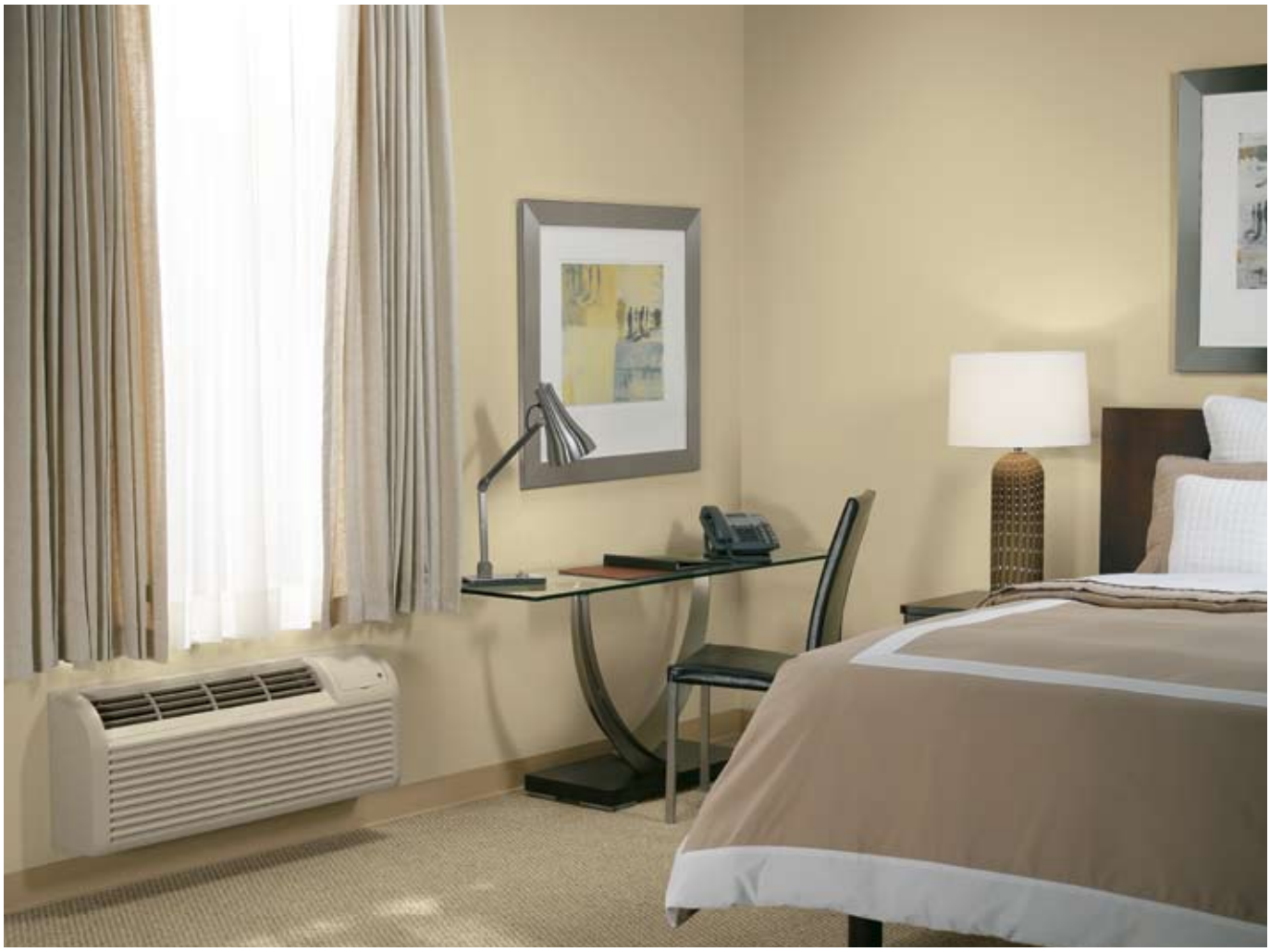


# GE Zoneline® packaged terminal air conditioners

imagination at work

# Zoneline®. Efficient. Quiet. Reliable. Innovative.

Versatile Zoneline® Packaged Terminal Air Conditioners provide year-round comfort with individual heating and cooling temperature controls. Designed for a wide range of applications, these units are ideal for hotels and motels, office buildings, schools and apartments. All Zoneline units feature the exclusive GE® "Superseal" system which minimizes energy usage by reducing air infiltration. The result is maximum operating efficiency and a more comfortable room. All Zoneline units are also very quiet thanks to a lower sound level and lower sound transmission. The newest innovation in Zoneline units is the Dry Air 25 Series. Similar to our Deluxe 2900 Series, the Dry Air 25 removes 25% more moisture from the air than standard GE packaged terminal air conditioners.

# Zoneline® features and benefits


## Electronic touch controls

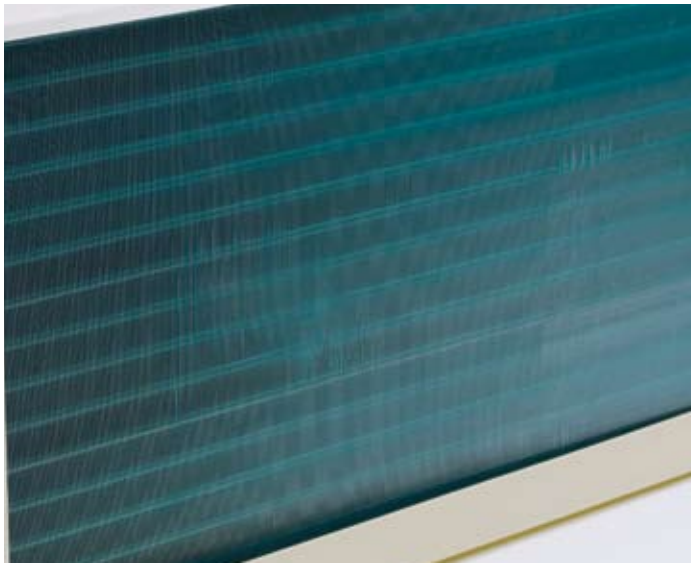
The 2900, 3900 and 5800 Series Zoneline® units are equipped with microcomputer touch controls. This feature gives the user better control over the temperature with a touch pad and an LED readout.

