



WALLMASTER® PACKAGED TERMINAL AIR CONDITIONERS

All 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 inches wide and 16 inches high. Overall depth of the unit from the rear of the Friedrich wall sleeve to the front of the front panel shall not exceed 18-1/2 inches. If chassis is installed in non-Friedrich 16" x 42" sleeves, overall depth of the unit from the rear of the wall sleeve to the front panel shall not exceed 20-1/2 inches. (NOTE: Deep wall sleeve extension may add up to 4 inches additional depth on all models installed in Friedrich sleeves.)

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 pre-set to provide maximum air circulation into the room. The grille shall be owner adjustable to 10 degrees off the vertical.

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 gauge 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 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.

WARRANTY - First year: parts and labor on entire unit. Second through fifth years: parts and labor on sealed system and Flex-Drive® system. See Limited Warranty document for complete details.