COOLING PERFORMANCE			
Mn I hm`k9			
AST.Gq-	**25/ /.3/ / /**	**25/ /.3/ / /**	**25/ /.3/ / /**
V`ssr	**0/44.0061**	**0/44.0061**	**0/44.0061**
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 / m^3/hr.)	**172/292**	**172/292**	**172/292**
External loop 50 Hz (CFM / m^3/hr.)	**195/331**	**195/331**	**195/331**
Internal loop 60 Hz (CFM / m^3/hr.)	**205/348**	**205/348**	**205/348**
External loop 60 Hz (CFM / m^3/hr.)	**235/399**	**235/399**	**235/399**
Max. Heater W (Outdoor Models)	**1000**	**1000**	
ELECTRICAL DATA			
Q`sdc Unks`fd	**004**	**12/**	**35/U 0OG**
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	**UL/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**		
CONTROLLER			
Description	**Basic mechanical thermostat**		
Thermostat Location	**Enclosure side on all base models**		
Factory Thermostat Setting (°F/°C)	**80/27**		
RNTMC KDUDK			
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**







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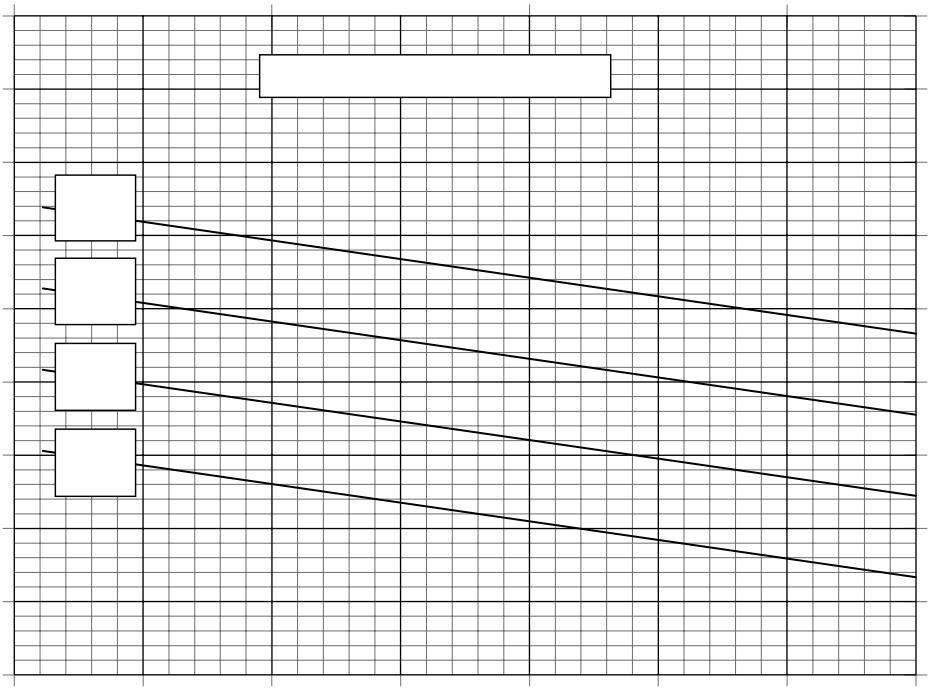
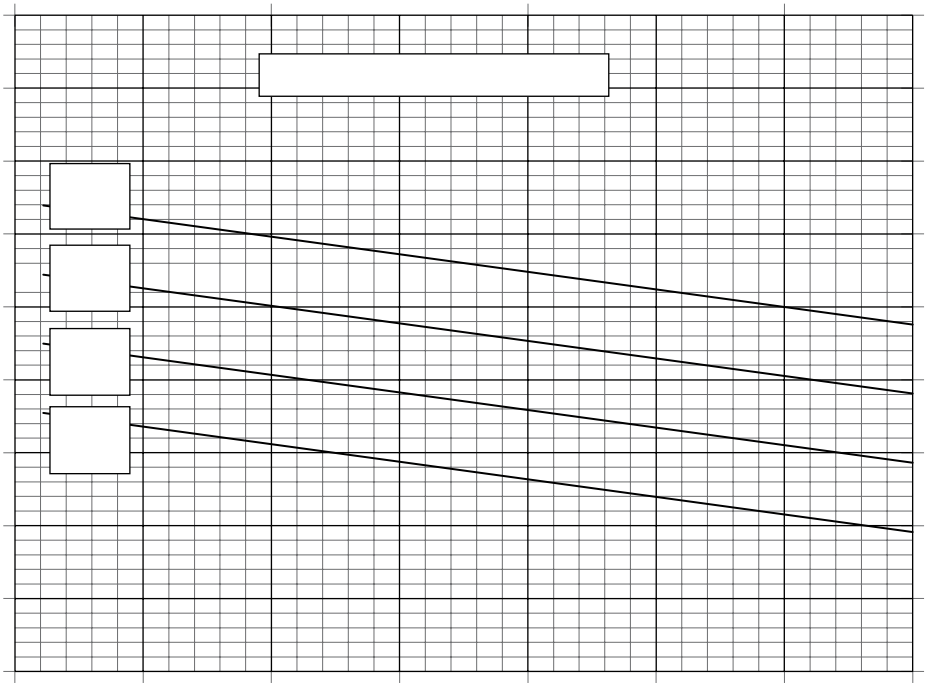
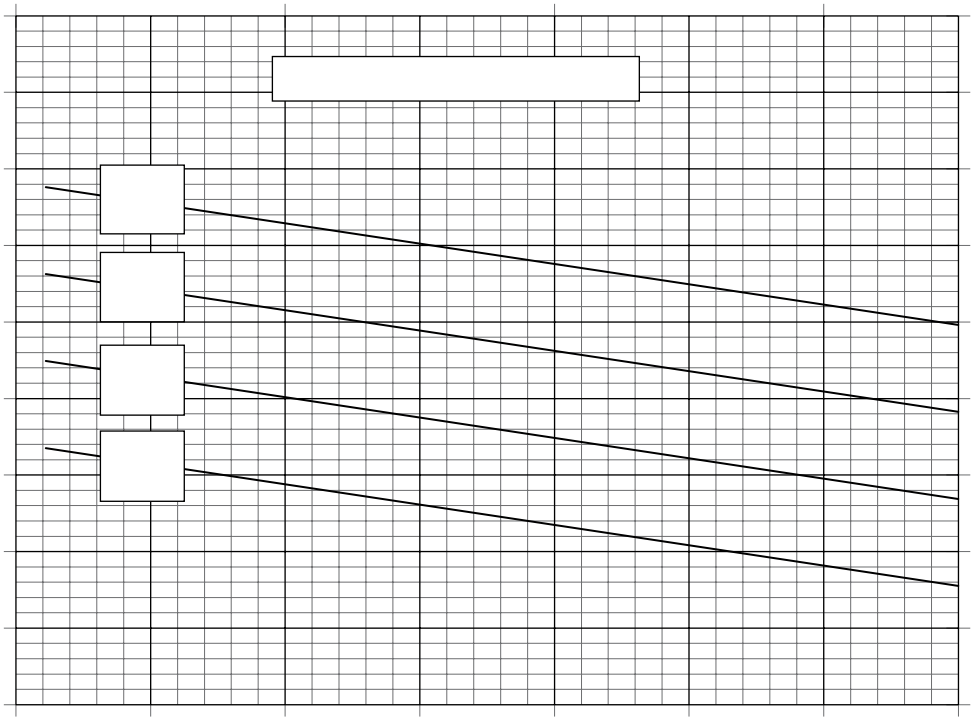
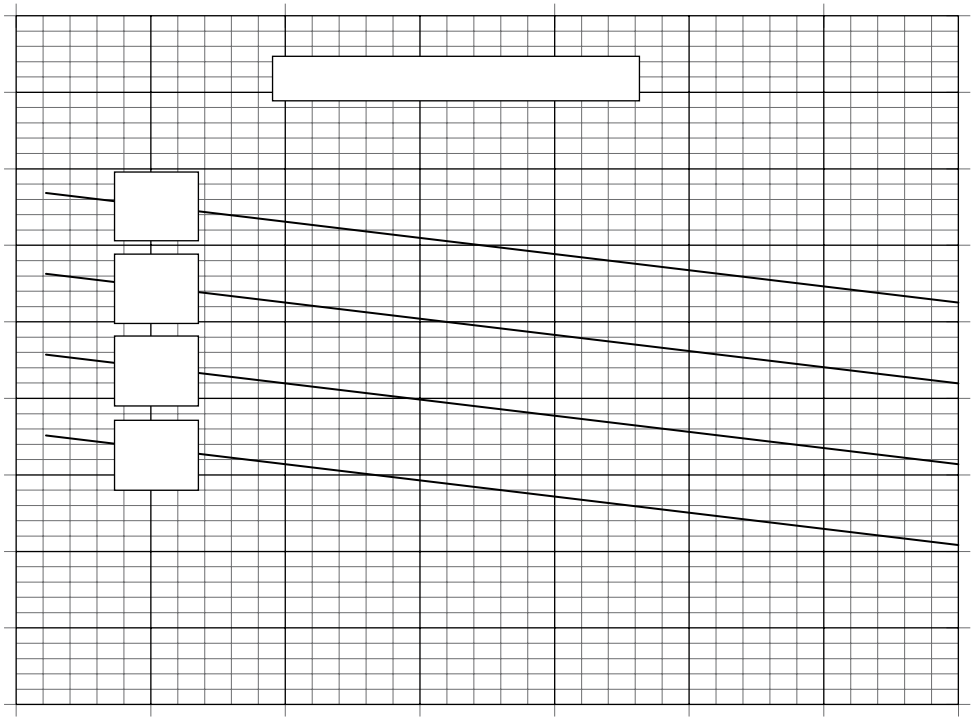
Performance Data¢ S32 5/ / / AST.Gq- '0647 V`ss(Lncdkr

