

# WALLMASTER® PACKAGED TERMINAL AIR CONDITIONERS



## TEC / THC FEATURES

- ◆ Super efficient, slim design.
  - ◆ Cooling efficiencies as high as 11.0 EER.
  - ◆ Contoured discharge design blends with any decor.
  - ◆ Large well-spaced switch buttons.
  - ◆ Easy to read and understand controls.
  - ◆ Control knob and buttons not removable by the user.
  - ◆ Flush floor mount capability with recessed front return.
  - ◆ Lock down front panel.
  - ◆ Even-temp heat anticipator temperature control for maximum comfort.
  - ◆ Thermostat limiter device.
  - ◆ Quiet, efficient rotary compressors mounted on vibration isolators, with internal high temperature overload protection.
  - ◆ Indoor and outdoor tangential blower wheels provide even air distribution.
  - ◆ Concealed vent control and fan cycle switch.
  - ◆ Emergency heat compressor override switch on all heat pumps.
  - ◆ Up to 420 CFM indoors for maximum air throw.
  - ◆ Two cooling and two heating fan speeds.
  - ◆ Slide-out top mount filter for easy cleaning.
  - ◆ High efficiency, PSC fan motor with permanently lubricated bearings, built-in thermal protection.
  - ◆ Isolated compressor compartment.
  - ◆ Overcurrent protection (fuse) standard on 265 volt units.
  - ◆ Efficient nichrome wire heater design for long life.
  - ◆ Draw-through condenser and evaporator coils for easier cleaning.
  - ◆ Complete line of accessories.
- ◆ **Options available:**
- Wall mounted remote thermostat.
  - Central desk control with low temperature protection.
  - Seacoast protection.

# Friedrich®



### TE SERIES AIR CONDITIONERS - COOLING PERFORMANCE

MODEL	TEC07K	TEC07R	TEC09K	TEC09R	TEC12K	TEC12R	TEC15K	TEC15R
VOLTAGE (1Ph - 60 Hz)	230/208	265	230/208	265	230/208	265	230/208	265
COOLING CAPACITY (BTUh)	6700/6500	6700	9200/9100	9200	11700/11500	11700	14400/14200	14400
POWER (WATTS)	670/650	670	815/795	815	1170/1150	1195	1565/1540	1565
CURRENT (AMPS)	3.0/3.2	2.6	3.8/4.0	3.7	5.1/5.6	4.6	7.3/7.9	6.0
EER	10.0/10.0	10.0	11.0/11.0	11.0	10.0/10.0	9.8	9.2/9.2	9.2
DEHUMIDIFICATION RATE (PTS/Hr)	1.6	1.6	2.2	2.2	3.0	3.0	4.0	4.0
SENSIBLE HEAT RATIO	.80	.80	.77	.77	.76	.76	.72	.72
LOCKED ROTOR AMPS (Compressor)	18.0	12.0	23.0	16.0	26.3	28.0	38.0	32.0
INDOOR CFM (DRY COIL - HI)	250/230	250	310/290	310	400/380	400	420/400	420
VENT CFM (HI)*	70	70	70	70	80	80	80	80
NET WEIGHT (APPROX. - LBS)	104	104	111	111	117	117	117	117
SHIPPING WEIGHT (APPROX. - LBS)	122	122	129	129	135	135	135	135

NOTE: Cooling capacity rated in accordance with ARI standard 310 at conditions of 80°F DB/67°F WB outdoor.

\* An approximate number based on laboratory tests. Actual performance may vary based on actual application.