## Central desk control

All Zoneline units are compatible with two-wire central desk ON/OFF controls, including many computerized control systems. They can also be wired directly to infrared sensors and door switches to maximize efficiency.


## Remote installation capability

All Zoneline units are compatible with GE® wall-mounted remote thermostats. Mechanical, digital and programmable thermostats are available.



## Optional corrosion treatment

Deluxe Zoneline units can be ordered with special treatment to reduce the effects of corrosive environments. Special treatments are placed on the outdoor coil and other components to extend the life of the unit.

## The Dry Air 25

The Dry Air 25 Series centers around GE's exclusive use of the patented Dinh® Dehumidifier Heat Pipe from Heat Pipe Technology, Inc. This innovative technology enables the Dry Air 25 to remove 25% more moisture from the air than standard GE packaged terminal air conditioners. The Dry Air 25 is perfect for high-humidity climates. Available on 7000, 9000 and 12000 BTU models.

## Freeze Sentinel™

All Zoneline units are equipped with Freeze Sentinel to provide protection against damage caused by freezing temperatures in unoccupied rooms, regardless of unit setting. In installations where freezing temperature is not a concern, the owner has the option of disabling the Freeze Sentinel.

## Heat Sentinel

Provides automatic protection against overheating by switching on the unit to cool should the temperature of an unoccupied room reach 85°F.

## Upfront filters

For ease of cleaning, all Zoneline units have interchangeable, removable upfront filters made of long-lasting nylon mesh, thus assuring high performance and long life.

## Electronic temperature limiting

Heating and cooling temperatures may be electronically limited on all series to prevent expensive overcooling or overheating. Heating and cooling limits are independently set so seasonal adjustment is unnecessary.

# Easy installation and flexibility of design

Zoneline® units are designed with innovative, universal components, and offer even greater installation flexibility than ever, whether in new construction, renovation or for replacement of old units. Unless specified by code, they require no sub-base and may be installed flush with finished floor. All models are adaptable to remote and central desk control. Zoneline units may even be placed in unusual locations, such as transom or common-area installations. The two lines, Deluxe and Premium, each with its own special blend of features, offer flexibility to meet each zone application. All units come with microcomputer controls.


## Deluxe 2900 series cooling with resistance heat

- Digital controls
  - LED temperature display
  - Easy temperature selection
  - Tactile touch pads
- Two fan motors
  - Improved quiet sound levels
  - Higher efficiency
- Electronic temperature limiting
  - Helps reduce operating costs
- Optional corrosion treatment
  - Reduces the effects of coastal environments
- Freeze Sentinel™
  - Protects unoccupied rooms from damage by freezing temperatures
- Heat Sentinel
  - Reduces excessive temperatures in unoccupied room
- GE-exclusive Superseal
  - Increased room comfort
  - Energy savings
- Upfront filters
  - Ease of cleaning
  - Long-lasting nylon mesh
- Central desk control compatibility
- Remote thermostat capability
- Smartfan
  - Fan cycle operation based on heat/cool selection

## Deluxe Dry Air 25 series cooling with resistance heat

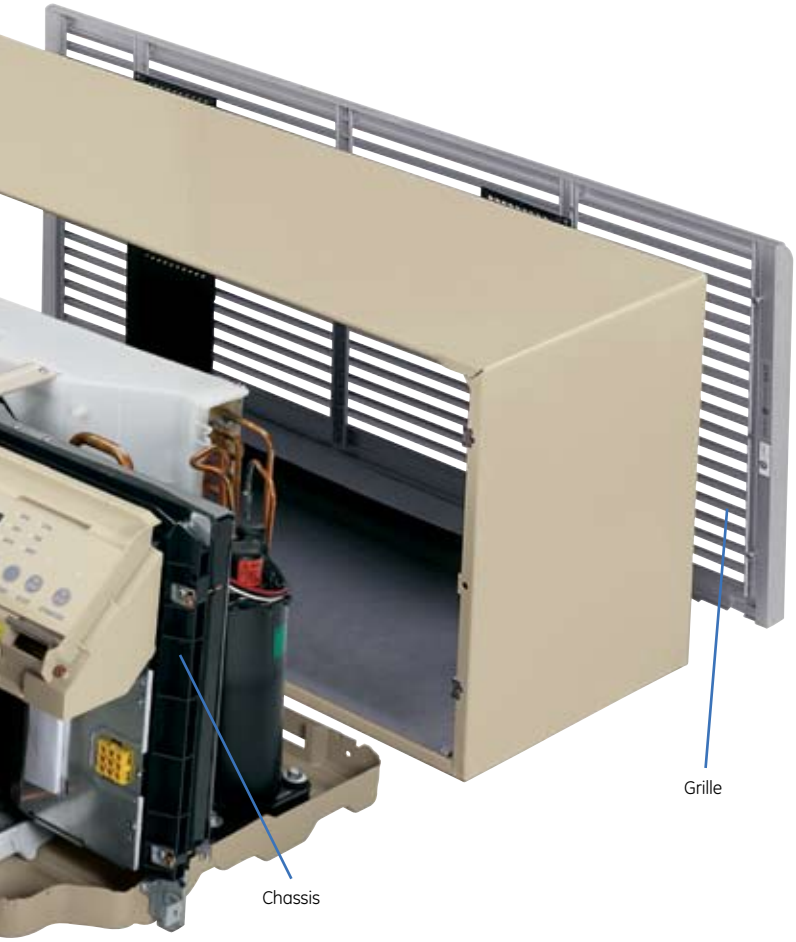
Includes all features of 2900 series, plus:

- Removes 25% more moisture from the air than standard GE packaged terminal air conditioners
- Cool and dry air in less time than standard Zoneline models
- Maintains comfort at slightly higher room temperatures
  - Helps reduce operating costs
  - Provides comfort without overcooling
- Corrosion treatment is standard
- Heat pipe is a separate sealed refrigerant system
  - No mechanical parts
  - No special maintenance required
- Helps maintain lower relative humidity in rooms
- Best suited for humid climates

## Deluxe 3900 series cooling with heat pump and resistance heat

Includes all features of 2900 series, plus:

- Reverse cycle heating
  - Energy savings over electric resistance heat
  - Significantly lower operating costs
- Heat pump operation down to 25°F outdoor temperature
- Three-stage thermostat for quicker heat recovery
- Optional factory-installed internal condensate removal (ICR)
  - Minimizes need for drain systems
- Heat pump and resistance heat can operate together
  - Better room comfort
  - Helps reduce operating costs over all standard heat pump systems
- Reverse cycle defrost
  - Extends heat pump operation
  - May help lower operating costs
- Electric resistance heat lockout
  - Lowers operating costs by restricting electric heat operation when outdoor temperature is above 46°F.




### Grille options

**Extruded aluminum:**
RAG67 (Shown)

**Stamped aluminum grille**
RAG60

**Exterior architectural louvers**
**Durable polycarbonate:**
RAG61 (Warm Grey Beige)
RAG62 (Maple)
RAG63 (Bittersweet Chocolate)

### Retrofit kits (not shown)

**RAK901L** - Wall Case Insulation for use with Heat Pumps

**RAK40** - Deflector Kit to adapt chassis for use with existing exterior architectural louvered grilles

**Requires power connection kit**

## Premium 5800 series cooling with heat pump and resistance heat

Includes all features of 3900 series, plus:

- Two-fan-motor system with indoor cross flow blower
  - For quieter operation
- Corrosion treatment is standard
- Self-diagnostics
- Connections for infrared/door switch sensors

| | Resistance heat | | Heat pump | |
|---|---|---|---|---|
| | Deluxe 2900 Series | Deluxe Dry Air 25 | Deluxe 3900 Series | Premium 5800 Series |
| **Features** | | | | |
| Highly featured microcomputer controls | Standard | Standard | Standard | Standard |
| Tactile touch pad controls with LED | Standard | Standard | Standard | Standard |
| Universal heaters | Standard | Standard | Standard | Standard |
| Solid-state thermostat | Standard | Standard | Standard | Standard |
| 3-position vent control | Standard | Standard | Standard | Standard |
| Upfront filter (interchangeable) | Standard | Standard | Standard | Standard |
| Automatic indoor frost control | Standard | Standard | Standard | Standard |
| Sleep function | Standard | Standard | Standard | Standard |
| Corrosion-treated chassis | Optional | Standard | Optional | Standard |
| 2-position discharge grille | Standard | Standard | Standard | Standard |
| Fan motors | 2 | 2 | 2 | 2 |
| "SmartFan" Fan cycle control | Standard | Standard | Standard | Standard |
| Fan Only setting—2-speed | Hi/Low | Hi/Low | Hi/Low | Hi/Low |
| Indoor fan speed | Hi/Low | Hi/Low | Hi/Low | Hi/Low |
| Cool & heat only settings | Hi/Low/Auto | Hi/Low/Auto | Hi/Low/Auto | Hi/Low/Auto |
| Staged heating | — | — | 3-stage | 3-stage |
| Freeze Sentinel™ | Standard | Standard | Standard | Standard |
| Heat Sentinel | Standard | Standard | Standard | Standard |
| Temperature limiting | Electronic 7-step | Electronic 7-step | Electronic 7-step | Electronic 7-step |
| Remote control compatibility | Standard | Standard | Standard | Standard |
| Central desk control compatibility | Standard | Standard | Standard | Standard |
| Service indicator | — | — | — | Standard |
| Heat pump with resistance heat back-up | — | — | Standard | Standard |
| Heat pump with supplemental resistance heat | — | — | Standard | Standard |
| Automatic emergency heat | Standard | Standard | Standard | Standard |
| Electric resistance heat lock-out | — | — | Standard | Standard |
| Heat pump defrost system | — | — | Reverse cycle | Reverse cycle |
| Internal condensate removal (ICR)* | — | — | Optional | Optional |
| Quick heat recovery | — | — | Standard | Standard |
| Self-diagnostics | — | — | — | Standard |
| Auto power recovery | Standard | Standard | Standard | Standard |

*Not for use in corrosive environments

# Deluxe models

## 2900 series and Dry Air 25 series – heat/cool units
## 3900 series – heat pump unit
## Highly featured microcomputer controls