B@S@KNF MTL ADQ			
Outdoor Model without Heat Pkg.	T430616G100	T430626G100	T430646G400
Outdoor Model with Heat Pkg.	T430616G150	T430626G150	T430626G153
Outdoor Model/SST/Corrosion/4X	T430616G102	T430626G159	—
Outdoor Model/SST/Corrosion/4X/Heater	—	—	—
COOLING PERFORMANCE			
Mn I hm`k9			
AST.Gq-	5/7/.52/2	53//.55//	53//.55//
V`ssr	0671.0735	0765.0823	0765.0823
At 131 F/131 F (55 C/55 C):			
BTU/Hr. (50/60 Hz)	6080/6300	6415/6607	6415/6607
W (50/60 Hz)	1782/1847	1880/1936	1880/1936
At 95 F/95 F (35 C/35 C):			
BTU/Hr. (50 /60 Hz)	5224/5474	5269/5572	5269/5572
W (50/60 Hz)	1531/1604	1544/1633	1544/1633
Refrigerant	R-134A	R-134A	R-134A
Refrigerant Charge (ounces/grams)	35/992	36/1021	36/1021
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 / m^3/hr.)	310/527	310/527	310/527
External loop 50 Hz (CFM / m^3/hr.)	345/586	345/586	345/586
Internal loop 60 Hz (CFM / m^3/hr.)	320/544	320/544	320/544
External loop 60 Hz (CFM / m^3/hr.)	355/603	355/603	355/603
Max. Heater W (Outdoor Models)	1000	1000	N/A
ELECTRICAL DATA			
Q`sdc Unks`fd	004	12/	35/U 0OG
Frequency (Hz)	50/60	50/60	50/60
Operating Range	+/- 10%	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	798/862	869/950	869/950
Max. Nominal Current (A at 50/60 Hz)	7.9/7.7	4.2/4.2	2.3/2.3
Starting Current (A)	39.5	21	12
Agency Approvals	UL/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	Basic mechanical thermostat		
Thermostat Location	Enclosure side on all base models		
Factory Thermostat Setting (°F/°C)	80/27		
RNTMC KDUDK			
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		