### TH SERIES HEAT PUMPS - HEATING/COOLING PERFORMANCE

MODEL	THC07K	THC07R	THC09K	THC09R	THC12K	THC12R	THC15K	THC15R
VOLTAGE (1 Ph - 60 Hz)	230/208	265	230/208	265	230/208	265	230/208	265
<b>COOLING DATA</b>								
COOLING CAPACITY (BTUh)	6700/6500	6700	9200/9100	9200	11700/11500	11700	14300/14100	14300
POWER (WATTS)	670/650	670	815/795	815	1170/1150	1195	1555/1530	1555
CURRENT (AMPS)	3.0/3.2	2.6	3.8/4.0	3.7	5.1/5.6	4.6	7.3/7.9	6.0
EER	10.0/10.0	10.0	11.0/11.0	11.0	10.0/10.0	9.8	9.2/9.2	9.2
DEHUMIDIFICATION RATE (PTS/Hr)	1.6	1.6	2.2	2.2	3.0	3.0	4.0	4.0
SENSIBLE HEAT RATIO	.80	.80	.77	.77	.76	.76	.72	.72
LOCKED ROTOR AMPS (Compressor)	18.0	12.0	23.0	16.0	26.3	28.0	38.0	32.0
<b>HEATING DATA (REVERSING CYCLE)</b>								
HEATING CAPACITY (BTUh)	6300/6100	6300	8000/7800	8000	11300/11100	11300	13300/13100	13300
POWER (WATTS)	615/595	615	735/715	735	1035/1015	1035	1260/1240	1260
CURRENT (AMPS)	2.7/2.9	2.4	3.3/3.6	3.6	4.6/5.0	4.0	5.5/6.0	4.9
COP	3.0/3.0	3.0	3.2/3.2	3.2	3.2/3.2	3.2	3.1/3.1	3.1
INDOOR CFM (DRY COIL - HI)	250/230	250	310/290	310	400/380	400	420/400	420
VENT CFM (HI)*	70	70	70	70	80	80	80	80
NET WEIGHT (APPROX. - LBS)	106	106	113	113	119	119	119	119
SHIPPING WEIGHT (APPROX. - LBS)	124	124	131	131	137	137	137	137

NOTE: Cooling capacity rated in accordance with ARI Standard 380 at conditions of 80°F DB/67°F WB indoor and 95°F DB/75°F WB outdoor.

Heating capacity rated in accordance with ARI Standard 380 at conditions of 70°F DB/60°F WB indoor and 47°F DB/43°F WB outdoor.

\* An approximate number based on laboratory tests. Actual performance may vary based on actual application.

### TE / TH SERIES - ELECTRIC HEATING DATA

MODEL NO.	VOLTAGE	HEATER WATTS	HEATING CAPACITY (BTUh)	HEATING POWER (WATTS)	HEATING CURRENT (AMPS)	MINIMUM CIRCUIT AMPACITY	BRANCH CIRCUIT FUSE (AMPS)
TE/THC07K	230/208	2500/2050	8500/7000	2600/2150	11.4/10.4	14.1	15
	230/208	3400/2780	11600/9500	3500/2880	15.3/13.9	19.0	20
TE/THC07R	265	2500	8500	2590	9.8	12.2	15
	265	3400	11600	3490	13.2	16.4	20
TE/THC09K	230/208	2500/2050	8500/7000	2710/2260	11.5/10.5	14.3	15
	230/208	3400/2780	11600/9500	3610/2990	14.5/14.0	19.1	20
TE/THC12K	230/208	5000/4090	17000/13900	5210/4300	22.3/20.3	27.8	30
	265	2500	8500	2710	10.0	12.3	15
TE/THC09R	265	3400	11600	3610	13.4	16.6	20
	265	5000	17000	5210	19.5	24.2	30
TE/THC12R	230/208	2500/2050	8500/7000	2740/2290	11.7/10.7	14.4	15
	230/208	3400/2780	11600/9500	3640/3020	15.6/14.2	19.3	20
TE/THC15K	230/208	5000/4090	17000/13900	5240/4330	22.5/20.5	27.9	30
	265	2500	8500	2740	10.1	12.5	15
TE/THC15R	265	3400	11600	3640	13.5	16.7	20
	265	5000	17000	5240	19.6	24.3	30

NOTE: Proper sizing of PTAC/PTHP equipment is critical to its performance. Please consult your specifying engineer for recommendations.

**SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE**

**TE / TH MODEL NUMBER IDENTIFICATION GUIDE**

<b>MODEL NUMBER</b>	<b>T</b>	<b>H</b>	<b>C</b>	<b>07</b>	<b>K</b>	<b>25</b>	<b>ST</b>	<b>B</b>
<b>SERIES</b> T = T Series  A = Accessory E = Cooling with or without Electric Heat H = Heat Pump								<b>ENGINEERING CODE</b>  ST = Standard Model RT = Remote Thermostat DC = Central Desk Control SP = Seacoast Protection
<b>DESIGN SERIES</b>  <b>NOMINAL CAPACITY</b> 07 = 6,500 — 7,200 BTUh 09 = 8,500 — 9,200 BTUh 12 = 11,500 — 12,000 BTUh 15 = 14,000 — 15,000 BTUh								<b>NOMINAL HEATER SIZE</b>  (230V or 265V) 00 = No heater 25 = 2.5 KW 34 = 3.4 KW 50 = 5.0 KW
<b>VOLTAGE</b> K = 230/208V — 1 Ph — 60 Hz R = 265V — 1 Ph — 60 Hz								

NOTE: Proper sizing of PTAC/PTHP equipment is critical to its performance. Please consult your specifying engineer for recommendations.

**TE / TH EXTENDED COOLING PERFORMANCE**

MODEL NUMBER		OUTDOOR DRY BULB TEMPERATURE (DEGREES F. AT 40% R.H.)														
		75°			85°			95°			105°			115°		
		INDOOR WET BULB TEMPERATURE (DEGREES F. AT 80° F D.B.)														
		72	67	62	72	67	62	72	67	62	72	67	62	72	67	62
<b>TE/THC07</b>	BTUh	7980	7620	7170	7680	7220	6730	7310	6700	6170	6860	5980	5600	6030	5060	4670
	WATTS	560	555	550	610	605	600	675	670	665	730	725	720	785	780	775
	AMPS*	2.5	2.5	2.5	2.7	2.7	2.7	3.0	3.0	3.0	3.2	3.2	3.2	3.5	3.5	3.5
	SHR**	.52	.71	.96	.53	.76	.97	.54	.80	.96	.55	.87	.97	.60	.92	.94
<b>TE/THC09</b>	BTUh	10870	10200	9440	10440	9700	8940	9950	9200	8200	9150	8250	7450	8200	7200	6380
	WATTS	700	690	685	760	755	750	825	815	810	890	880	865	955	950	945
	AMPS*	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	4.3	4.3	4.3
	HR**	.54	.72	.98	.55	.74	.95	.56	.77	.97	.57	.82	.98	.58	.90	.98
<b>TE/THC12K</b> (230/208V)	BTUh	13540	13110	12200	12650	11990	11200	12280	11700	10080	11500	10370	8930	10090	8920	8060
	WATTS	930	960	985	1015	1040	1065	1165	1170	1175	1250	1255	1260	1370	1385	1395
	AMPS*	4.3	4.3	4.3	4.5	4.5	4.5	5.1	5.1	5.1	5.5	5.5	5.5	6.0	6.0	6.0
	SHR**	.53	.72	.96	.53	.73	.99	.54	.76	.97	.57	.79	.98	.58	.86	.98
<b>TE/THC12R</b> (265V)	BTUh	13540	13110	12200	12650	11990	11200	12280	11700	10080	11500	10370	8930	10090	8920	8060
	WATTS	955	980	1005	1040	1060	1080	1190	1195	1200	1275	1280	1290	1400	1415	1425
	AMPS*	3.9	3.9	3.9	4.1	4.1	4.1	4.6	4.6	4.6	5.0	5.0	5.0	5.4	5.4	5.4
	SHR**	.53	.72	.96	.53	.73	.99	.54	.76	.97	.57	.79	.98	.58	.86	.98
<b>TEC15</b>	BTUh	17010	16330	14810	16330	15350	13820	15660	14400	12540	14630	13060	11060	13360	11500	9490
	WATTS	1280	1310	1330	1390	1410	1440	1560	1565	1570	1700	1700	1715	1870	1860	1885
	AMPS*	5.9	6.0	6.2	6.5	6.6	6.7	7.2	7.3	7.4	7.9	7.9	8.0	8.6	8.6	8.7
	SHR**	.51	.69	.93	.53	.71	.95	.52	.72	.99	.52	.75	.99	.54	.79	.99
<b>THC15</b>	BTUh	16890	16220	14710	16220	15240	13720	15550	14300	12450	14530	12970	10980	13270	11420	9420
	WATTS	1270	1305	1320	1380	1405	1430	1550	1555	1560	1690	1690	1705	1860	1850	1875
	AMPS*	5.9	6.0	6.2	6.5	6.6	6.7	7.2	7.3	7.4	7.9	7.9	8.0	8.6	8.6	8.7
	SHR**	.51	.69	.93	.53	.71	.95	.52	.72	.99	.52	.75	.99	.54	.79	.99