**Central desk control compatible**
Ability to turn the unit "on" or "off" from a remote location.

**Two fan motors**
(not visible)
Separate motors for indoor and outdoor fans to assure quiet operation.

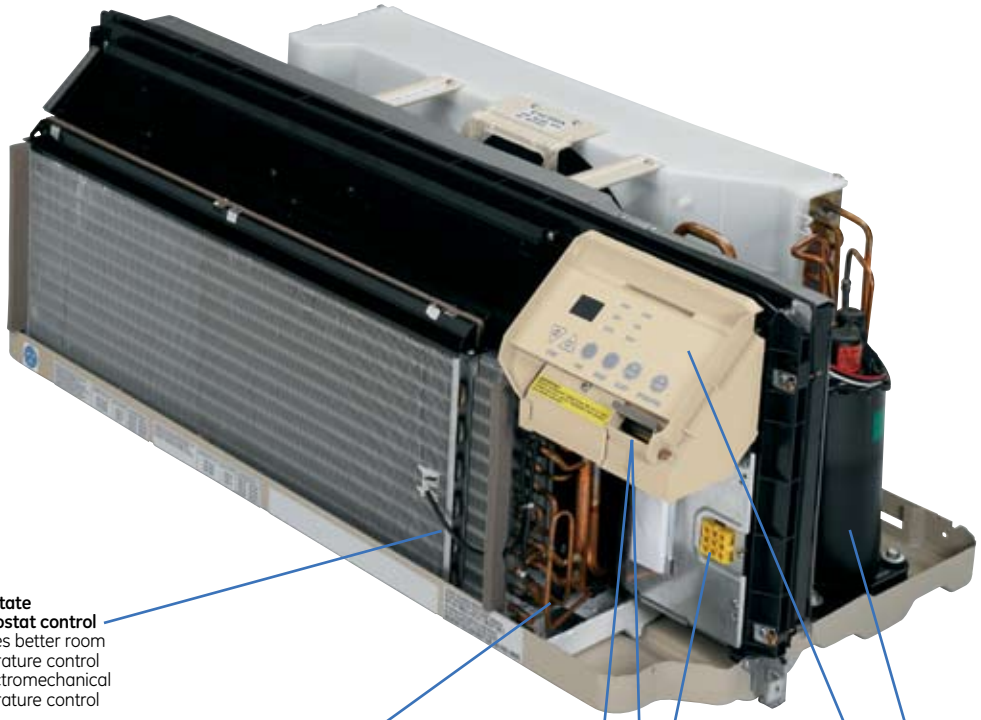
**Reversible louver**
(not shown)
May be reversed to provide an air discharge angle of 40 or 50 degrees off vertical with the simple removal of six screws.

**3-Position vent control**
(not shown)
Opens vent. Provides up to 75 cfm of outdoor air. The closed position saves energy by recirculating conditioned room air.

**Reverse cycle defrost**
(not shown)
Solid-state sensor monitors frost build-up on outdoor coil. When frost is detected, the refrigerant flow is reversed to melt frost build-up. When completed, the refrigerant is reversed to the normal energy-saving heat pump operation for additional heat pump operating hours.

**Easy-access filter**
(not shown)
Two upfront interchangeable filters are part of roomside cabinet for easy access and maintenance.

**Remote control compatible**
Ability to be controlled by a wall-mounted thermostat with high or low fan speed.



**Solid-state thermostat control**
Provides better room temperature control vs. electromechanical temperature control device.

**Freeze Sentinel™**
Provides automatic protection against freezing by switching the unit to heat should the temperature of an unoccupied room drop to 41°F.

**Heat Sentinel**
Provides automatic protection against overheating by switching on the unit to cool should the temperature of an unoccupied room reach 85°F.

**Auto frost control**
A special sensor monitors the roomside coil to prevent efficiency-robbing accumulation of frost during cooling operation.

**GE Dry Air 25**
(not shown)
Innovative technology from Heat Pipe Technology, Inc enables the DryAir 25 to remove 25% more moisture from the air than standard GE packaged terminal air conditioners.

**Electronic temperature limiting**
Preset cooling and heating limits with 7 independent cooling and 7 heating limits—saves energy by preventing over-cooling or over-heating of rooms.

**"Smartfan" fan cycle selection**
Select fan cycle or fan continuous independently for heating and cooling.

**Universal power cord**
Flexibility of heat applications. All Zonelines contain a bank of 3 heaters.

**Rotary compressor**
Fewer moving parts than reciprocating models for quiet, reliable operation and longer life.

**Touch pad controls**
With electronic control temperature display. Gives the user finer control over the temperature.

## The Dry Air 25

The Dry Air 25 features innovative technology from Heat Pipe Technology, Inc., an addition which enables this unit to remove 25% more moisture from the air than standard GE Zoneline® models. The Dry Air 25 system, Heat Pipe, is a hermetically sealed heat transfer surface that is saddlebagged around the indoor coil (evaporator) of the Zoneline. This coil arrangement will transfer heat from one coil to another without power consumption. This assembly uses R-22 as the refrigerant and is isolated from the regular Zoneline refrigerant circuit.

As warm humid air is pulled through the pre-cool section of the Heat Pipe, the heat removed from the air is absorbed by the refrigerant, causing the refrigerant to boil. As the pre-cooled air passes through the Zoneline evaporator, the air is further cooled (colder than it would be normally), removing 25% more moisture from the air than standard GE packaged terminal air conditioners.

As the cold air passes through the reheat section of the Heat Pipe, the refrigerant condenses and the liquid flows back to the pre-cool section to be reheated again. The air discharged into the room by this process is much drier, creating a more comfortable room condition.