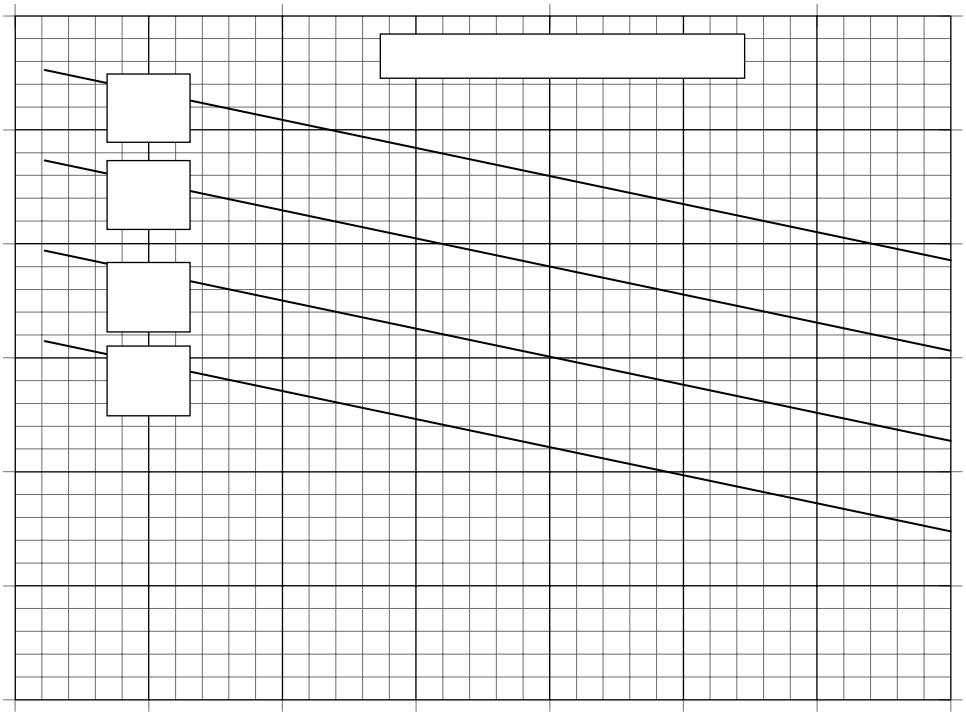


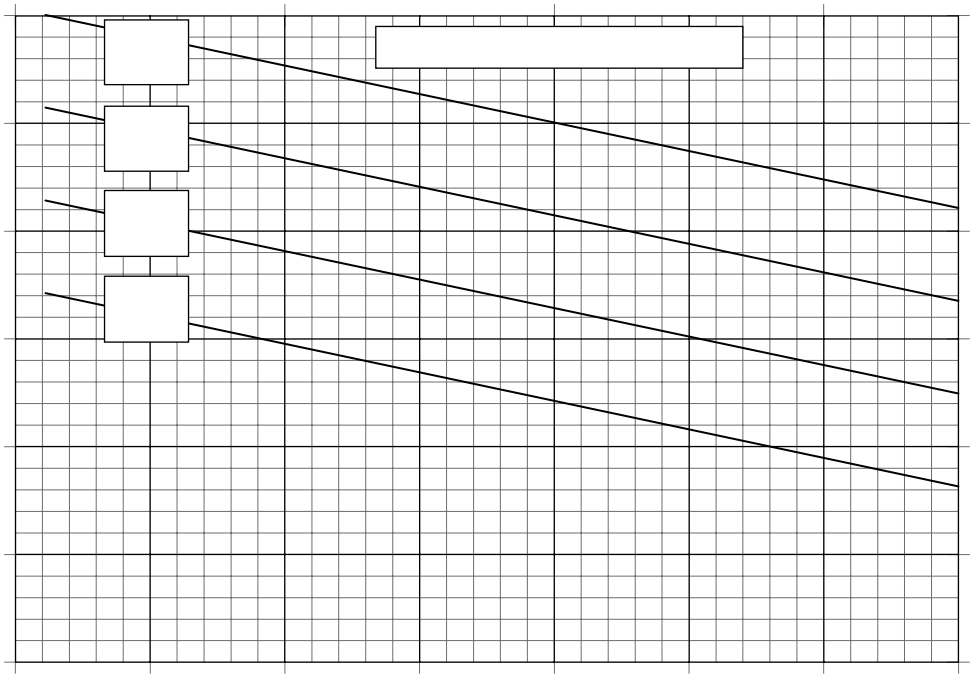


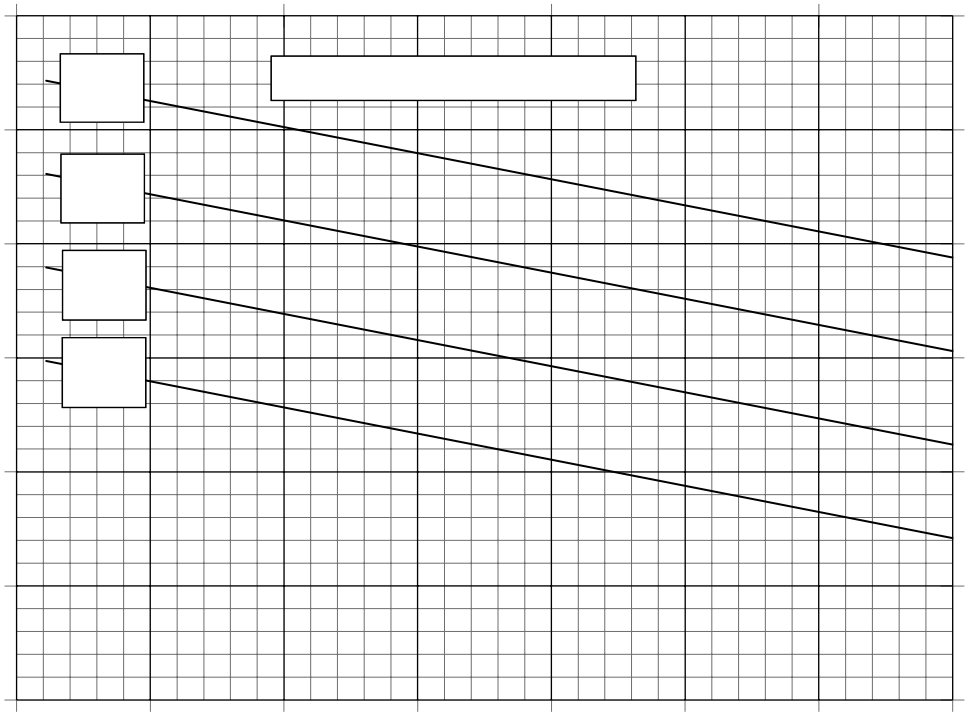


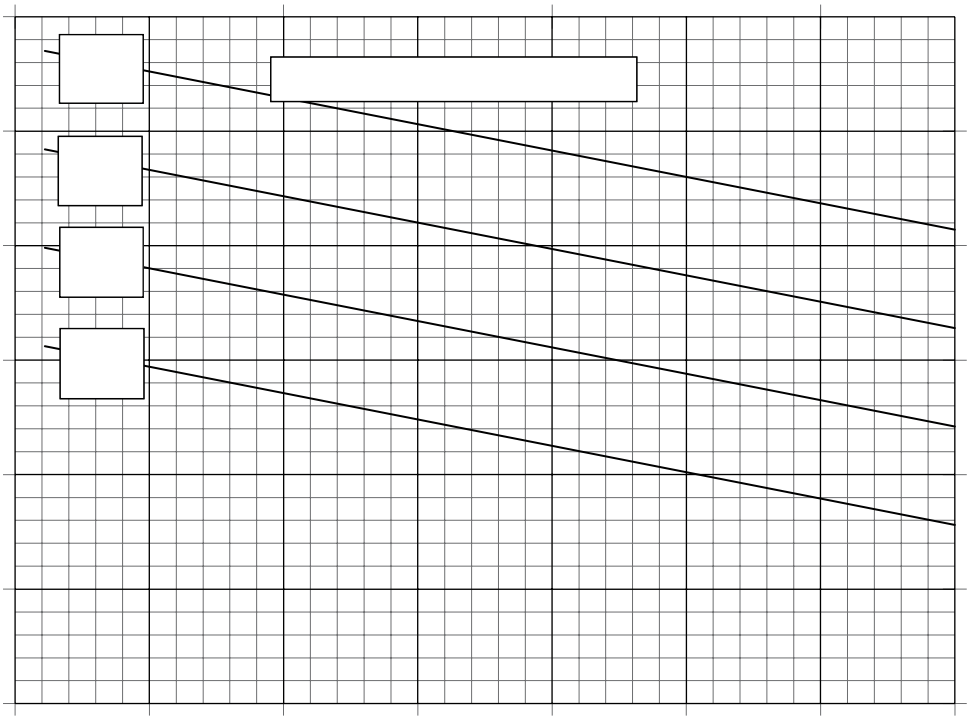
Performance Data/ S32 7/ / / AST.Gq- '1233 V`ss(L ncdkr

B@S@KNF MT L ADQ			
Outdoor Model without Heat Pkg.	T430816G100	T430826G100	T430846G400
Outdoor Model with Heat Pkg.	T430816G150	T430826G150	T430846G403
Outdoor Model/SST/Corrosion/4X	T430816G153	T430826G108	T430846G402
Outdoor Model/SST/Corrosion/4X/Heater	—	—	—
COOLING PERFORMANCE			
Mn I hm`k9			
AST.Gq-	63/ /.70/ /	65/ /.71/ /	65/ /.71/ /
V`ssr	1058.1263	1116.13/2	1116.13/2
At 131 F/131 F (55 C/55 C):			
BTU/Hr. (50/60 Hz)	7432/8149	7624/8176	7624/8176
W (50/60 Hz)	2178/2388	2234/2396	2234/2396
At 95 F/95 F (35 C/35 C):			
BTU/Hr. (50 /60 Hz)	6481/7224	6177/6711	6177/6711
W (50/60 Hz)	1899/2117	1810/1967	1810/1967
Refrigerant	R-134A	R-134A	R-134A
Refrigerant Charge (ounces/grams)	25/709	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 / m^3/hr.)	273/464	273/464	273/464
External loop 50 Hz (CFM / m^3/hr.)	365/620	310/527	310/527
Internal loop 60 Hz (CFM / m^3/hr.)	290/493	290/493	290/493
External loop 60 Hz (CFM / m^3/hr.)	409/695	315/535	315/535
Max. Heater W (Outdoor Models)	1000	1000	N/A
ELECTRICAL DATA			
Q`sdc Unks`fd	004	12/	35/U 0OG
Frequency (Hz)	50/60	50/60	50/60
Operating Range	+/- 10%	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	1084/1285	1079/1328	1079/1328
Max. Nominal Current (A at 50/60 Hz)	9.8/11.2	4.9/6.2	2.5/3.1
Starting Current (A)	38	21	11
Agency Approvals	UL/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	Basic mechanical thermostat		
Thermostat Location	Enclosure side on all base models		
Factory Thermostat Setting (°F/°C)	80/27		
RNTMC KDUDK			
At 1.5 Meters	72.2 dB(A)	65.7 dB(A)	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		