RATING POINT

\* 230V only; use ratio from rating condition for other voltages.

\*\* Sensible Heat Ratio

**SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE**

### TH EXTENDED HEATING PERFORMANCE

Model Number	OUTDOOR DRY BULB TEMPERATURE (DEGREES F)**					
		37	42	47	52	57
THC07	BTUh	5250	5540	6300	6900	7620
	WATTS	580	590	615	625	660
	AMPS*	2.6	2.7	2.7	2.8	2.9
THC09	BTUh	5930	6320	8000	8540	9130
	WATTS	660	670	735	740	750
	AMPS*	3.2	3.2	3.3	3.3	3.4
THC12	BTUh	8160	9010	11300	11910	12920
	WATTS	905	940	1035	1065	1100
	AMPS*	4.1	4.2	4.6	4.8	5.0
THC15	BTUh	10530	10850	13300	14550	15940
	WATTS	1160	1175	1260	1335	1395
	AMPS*	5.0	5.1	5.5	5.8	6.0

\* 230V only; use ratio from rating condition for other voltages.

\*\* Indoor temperature at 70°F D.B.

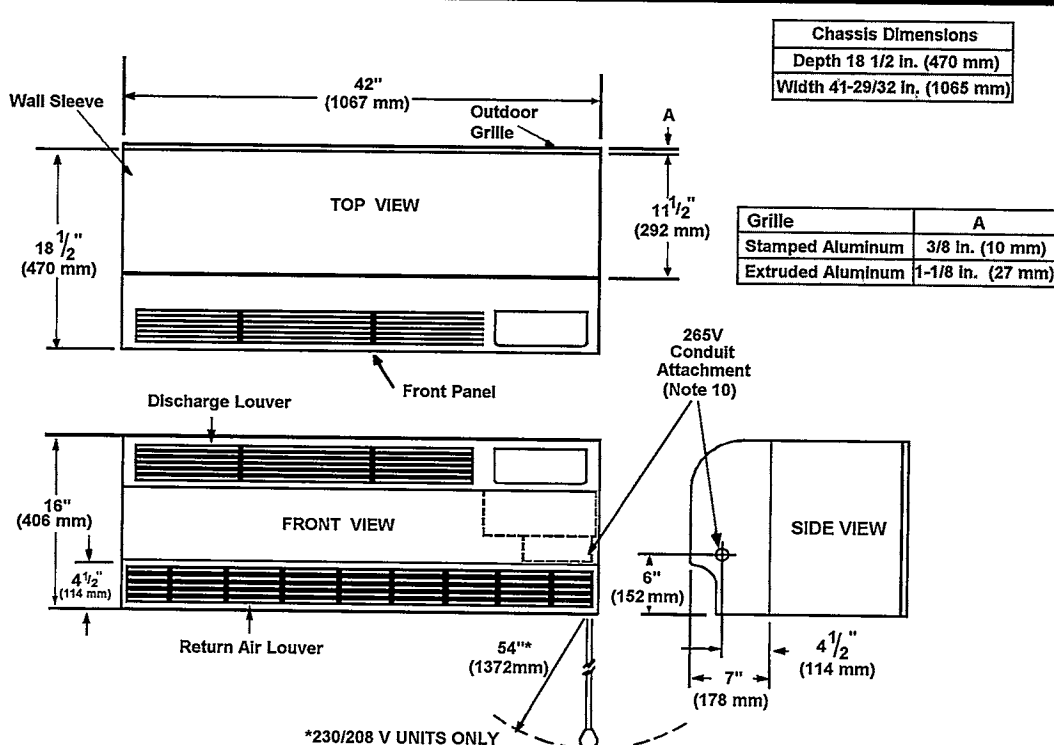
**RATING  
POINT**

### (TE / TH) ENTERING INDOOR AIR CORRECTION FACTORS FOR COOLING

Entering Indoor D.B. F°	Correction Factor	Entering Indoor Wet Bulb F°						
		59	61	63	65	67	69	71
70	Total Cap. Mult.	<b>.90</b>	.93	.96	.99	1.02	—	—
	Sens Cap. Mult.	<b>.84</b>	.83	.91	.77	.70	—	—
75	Total Cap. Mult.	.89	.92	<b>.95</b>	.98	1.01	1.04	—
	Sens Cap. Mult.	1.04	1.03	<b>1.00</b>	.95	.88	.78	—
80	Total Cap. Mult.	.88	.91	.94	.97	<b>1.00</b>	1.03	1.06
	Sens Cap. Mult.	1.15	1.16	1.14	1.08	<b>1.00</b>	.89	.73
85	Total Cap. Mult.	—	.90	.93	.96	.99	1.02	<b>1.05</b>
	Sens Cap. Mult.	—	1.18	1.22	1.20	1.11	.98	<b>.81</b>

Bold Type = Approximately 50% RH

### TE / TH TYPICAL DIMENSIONS



SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE

## NOTES:

1. The recommended rough-in wall opening is 16 -1/4" (412 mm) high by 42-1/4" (1073 mm) wide.
2. The wall sleeve must be installed level side to side and front to back, and extended outdoors at least 1/4" (6 mm) for proper caulking and sealing. No fasteners are to be installed in the bottom of the sleeve.
3. The unit may be mounted flush with the floor. Any carpet and pad height should be considered to insure proper air return.
4. It is recommended that walls less than 4" (102 mm) thick use a subbase or other means of sleeve support.
5. Refer to the dimensional drawings for wall sleeve installation when a subbase or lateral duct is used.
6. The front panel is shipped with the chassis, and secures with two screws (provided).
7. **For total elimination of cooling or heat pump condensate, a condensate drain kit must be used in conjunction with an internal condensate drainage system**