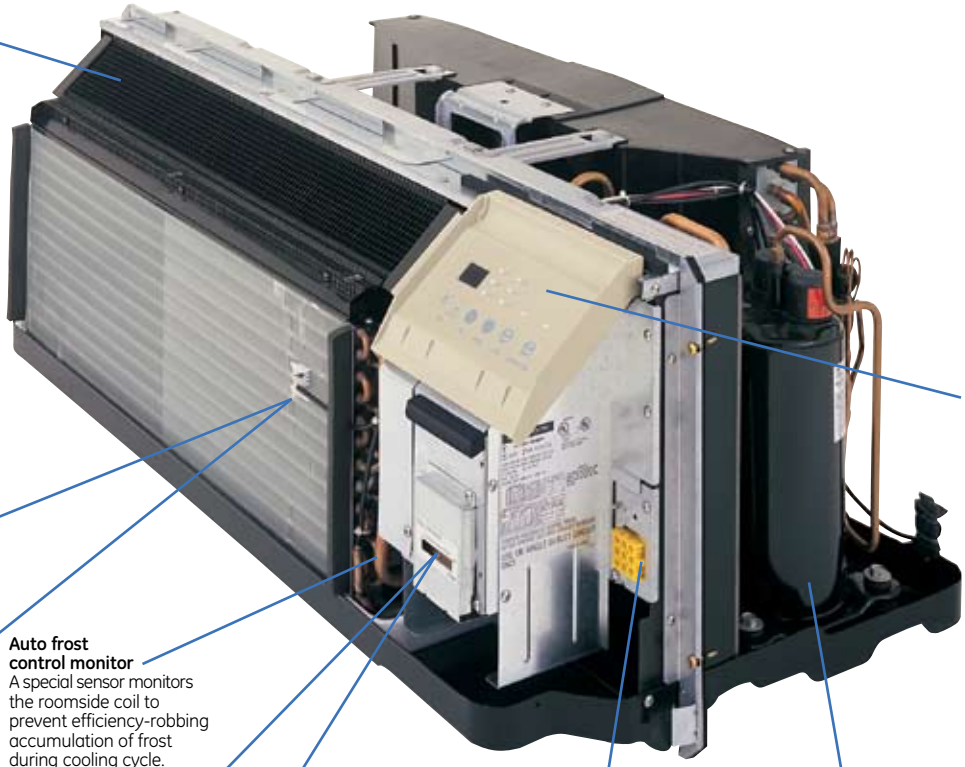
## Special corrosion-protected units

To help extend the life of the Zoneline unit in seacoast areas, some Deluxe Zoneline units may be ordered with a special corrosion protection treatment on outdoor components and use stainless steel hardware. Zoneline units with optional corrosion protection have a 'C' in the 10th character of the model number.

## Internal condensate removal

Available on the 3900 and 5800 heat pumps, this feature drips the heat pump condensate over the warm indoor coil to help dissipate water from heat pump operation and associated defrost cycles. The installation of an internal or external drain system is recommended if no dripping of condensate to the outdoors is desired. ICR must not be installed in seacoast or corrosive applications.

# Premium models
## 5800 series
## Highly featured microcomputer controls



**Cross-flow blower**
Quiet blower reduces annoying "Air rush" noise.

**Reversible louver**
(not shown)
May be reversed to provide an air discharge angle of 40 or 50 degrees off vertical with the removal of six screws.

**3 position vent control**
(not shown)
Opens vent. Provides up to 70 cfm of outdoor air. The closed position saves energy by recirculating conditioned room air.

**Solid state thermostat control**
Provides better room temperature control vs. electromechanical temperature control device.

**Freeze Sentinel™**
Provides automatic protection against freezing by switching the unit to heat should the temperature of an unoccupied room drop to 41°F.

**Heat Sentinel**
Provides automatic protection against overheating by switching on the unit to cool should the temperature of an unoccupied room reach 85°F.

**Room occupancy sensor compatible**
Ready for connection to room occupancy sensor system.

**Weather-protected electrical components**
On inside of barrier.

**Auto frost control monitor**
A special sensor monitors the roomside coil to prevent efficiency-robbing accumulation of frost during cooling cycle.

**Electronic temperature limiting**
Preset cooling and heating limits with 7 independent cooling and 7 heating limits—saves energy by preventing over-cooling or over-heating of rooms.

**"Smartfan" fan cycle selection**
Select fan cycle or fan continuous independently for heating and cooling.

**Universal power cord**
Flexibility of heat applications. Each premium line Zoneline contains a bank of 3 heaters.

**Microcomputer controls**
Electronic components for fast response and accuracy.

**Rotary compressor**
With fewer moving parts than reciprocating models for quiet, reliable operation.

**Easy-access filter**
(not shown)
Two upfront filters are part of roomside cabinet for easy access and maintenance.

**Two fan motors**
(not visible)
Separate motors for indoor and outdoor fans to assure quiet operation.

**Touch pad controls**
With electronic control temperature display. Gives the user finer control over the temperature.

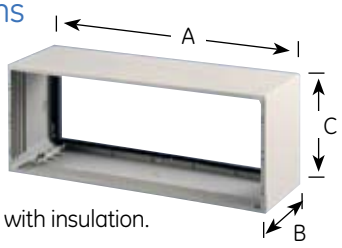
**Reverse cycle defrost**
(not shown)
Solid state sensor monitors frost build-up on outdoor coil. When frost is detected, the refrigerant flow is reversed to melt frost build-up. When completed, the refrigerant is reversed to the normal energy saving heat pump operation for additional heat pump operating hours.

**Central desk control compatible**
Ability to turn the unit "on" or "off" from a remote location.

**Remote control compatible**
Ability to be controlled by a wall-mounted thermostat with high or low fan speed.

## Wall sleeve dimensions

Heavy-gauge galvanized steel with a baked enamel finish for outstanding protection and appearance.




### RAB71A wall sleeve
Heavy-gauge galvanized steel, with insulation.
A-42", B-13 3/4", C-16"

### RAB77A4 wall sleeve (shown above)
Molded SMC fiberglass-reinforced polyester compound.
A-42 1/8", B-13 7/8", C-16 1/4"

### Wall opening dimensions
Add 1/4" to A and C dimensions for all cutout sizes.
RAB71 16 1/4" min. H. x 42 1/4" min. W.
RAB71 available in 16", 24", 28" and 31" depths.
RAB77A4 16 1/2" min. H. x 42 3/8" min. W.

## Electrical connection

230/208 volt units may be plugged into a receptacle. 265 volt units are provided with a junction box and require direct connection. (NEC Requires 265V Direct Connection.) See Architects and Engineers Design Data Manual for electrical connection information including use of sub-base for direct-connected units. Installation must comply with local electrical codes and regulations.

## Ducted applications

2900 and 3900 series can be used with ductwork to heat or cool more than one room. RAK6052 Duct Adapter is applied to top of case over air discharge. RAK601 Duct Extension is applied to right or left of adapter. Locally fabricated ductwork may be added to extend to maximum recommended distance of 15 feet.

For additional information on ducted applications, including special adapters for replacement units, refer to Architects and Engineers Design Data Manual.