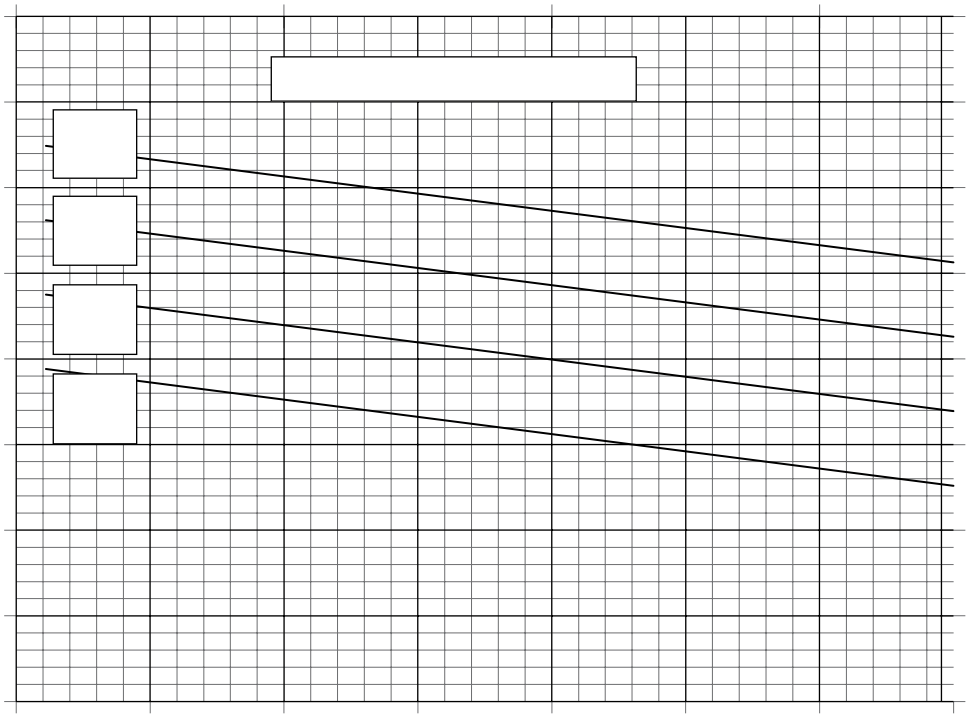


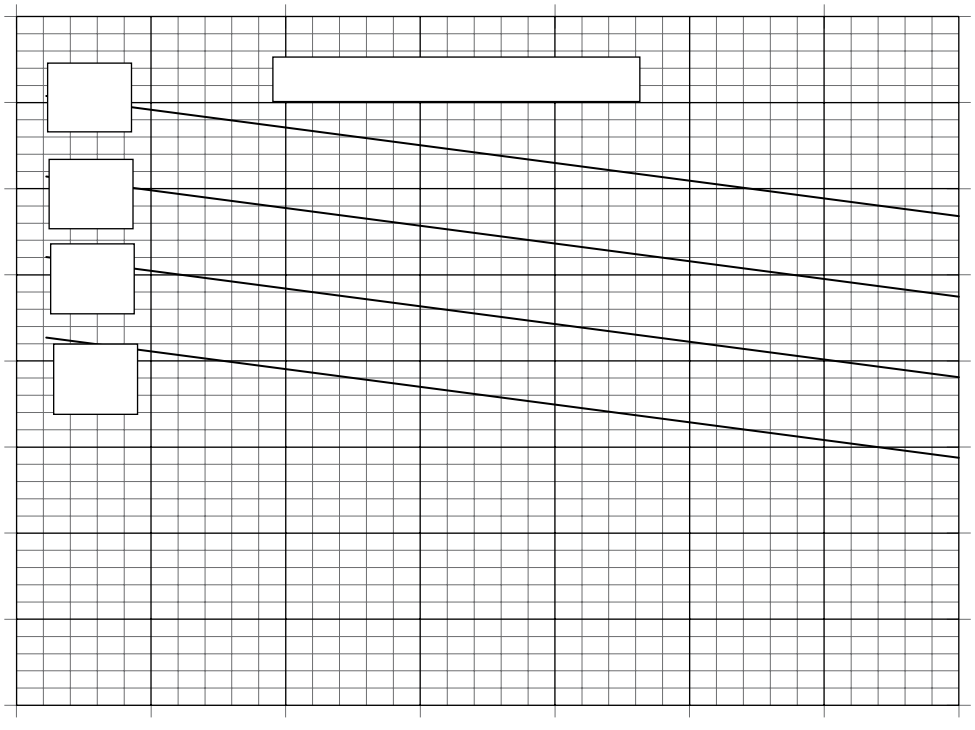


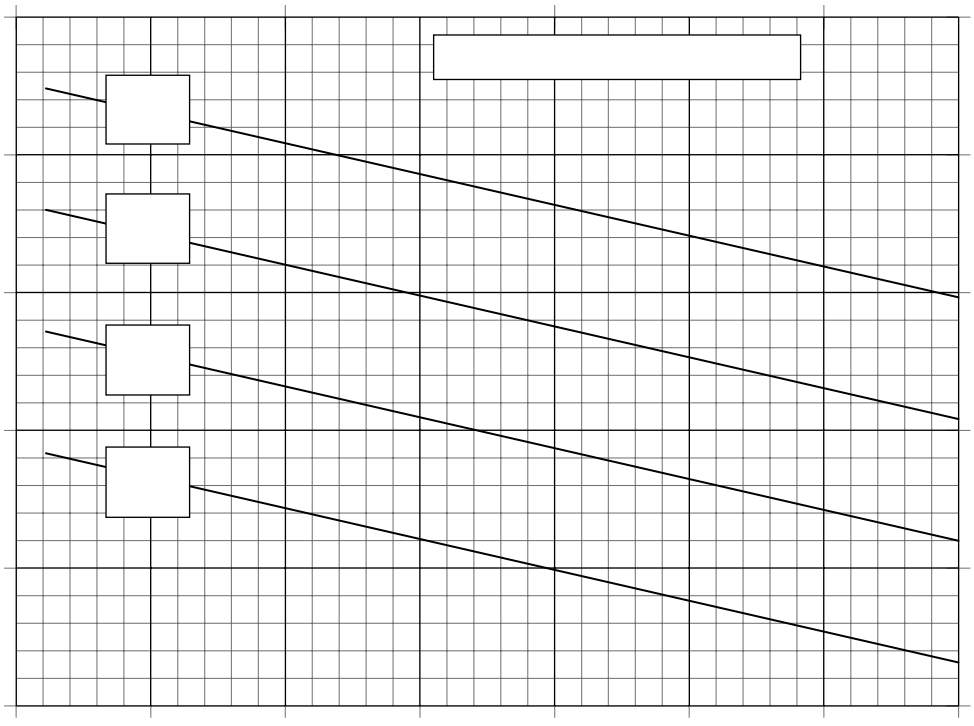


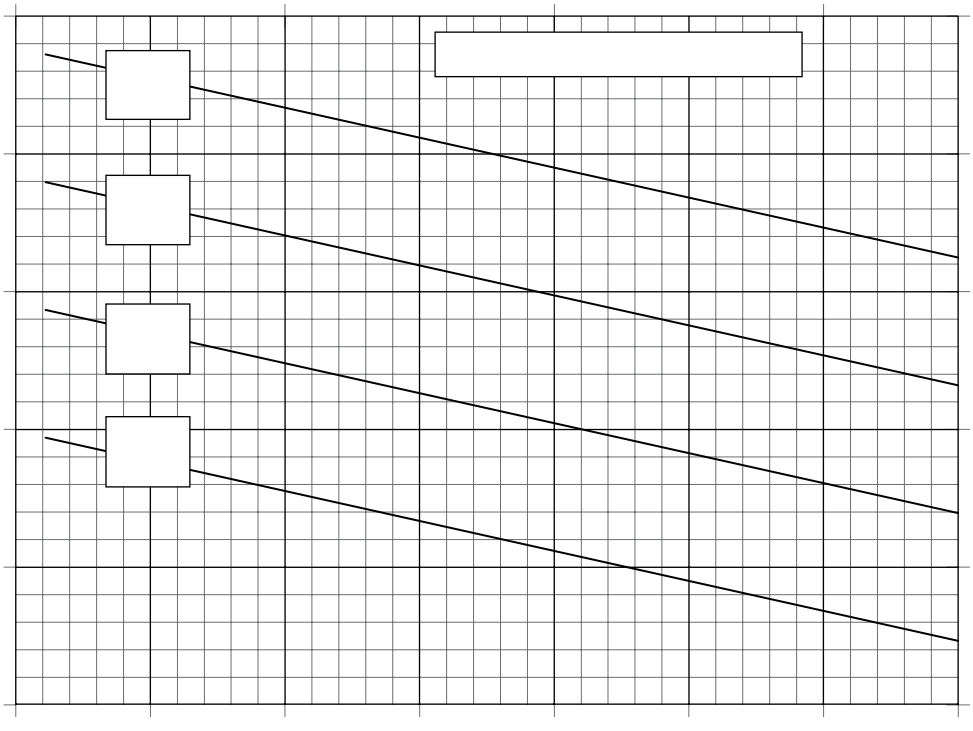
Performance Data¢ S32 0/ / / / AST.Gq- '182/ V`ss(L ncdkr

B@S@KNF MT L ADQ			
Outdoor Model without Heat Pkg.	T431016G100	T431026G100	T431046G400
Outdoor Model with Heat Pkg.	T431016G150	T431026G150	—
Outdoor Model/SST/Corrosion/4X	T431016G102	T431026G104	T431046G406
Outdoor Model/SST/Corrosion/4X/Heater	T431016G153	T431026G152	—
COOLING PERFORMANCE			
Mn I hm`k9			
AST.Gq-	0/ / / /.00/ / /	86/ /.0/1/ /	86/ /.0/1/ /
V`ssr	1820.2113	1732.1878	1732.1878
At 131 F/131 F (55 C/55 C):			
BTU/Hr. (50/60 Hz)	10093/11092	9756/10251	9756/10251
W (50/60 Hz)	2958/3251	2859/3004	2859/3004
At 95 F/95 F (35 C/35 C):			
BTU/Hr. (50/60 Hz)	8333/9298	8015/8381	8015/8381
W (50/60 Hz)	2442/2725	2349/2456	2349/2456
Refrigerant	R-134A	R-134A	R-134A
Refrigerant Charge (ounces/grams)	35/992	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 / m^3/hr.)	272/462	320/544	320/544
External loop 50 Hz (CFM / m^3/hr.)	510/866	568/965	568/965
Internal loop 60 Hz (CFM / m^3/hr.)	290/493	330/561	330/561
External loop 60 Hz (CFM / m^3/hr.)	565/960	636/1081	636/1081
Max. Heater W (Outdoor Models)	1000	1000	N/A
ELECTRICAL DATA			
Q`sdc Unks`fd	004	12/	35/U 00G
Frequency (Hz)	50/60	50/60	50/60
Operating Range	+/- 10%	+/- 10%	+/- 10%
Max. Power Consumption (W at 50/60 Hz)	1774/2350	1777/2196	1777/2196
Max. Nominal Current (A at 50/60 Hz)	16.2/21.0	7.8/9.5	4.3/5.3
Starting Current (A)	60	30	17
Agency Approvals	UL/cUL Listed CE EAC Others available upon request		cUR Recognized CE EAC
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	Basic mechanical thermostat		
Thermostat Location	Enclosure side on all base models		
Factory Thermostat Setting (°F/°C)	80/27		
RNTMC KDUDK			
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		