8. The discharge louvers are shipped from the factory in a position to provide the maximum air circulation. The louvers can be installer/owner adjusted to provide air discharge 10° from the vertical.
9. The return air louver section is easily removed for access to the fan cycle switch, emergency heat switch and vent lever. The louver can be secured to the front panel, thereby restricting access, by installing two field-supplied screws.
10. On 265 V units, 1/2" (13 mm) conduit (factory accessory or field-supplied) attaches directly to the unit control box, with a 90° connector, to form a permanent connection. The conduit is required to meet NEC Codes.
11. All 265 volt units include time-delay cartridge fuses for overcurrent protection.
12. A freeze-up sensor on the outdoor coil of heat pump models automatically switches the unit to electric heat mode. The actual heat pump switch-over point is dependent on indoor and outdoor air flow, temperatures, humidity and unit capacity.
13. Condensate is pumped to the condenser coil where coil heat and air movement evaporate the majority of the moisture. Any excess is drained off.

## OPTIONS

The following standard options are available on a build-to-order basis and are not field-supplied. All of the 230/208 volt models are cord-connected. The 265 volt models require conduit to form a permanent connection. This conduit can be field-supplied or ordered as a separate accessory (refer to hard wire kits on the accessory list). Refer to local codes for complete electrical requirements.

NOTE: ONLY ONE OPTION PER UNIT CAN BE USED.

### Remote Thermostat "RT"

This option is to be used when the specification calls for remote, wall-mounted, temperature sensing and control. The PTAC unit includes the necessary transformer, relays, and low voltage terminal board for proper interface to the following 24 volt thermostat and thermostat sub-base combination:

TYPE	THERMOSTAT + THERMOSTAT SUBBASE	
Manual	TAT99TM	TAT99SM
Changeover	(T87F2873)	(Q539J1006)

### Central Desk Control "DC"

Central Desk Control is available on all models, and provides extra protection in areas which are not consistently occupied such as hotels and motels. When the room is unoccupied, the central desk can turn off heating and air conditioning service. While in this mode, the PTAC would be able to sense low temperatures, and

provide heat to its environment, preventing cold weather damage to facilities, contents and plumbing. Included with this PTAC option is a normally closed relay which can be wired, via a unit-mounted terminal board, to a remote central station, such as the front desk of a hotel.