# Receptacles/Sub-bases

**Tandem**
230/208V 15 Amp
NEMA6-15R

**Perpendicular**
230/208V 20 Amp
NEMA6-20R

**Large tandem**
230/208V 30 Amp
NEMA6-30R


**265V 15 Amp**
NEMA7-15R


**265V 20 Amp**
NEMA7-20R;
receptacle used
On 265V sub-base
GE0720-3


**265V 30 Amp**
NEMA7-30R;
receptacle used
On 265V sub-base
GE073

| Sub-bases | | | | | | | |
|---|---|---|---|---|---|---|---|
| | **RAK204U** | **RAK204D15P** | **RAK204D20P** | **RAK204D30P** | **RAK204E15** | **RAK204E20** | **RAK204E30** |
| Voltage | N/A | 230/208 | 230/208 | 230/208 | 265 | 265 | 265 |
| Amps | N/A | 15 | 20 | 30 | 15 | 20 | 30 |
| Receptacle | N/A | NEMA6-20R | NEMA6-20R | NEMA6-30R | NEMA7-15R | NEMA7-20R | NEMA7-30R |

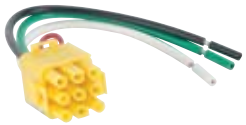
230/208 Volt sub-bases include appropriate power cord kit.
265 Volt units are to be direct connected. Cordset through enclosed chaseway into interior sub-base receptacle meets the NEC requirements.

## Power connection kits are required on all Zoneline® chassis (see chart below).

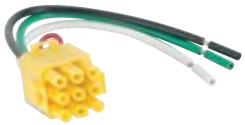
The correct kit for the installation is determined by the voltage and amperage of the electrical circuit and the means of connecting the unit to the building wiring. If the unit is to be plugged into a receptacle, a line cord kit would be used; if the unit is to be permanently connected, a permanent connection kit would be used. 265 volt cord set units must be installed in compliance with National Electrical Code®.

**Power connection kits**
Required on all models. See specification sheet for heater KW and branch circuit ampacity.

RAK3153/3203
230/208 volt line cord connection kit



RAK4157/4207/4307
230/208 volt universal power supply kit



RAK5157/5207/5307
265 volt universal power supply kit

| 230/208 volt | Line cord connected units | | |
|---|---|---|---|
| **LCDI Power Connection Kit** | **RAK3153** | **RAK3203** | **RAK3303** |
| Heater KW | 2.55/2.09 | 3.45/2.82 | 5.00/4.09 |
| Watts | 2,550/2,090 | 3,450/2,820 | 5,000/4,090 |
| BTUH | 8,600/7,100 | 11,700/9,600 | 17,000/13,900 |
| Amps | 11.6/10.6 | 15.6/14.2 | 22.4/20.4 |
| Min. circuit amps | 15 | 20 | 30 |
| Recommended protective device | 15 amp time delay fuse or breaker | 20 amp time delay fuse or breaker | 30 amp time delay fuse or breaker |

| 265 volt Permanent connected units* (Cord set) | | |
|---|---|---|
| **RAK5172** | **RAK5202** | **RAK5302** |
| 2.55 | 3.45 | 5.0 |
| 2,550 | 3,450 | 5,000 |
| 8,600 | 11,700 | 17,000 |
| 10.3 | 13.8 | 19.6 |
| 15 | 20 | 30 |
| 15 amp time delay fuse | 20 amp time delay fuse | 30 amp time delay fuse |

*To be used with sub-base

| 230/208 volt | Direct connection kit** | | |
|---|---|---|---|
| | **RAK4157** | **RAK4207** | **RAK4307** |
| Heater KW | 2.55/2.09 | 3.45/2.82 | 5.00/4.09 |
| Watts | 2,550/2,090 | 3,450/2,820 | 5,000/4,090 |
| BTUH | 8,600/7,100 | 11,700/9,600 | 17,000/13,900 |
| Amps | 11.6/10.6 | 15.6/14.2 | 22.4/20.4 |
| Min. circuit amps | 15 | 20 | 30 |
| Recommended protective device | 15 amp time delay fuse or breaker | 20 amp time delay fuse or breaker | 30 amp time delay fuse or breaker |

**To be used with sub-base or connection to building wiring

| 265 volt Direct connection kit** | | |
|---|---|---|
| **RAK5157** | **RAK5207** | **RAK5307** |
| 2.55 | 3.45 | 5.0 |
| 2,550 | 3,450 | 5,000 |
| 8,600 | 11,700 | 17,000 |
| 10.3 | 13.8 | 19.6 |
| 15 | 20 | 30 |
| 15 amp time delay fuse | 20 amp time delay fuse | 30 amp time delay fuse |

**To be used with sub-base or connection to building wiring

# Preliminary specifications

| | Deluxe series – cooling & electric heat | | | | Dry Air 25 | | |
|---|---|---|---|---|---|---|---|
| | 2900 series units | | | | Dry Air 25 | | |
| **230/208V Models** | **AZ29E07D** | **AZ29E09D** | **AZ29E12D** | **AZ29E15D** | **AZ29E07DAP** | **AZ29E09DAP** | **AZ29E12DAP** |
| **Capacity** | | | | | | | |
| Cooling BTUH | 7,100/6,900 | 9,300/8,900 | 11,700/11,500 | 14,600/14,300 | 6,800/6,600 | 8,800/8,500 | 11,200/11,000 |
| EER (BTU/Watt) | 12.7/12.7 | 12.0/12.0 | 11.5/11.5 | 10.2/10.2 | 12.1/12.1 | 11.5/11.5 | 11.0/11.0 |
| Dehumidification Pts/Hr | 1.7 | 2.7 | 3.6 | 4.6 | 2.3 | 3.4 | 4.5 |
| **Features** | | | | | | | |
| CFM, indoor fan high | 250 | 270 | 290 | 310 | 210 | 230 | 240 |
| CFM, indoor fan low | 215 | 235 | 240 | 280 | 175 | 200 | 210 |
| Vent CFM (full open/partial open) | 50/40 | 70/45 | 75/45 | 75/45 | 50/40 | 70/45 | 75/45 |
| **Power/Ratings** | | | | | | | |
| Power factor | 86/87 | 86/87 | 91/91 | 89/90 | 87/87 | 86/86 | 91/91 |
| Sensible heat ratio @ 230 volts | 75% | 68% | 67% | 67% | 66% | 58% | 57% |
| Watts | 560/545 | 775/745 | 1,020/1,000 | 1430/1405 | 560/545 | 765/740 | 1,020/1,000 |
| Amperes, F.L. | 2.8/3.0 | 3.8/4.1 | 4.9/5.3 | 7.0/7.5 | 2.8/3.0 | 3.8/4.1 | 4.9/5.3 |
| Amperes, L.R. | 19.0 | 21.0 | 31.0 | 38.0 | 19.0 | 21.0 | 31.0 |
| **Weight (Net/Ship)** | 100/115 | 101/116 | 105/120 | 115/130 | 100/115 | 101/116 | 105/120 |
| **Sound Transmission Class (STC)** | 29 | 29 | 29 | 29 | 29 | 29 | 29 |