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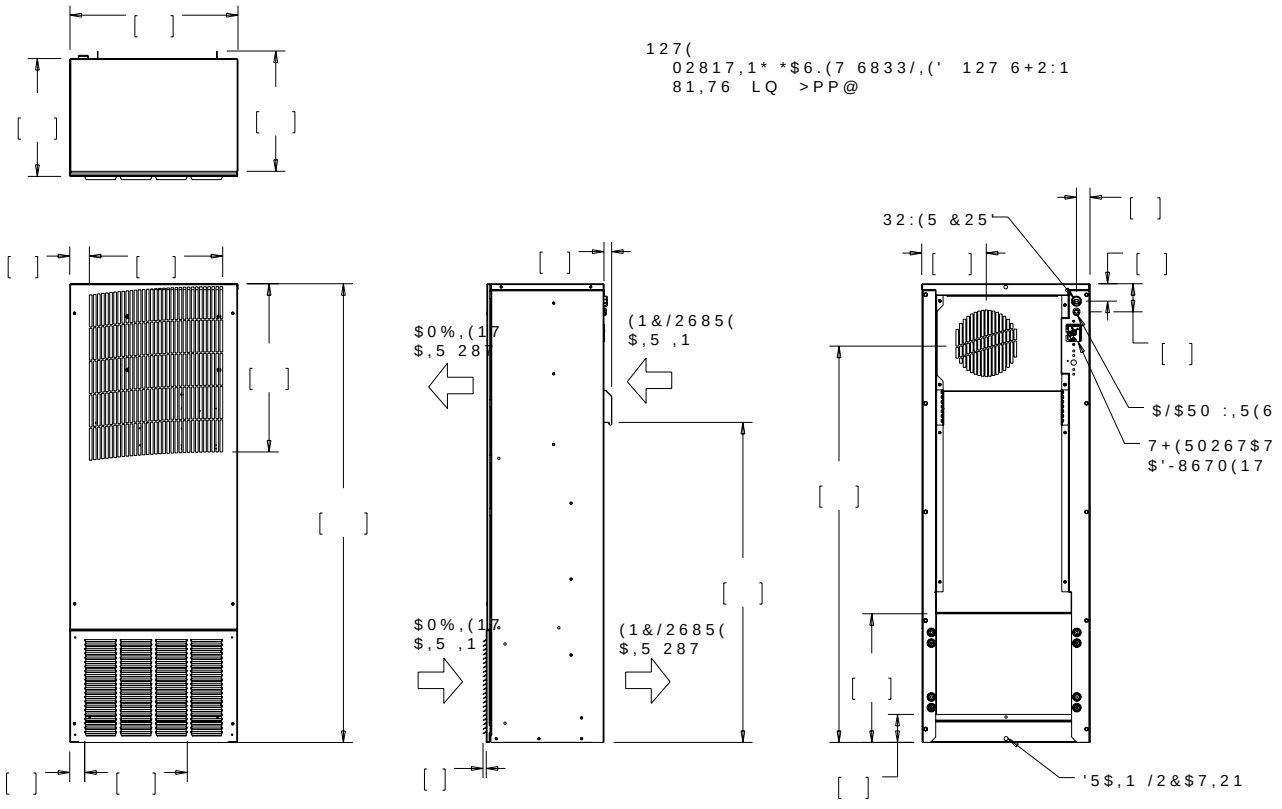