Power at the PTAC controls can be interrupted from the central desk with a field-supplied 24 volt connection. Low indoor temperature protection is standard with this option. In the "unoccupied" mode, power to the PTAC controls is interrupted by the central desk control. Should the room temperature fall to 43°F, the PTAC will automatically override the central desk control and energize the fan motor and electric heater to warm the space to approximately 58°F, thus preventing possible freezing and bursting of water pipes. The PTAC then returns to the "unoccupied" mode. Full user control is restored to the PTAC once the central desk deactivates the 24 volt power supply ("occupied" mode).




### Seacoast Protection "SP"

For additional protection, when a PTAC unit is to be installed in a coastal or corrosive environment the "SP" option **is strongly recommended**. In addition to the unit's standard features, the entire outdoor coil is submerged in a specially formulated enamel coating, then oven cured for a tough, corrosion-resistant finish.

Please contact your sales representative regarding use of the seacoast protection option and seacoast protection related warranty coverage.



## UL SPECIFIED RECEPTACLE CONFIGURATIONS

NAMEPLATE RATING		WALL RECEPTACLE NUMBER	RECEPTACLE CONFIGURATION
VOLTS	MAX UNIT AMPS*		
230/208	12.0	NEMA 6-15R	
230/208	16.0	NEMA 6-20R	
230/208	24.0	NEMA 6-30R	

All 265 volt units must be permanently connected. Conduit assembly, factory or field-supplied, can be wired directly to the unit.

\* This is normally the electric heating amps, except for cooling only models.

## TE /TH ENGINEERING GUIDE SPECIFICATIONS

The supplier will furnish packaged terminal air conditioners or heat pumps in the capacities shown on the specifications. The minimum efficiency levels shall be no less than \_\_\_\_\_ EER.

Units shall be certified in accordance with ARI Standard 310 for air conditioners and ARI Standard 380 for heat pumps. All units shall be UL listed.

Basic unit dimensions shall not exceed 42 in. wide and 16 in. high. Overall depth of the unit from the rear of the wall sleeve to the front of the front panel shall not exceed 18-1/2 in. Overall depths of the unit from the rear of the wall sleeve to the front of the front panel shall not exceed 20-1/2 in. (NOTE: Deep wall sleeve extension may add up to 4 in. additional depth on all models.)

### Refrigeration System

The refrigeration system shall consist of a hermetically sealed rotary compressor that is externally mounted on vibration isolators, condenser and evaporator coils constructed of copper tubes and aluminum plate fins and capillaries as refrigerant expansion devices.

The coils shall be of a draw-through design to facilitate cleaning. The compressor and fan motor shall be located in a separate compartment that is isolated from condensate splatter.

### Air Handling Section

The indoor and outdoor fans shall consist of tangential blower wheels driven by one permanently lubricated split capacitor motor.

Air flow shall be directed into the room by a polycarbonate discharge grille that is factory preset to provide maximum air circulation into the room. The grille shall be owner adjustable to 10 degrees off the vertical. A fine mesh screen shall be used in the ventilation air stream.

### Controls

Covered controls on the top-front of the unit shall include a push button mode selector switch, rotary thermostat control and a rocker switch to select the fan speed.

The thermostat knob and the push buttons shall not be removable by the user. The buttons on the switch shall be sized and spaced to prevent the possibility of depressing two buttons at one time.

The control panel shall be easy to read and understand with the markings for the mode selection no smaller than 14 point type. International symbols shall be used. A room temperature limiting device, inaccessible to the user, shall be owner adjustable.

Restricted to the user, but accessible without removing the front panel, shall be the fan cycle switch, the vent control, and the emergency heat compressor override switch (on heat pump models). The fan cycle switch shall select continuous or intermittent fan operation, whereby the blowers cycle with the compressor or heater.