| **265V Models** | **AZ29E07E** | **AZ29E09E** | **AZ29E12E** | **AZ29E15E** | **AZ29E07EAP** | **AZ29E09EAP** | **AZ29E12EAP** |
|---|---|---|---|---|---|---|---|
| **Capacity** | | | | | | | |
| Cooling BTUH | 7,100 | 9,000 | 11,700 | 14,600 | 6,800 | 8,600 | 11,200 |
| EER (BTU/Watt) | 12.7 | 12.0 | 11.5 | 10.2 | 12.1 | 11.5 | 11.0 |
| Dehumidification Pts/Hr | 1.7 | 2.7 | 3.6 | 4.6 | 2.3 | 3.4 | 4.4 |
| **Features** | | | | | | | |
| CFM, indoor fan high | 250 | 270 | 290 | 310 | 210 | 235 | 240 |
| CFM, indoor fan low | 215 | 235 | 240 | 280 | 175 | 200 | 210 |
| Vent CFM (full open/partial open) | 50/40 | 70/45 | 75/45 | 75/45 | 50/40 | 70/45 | 75/45 |
| **Power/Ratings** | | | | | | | |
| Power factor | 87 | 86 | 87 | 90 | 88 | 86 | 87 |
| Sensible heat ratio @ 265 volts | 75% | 68% | 67% | 67% | 66% | 58% | 57% |
| Watts | 560 | 750 | 1,020 | 1435 | 560 | 750 | 1,020 |
| Amperes, F.L. | 2.4 | 3.3 | 4.4 | 6.0 | 2.4 | 3.3 | 4.4 |
| Amperes, L.R. | 16.0 | 18.0 | 24.0 | 31.0 | 16.0 | 18.0 | 24.0 |
| **Weight (Net/Ship)** | 100/115 | 100/115 | 105/120 | 115/130 | 100/115 | 101/116 | 105/120 |
| **Sound Transmission Class (STC)** | 29 | 29 | 29 | 29 | 29 | 29 | 29 |

| | Deluxe series – heat pump units** | | | | Premium series – heat pump units | | | |
|---|---|---|---|---|---|---|---|---|
| | 3900 series units | | | | 5800 series units | | | |
| **230/208V Models** | **AZ39H07D** | **AZ39H09D** | **AZ39H12D** | **AZ39H15D** | **AZ58H07D** | **AZ58H09D** | **AZ58H12D** | **AZ58H15D** |
| **Capacity** | | | | | | | | |
| Cooling BTUH | 7,100/6,900 | 9,400/9,150 | 11,850/11,500 | 14,750/14,350 | 7,300/7,000 | 9,300/9,050 | 11,800/11,600 | 14,700/14,400 |
| EER (BTU/Watt) | 12.7/12.7 | 12.0/12.0 | 11.5/11.5 | 10.0/10.0 | 13.0/13.0 | 12.0/12.0 | 11.7/11.7 | 10.3/10.3 |
| Dehumidification Pts/Hr | 1.7 | 2.7 | 3.6 | 4.5 | 2.1 | 3.0 | 4.0 | 4.8 |
| **Features** | | | | | | | | |
| CFM, indoor fan high | 250 | 270 | 300 | 310 | 250 | 265 | 350 | 365 |
| CFM, indoor fan low | 215 | 235 | 260 | 260 | 230 | 245 | 330 | 345 |
| Vent CFM (full open/partial open) | 50/40 | 70/45 | 75/45 | 75/45 | 40/35 | 65/60 | 70/65 | 70/65 |
| **Power/Ratings** | | | | | | | | |
| Power factor | 87 | 88 | 91 | 92 | 95 | 96 | 94 | 95 |
| Sensible heat ratio @ 230 volts | 75% | 68% | 67% | 67% | 75% | 67% | 68% | 65% |
| Watts | 560/545 | 785/765 | 1030/1000 | 1480/1440 | 560/540 | 760/735 | 1010/990 | 1425/1400 |
| Amperes, F.L. | 2.8/3.0 | 3.8/4.1 | 4.9/5.3 | 7.0/7.5 | 2.7/2.8 | 3.6/3.8 | 4.6/5.0 | 6.5/7.0 |
| Amperes, L.R. | 19.0 | 21.0 | 31.0 | 38.0 | 19.0 | 21.0 | 33.0 | 38.0 |
| Reverse cycle heat BTUH | 6,400/6,200 | 8,500/8,250 | 10,900/10,700 | 13,750/13,400 | 6,400/6,200 | 8,400/8,200 | 10,900/10,700 | 13,800/13,800 |
| COP | 3.6/3.6 | 3.6/3.6 | 3.4/3.4 | 3.2/3.2 | 3.7/3.7 | 3.6/3.6 | 3.4/3.4 | 3.2/3.2 |
| Watts | 520/505 | 695/675 | 950/925 | 1,275/1,245 | 505/490 | 685/670 | 940/920 | 1,265/1,235 |
| Amps | 2.4/2.6 | 3.2/3.5 | 4.3/4.7 | 5.8/6.3 | 2.4/2.5 | 3.2/3.4 | 4.3/4.7 | 5.7/6.2 |
| **Weight (Net/Ship)** | 102/117 | 105/120 | 113/128 | 123/138 | 108/122 | 113/128 | 118/133 | 127/142 |
| **Sound Transmission Class (STC)** | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |

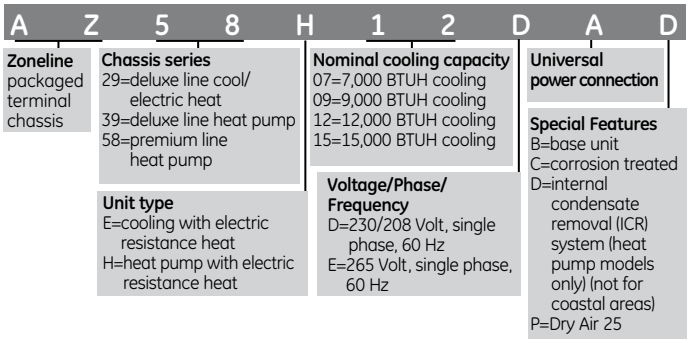
| **265V Models** | **AZ39H07E** | **AZ39H09E** | **AZ39H12E** | **AZ39H15E** | **AZ58H07E** | **AZ58H09E** | **AZ58H12E** | **AZ58H15E** |
|---|---|---|---|---|---|---|---|---|
| **Capacity** | | | | | | | | |
| Cooling BTUH | 7,100 | 9,400 | 11,700 | 14,750 | 7,300 | 9,300 | 11,800 | 14,700 |
| EER (BTU/Watt) | 12.7 | 12.0 | 11.5 | 10.0 | 13.0 | 12.0 | 11.7 | 10.3 |
| Dehumidification Pts/Hr | 1.7 | 2.7 | 3.6 | 4.5 | 2.1 | 3.0 | 4.0 | 4.8 |
| **Features** | | | | | | | | |
| CFM, indoor fan high | 250 | 270 | 300 | 310 | 250 | 265 | 350 | 365 |
| CFM, indoor fan low | 215 | 235 | 260 | 260 | 220 | 270 | 310 | 330 |
| Vent CFM (full open/partial open) | 50/40 | 70/45 | 75/45 | 75/45 | 40/35 | 65/60 | 70/65 | 70/65 |
| **Power/Ratings** | | | | | | | | |
| Power factor | 88 | 88 | 87 | 92 | 95 | 96 | 94 | 95 |
| Sensible heat ratio @ 265 volts | 75% | 68% | 67% | 67% | 75% | 67% | 68% | 65% |
| Watts | 560 | 785 | 1020 | 1480 | 560 | 760 | 1010 | 1425 |
| Amperes, F.L. | 2.4 | 3.3 | 4.4 | 6.0 | 2.2 | 3.2 | 4.4 | 5.8 |
| Amperes, L.R. | 16.0 | 18.0 | 24.0 | 31.0 | 16.0 | 18.0 | 24.0 | 31.0 |
| Reverse cycle heat BTUH | 6,400 | 8,550 | 10,900 | 13,750 | 6,400 | 8,400 | 10,900 | 13,800 |
| COP | 3.6 | 3.6 | 3.4 | 3.2 | 3.7 | 3.6 | 3.4 | 3.2 |
| Watts | 520 | 700 | 940 | 1,275 | 505 | 685 | 940 | 1,265 |
| Amps | 2.2 | 2.8 | 3.9 | 5.0 | 2.2 | 2.7 | 3.9 | 5.0 |
| **Weight (Net/Ship)*** | 102/117 | 109/124 | 113/128 | 123/138 | 108/122 | 113/128 | 118/133 | 127/142 |
| **Sound Transmission Class (STC)** | 29 | 29 | 29 | 29 | 29 | 29 | 29 | 29 |

*ICR adds 3 pounds to unit weight

**Corrosion model BTUH and watts may vary.

# Zoneline® chassis nomenclature

The Zoneline® chassis is identified by a model number defining the type of unit, cooling capacity, electrical information and optional features included on the unit. When specifying or ordering the Zoneline chassis, use of this nomenclature will assure receiving the correct unit.




# Zoneline warranty*

## What is covered

**Limited one-year warranty**

For one year from the date of the original purchase, GE will repair or replace any part of the air conditioner which fails due to a defect in materials or workmanship. During this limited one-year warranty, GE will provide, free of charge, all labor and related service costs to repair or replace the defective part.

**Limited five-year warranty**

For five years from the date of the original purchase, GE will repair or replace the Sealed Refrigerating System if any part of the Sealed Refrigerating System (the compressor, condenser, evaporator, and all connecting tubing) should fail due to a defect in materials or workmanship. During this limited five-year warranty, GE will provide, free of charge, all labor and related service costs to repair or replace the defective part.

**Limited second through fifth year parts warranty**

From the second through the fifth year from the date of the original purchase, GE will replace the Fan Motors, Switches, Thermostat, Heater, Heater Protectors, Compressor Overload, Solenoids, Circuit Boards, Auxiliary Controls, Thermistors, Freeze Sentinel, Frost Controls, ICR Pump, Capacitors, Varistors and Indoor Blower Bearing, if any of these parts should fail due to a defect in materials or workmanship. During this additional four-year limited warranty, you will be responsible for any labor and related service costs.

*See written warranty for details

Listed by Underwriters Laboratories.

For detailed information on operating specifications, installation data and accessories, see the GE Zoneline Architects and Engineers Design Data Manual.

## A century of quality and innovation

For more than a century, GE has been committed to producing innovative products that change the way people live. The result of thorough research and rigorous testing, GE appliances are designed for years of dependable performance. Today, the GE tradition of quality and innovation continues.

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For GE appliance service in the US, call 1-800-GE CARES. In Canada call 1-888-209-0999.

GE has a policy of continuous improvement of its products and reserves the right to change materials and specifications without notice.


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