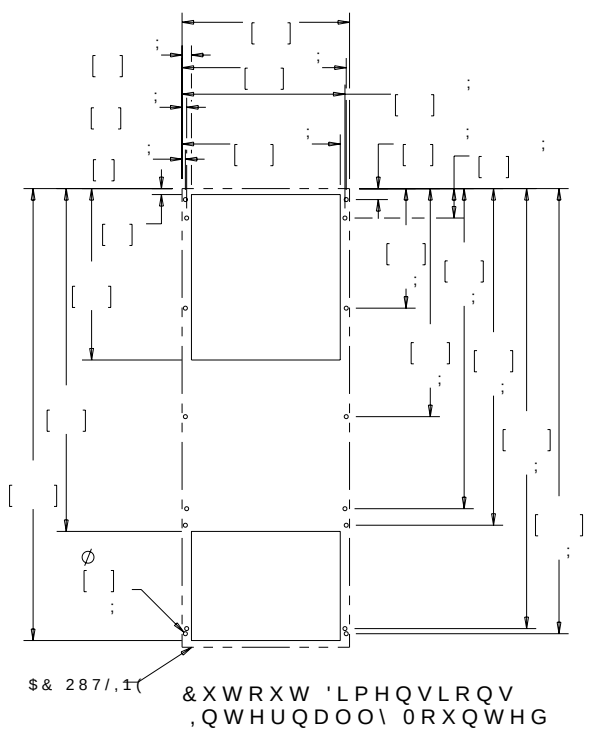

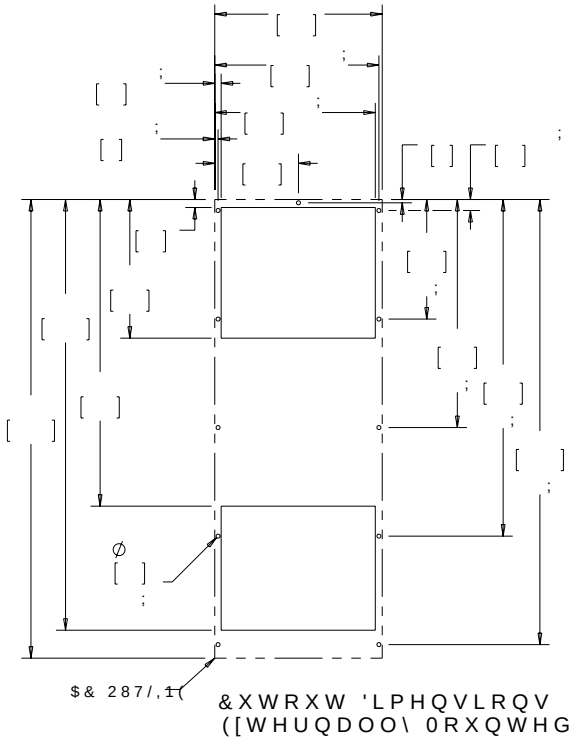

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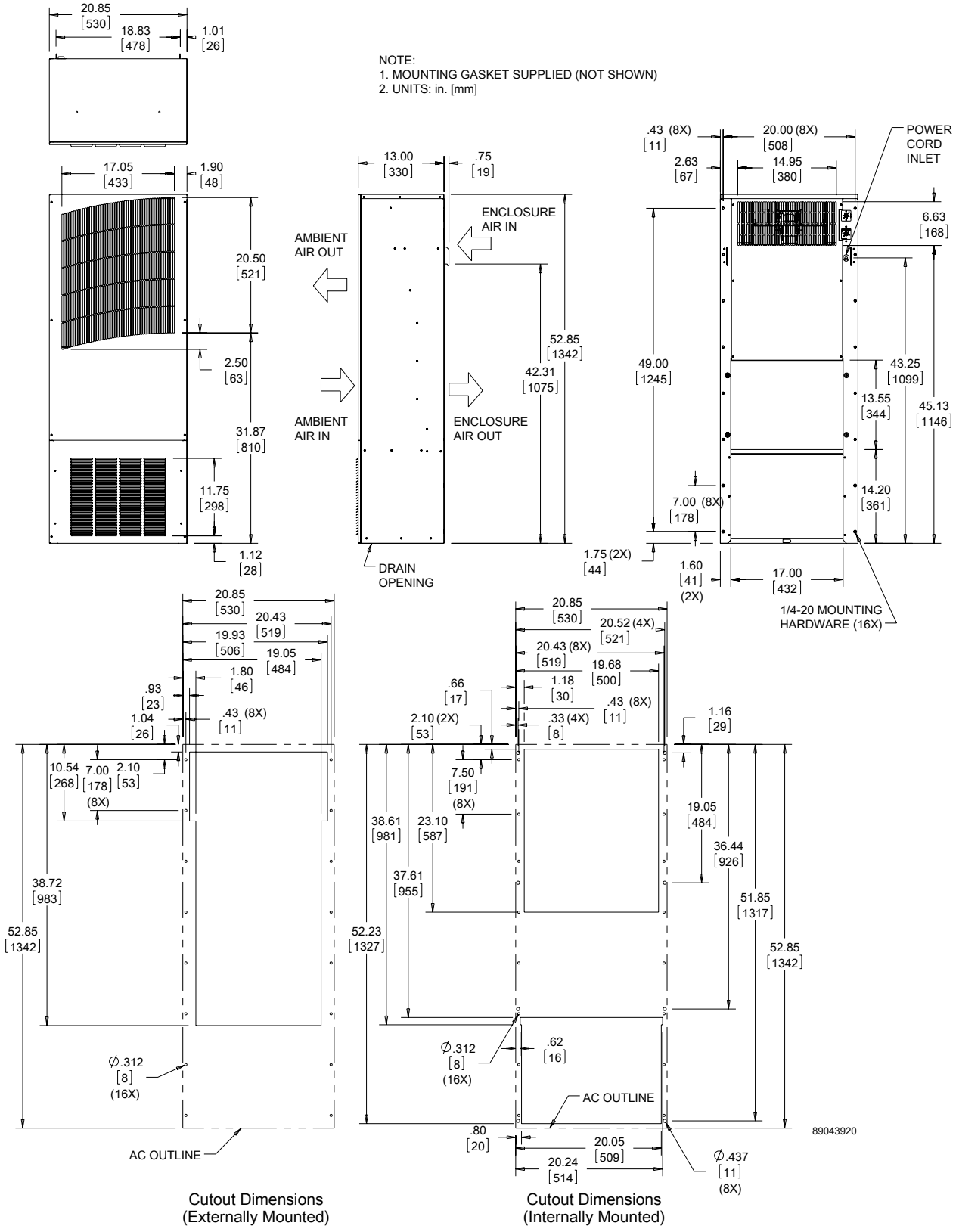
T53 Models 19000 BTU/Hr. (5567 Watt)



Cutout Dimensions (Externally Mounted)

Cutout Dimensions (Internally Mounted)

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