### General Construction

The wall sleeve shall be constructed of 18 ga. G90 zinc-coated steel. It shall be prepared by a process where it is zinc phosphate pretreated and sealed with a chromate rinse, then electrostatically coated with a polyester finish, and oven cured for durability. It shall be insulated for thermal efficiency. The sleeve shall be shipped with a protective weatherboard and a structural center support.

The outdoor grille shall be shipped separately. The grille shall be fabricated from stamped or extruded anodized aluminum. Louvers shall be in a horizontal pattern.

The front panel shall lock to the chassis, thereby providing a tamper-resistant design. The front panel shall have a contoured air discharge with no sharp corners. The air filter shall be a slide-out, top-mount design and removable without opening or removing the front panel.

The unit shall be capable of mounting flush with the carpet and shall possess a recessed, front return to provide toe-space clearance.

All 265 volt units shall possess an integral over-current time-delay protective device.

### Limited Warranty

First Year: Parts and labor on the entire unit. Second through Fifth year: Parts and labor on the sealed refrigeration system and Flex Drive® systems. See the warranty document for complete details.

**SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE**

## STANDARD ACCESSORIES

ITEM	DESCRIPTION	MODEL NO.
WALL SLEEVE	G-90 zinc-coated steel is prepared in an eleven step process, then electrostatically coated with a polyester finish and cured in an oven for exceptional durability. The wall sleeve is insulated for thermal efficiency.	TAX99WB
DEEP WALL SLEEVE EXTENSION	A 4 in. deep, anodized aluminum extension that attaches to the rear of the wall sleeve when the wall is greater than 11 in. thick ( 9-1/2 in. when a subbase is used, 10 in. when a lateral duct is used).	TAX04WE
OUTDOOR LOUVERS	Standard, stamped, aluminum-anodized to resist chalking and oxidation.	TAX99GA
	Architectural grilles that consist of heavy gauge 6063-T5 aluminum alloy: – Clear extruded aluminum. – Dark bronze acrylic enamel.	TAXAA42 TAXDB42
CONDENSATE DRAIN KIT	Attaches to the bottom of the wall sleeve for internal draining of condensate or to the rear wall sleeve flange for external draining. Packed in quantities of ten.	TAX99DR10
CONTROL DOOR LOCK	Lock, with 2 keys, installs quickly to restrict access to unit controls.	TAX99DL
DECORATIVE SUBBASE	Provides unit support for walls less than 4 in. thick. Includes leveling legs, side filler panels and mounting bracket for accessory electrical receptacle. Accepts circuit breaker, power disconnect switch, conduit kit or electrical receptacle.	TAX99SB
CONDENSER BAFFLE KIT	Air baffle that quickly attaches to the condenser coil to provide proper air separation when the unit is installed in one of the following sleeves: General Electric (metal or plastic), Carrier (metal or plastic), Amana/Trane, or McQuay N-series.	TAX99BK1
POWER DISCONNECT SWITCH	A two-pole switch that easily installs in the subbase of 230/208 V or 265 V units. (TAX99SB subbase required.)	TAX99DS
CONDUIT KIT WITH JUNCTION BOX	Hard wire conduit kit with junction box for 265 V unit (subbase not required). Kit includes a means of quick disconnect for easy removal of the chassis.	TAX99CJ
THERMOSTAT	Honeywell 24 V wall mounted thermostat (requires the appropriate Thermostat Subbase below): – Manual changeover (T87F2873)	TAT99TM
THERMOSTAT SUBBASE	Honeywell 24 V subbase. – Manual changeover (Q539J1006)	TAT99SM
LATERAL DUCT ADAPTER (Requires Lateral Duct Extension TAX99DE)	Attaches to the PTAC/PTHP unit and provides a transition to direct up to 35% of the total CFM to a secondary room either left or right of the unit. Kit includes duct plenum, with discharge grille and internal baffle, adapter, end cap and secondary room outlet grille with 2-way deflection.	TAX99DA
LATERAL DUCT EXTENSION	A three foot insulated plenum that attaches to the left or right side of the duct adapter. The extension can be cut to length by the installer. Maximum allowable straight extension is fifteen feet.	TAX99DE

**LIMITED WARRANTY**

# **WALLMASTER® PACKAGED TERMINAL AIR CONDITIONERS AND HEAT PUMPS**

**SAVE THIS CERTIFICATE. It gives you specific legal rights, and you may also have other rights which may vary from state to state and province to province.**

In the event your unit needs servicing, contact your nearest authorized service center. When requesting service, please have the model and serial number from your unit readily available. If you do not know the nearest service center, ask the company that installed your unit or contact us - see address and telephone number below.

Fill in the installation date, model and serial number of the unit in the space provided below and retain this warranty for your files. **Unless specified otherwise herein, the following applies:**

### ***PACKAGED TERMINAL AIR CONDITIONERS AND HEAT PUMPS***

**LIMITED WARRANTY — FIRST YEAR (Eighteen (18) months from the original date of purchase or twelve (12) months from installation).** Any defect in the unit's materials or workmanship will be repaired or replaced free of charge by our authorized service center during normal working hours; and

**LIMITED WARRANTY — SECOND THROUGH FIFTH YEAR (Sixty-six (66) months from the date of purchase or sixty (60) months from the date of installation, whichever comes first) ON THE SEALED REFRIGERATION SYSTEM AND THE FLEX-DRIVE® SYSTEM.** Any part of the sealed refrigeration system, for the T Series, and the Flex-Drive® System that is defective in material or workmanship will be repaired or replaced free of charge by our authorized service center during normal working hours. The sealed refrigeration system consists of the compressor, metering device, evaporator, condenser, reversing valve, check valve, and inter-connecting tubing. The Flex-Drive® System consists of the polyurethane belt and the blower pulleys.

**These warranties apply only while the unit remains at the original site and only to units installed inside the continental United States, Alaska, Hawaii, Puerto Rico and Canada. The warranty applies only if the unit is installed and operated in accordance with the printed instructions and in compliance with applicable local installation and building codes, and good trade practices.**

**For International Warranty Information, contact the Friedrich Air Conditioning Company - International Division.**

Reasonable proof must be presented to establish the original purchase date, otherwise the beginning date of this certificate will be considered to be our shipment date plus sixty days. Replacement parts can be new or remanufactured. Replacement parts and labor are only warranted for any unused portion of the unit's warranty.

**We will not be responsible for and the user will pay for:**

1. Service calls to:  
(a) instruct on unit operation, (b) replace house fuses or correct house wiring, (c) clean or replace air filters, (d) remove the unit from inaccessible locations, and/or (e) correct improper installations.
2. Parts or labor provided by anyone other than an authorized service center.
3. Damages caused by:  
(a) accident, abuse, negligence, misuse, riot, fire, flood, or Acts of God, (b) operating the unit where there is a corrosive atmosphere containing chlorine, fluorine, or any other damaging chemicals (other than in a normal residential environment), (c) unauthorized alteration or repair of the unit, which in turn affects its stability or performance, (d) failing to provide proper maintenance and service, (e) using other than a "Seacoast Protected" unit in a coastal environment, (f) using an incorrect power source, and (g) faulty installation or application of the unit.

**We shall not be liable for any incidental, consequential, or special damages or expenses in connection with any use or failure of this unit. We have not made and do not make any representation or warranty of fitness for a particular use or purpose and there is no implied condition of fitness for a particular use or purpose. We make no express warranties except as stated in this certificate. No one is authorized to change this certificate or to create for us any other obligation or liability in connection with this unit. Any implied warranties shall last for one year after the original purchase date.** Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages or do not allow limitations on how long an implied warranty or condition lasts, so the above limitations or exclusions may not apply to you. The provisions of this warranty are in addition to and not a modification of or subtraction from the statutory warranties and other rights and remedies provided by law.

## **Friedrich®**

**FRIEDRICH AIR CONDITIONING CO.**  
Post Office Box 1540  
4200 N. PanAm Expressway  
San Antonio, Texas 78295-1540  
(210) 357-4400 FAX: (210) 357-4480

Model No. _____	Serial No. _____
Date Purchased: _____	Installation Location: _____
Date Installed: _____	Installed by: _____