



GE APPLIANCES



CONNECT™



# CONNECT SERIES

## VARIABLE SPEED HEAT PUMPS

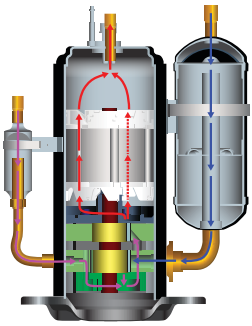
# THE GE CONNECT SERIES HEAT PUMP SYSTEM |

The Connect Series delivers high efficiency variable speed mini-split performance with the flexibility to allow application with a 24 volt conventional ducted air handler. The system's ease of application includes compatibility with many common 24 volt thermostat in use with legacy heat pump systems. Replacing and converting low efficiency systems with an ultra high efficiency, variable speed system is now simple and affordable.

The variable speed inverter outdoor heat pump system uses advanced logic to match outdoor unit capacity to the structure's heating and cooling load, and includes all of the design advantages of a conventional mini-split condenser. In addition, the Capacity Select feature configures the two available Connect Series outdoor units to perform at four of the most common indoor unit capacity levels.



## TRAITS YOU WANT FEATURES YOU NEED |



### Mid-Vapor Compressor Technology

Using mid-vapor technology, the compressor produces a remarkably high heat output at extremely low temperatures. This gives the Connect Series a major advantage over conventional heat pumps, in that bountiful heat output means less reliance on supplemental electric, fossil fuel, or oil heating systems.

### Capacity Select Function

The two available Connect Series outdoor units can be configured via the capacity select function to produce 2, 3, 4, or 5 tons of capacity, which would have required stocking four conventional outdoor heat pump units. For contractors and distributors, this feature means simplified inventory planning and control, more warehouse space, and saving money.

### Quiet and High Efficiency Operation

Sound-dampening features, in both indoor and outdoor sections, means the Connect Series operates at the "soft conversation" level as low as 45dB. Advanced operating logic integrated in the Connect control system ensures industry-leading comfort, economy, and reliability.

### 24 Volt Thermostat Compatible

The Connect Series delivers ultra high efficiency without the need for complicated indoor thermostats. The system can be controlled by many existing 24 volt heat pump thermostats that includes an adjustable reversing valve setting.

### Small Footprint

The small footprint of the Connect Series outdoor unit provides more installation flexibility than conventional top-discharge outdoor units.

### Key Features



High efficiency DC inverter technology



R-410A refrigerant



Up to 20 SEER and 10.5 HSPF



High heating output at extremely low outdoor air temperatures



Advanced system operating protections and error detection



Long line set length



Outdoor unit basepan heater



Gold Fin coil corrosion protection




10 year registered warranty




# 2ND GENERATION SPECIFICATIONS |

## Additional Features



High external static up to 1.0" wg



More electric heater options available

**Compressor Type:**  
DC Inverter Driven

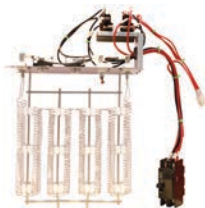
**Voltage/Cycle/Phase:**  
208-230/60/1

**Operating Range (°F):**



| Outdoor Unit       |                                      | AUH2436ZGDA                                 |                 | AUH4860ZGDA                                  |                 |
|--------------------|--------------------------------------|---|-----------------|--|-----------------|
| UPC                |                                      | 0-84691-85465-4                             |                 | 0-84691-85469-2                              |                 |
| Capacity Selection |                                      | 24K   | 36K             | 48K  | 60K             |
| Indoor Unit        |                                      | UUY24ZGDAB                                  | UUY36ZGDAB      | UUY48ZGDAB                                   | UUY60ZGDAB      |
| UPC                |                                      | 0-84691-86343-4                             | 0-84691-86344-1 | 0-84691-86345-8                              | 0-84691-86346-5 |
| Cooling            | Cooling Capacity Btu/hr.             | 24,000                                      | 36,000          | 48,000                                       | 54,000          |
|                    | SEER                                 | 20  | 18              | 18   | 17              |
|                    | EER                                  | 12.5  | 10              | 11.5   | 10.5            |
| Heating            | Heating Capacity Btu/hr.             | 24,000                                      | 36,000          | 48,000                                       | 54,000          |
|                    | HSPF                                 | 10.5  | 10              | 10.5   | 10              |
|                    | Electric Backup Heat Kits            | 5kW/8kW/10kW                                |                 | 10kW/15kW/20kW                               |                 |
| Outdoor Unit       | MCA                                  | 24  |                 | 35   |                 |
|                    | MOP                                  | 35  |                 | 45   |                 |
|                    | Breaker Size A                       | 35  |                 | 40   |                 |
|                    | Outdoor Noise Level dB               | 57  |                 | 58   |                 |
|                    | Dimension: H x W x D in. (mm)        | 32 1/4 x 37 x 18 1/8 (820 x 940 x 460)      |                 | 53 3/4 x 42 3/4 x 14 5/8 (1365 x 1085 x 370) |                 |
|                    | Carton Dimension: H x W x D in. (mm) | 38 1/4 x 42 3/4 x 22 1/2 (972 x 1086 x 572) |                 | 59 1/4 x 45 3/8 x 19 3/8 (1505 x 1153 x 493) |                 |
|                    | Weight Net/Gross - lbs. (kg)         | 217.2/240.3 (98.5/109)                      |                 | 308.6/337.3 (140/153)                        |                 |
| Indoor Unit        | Airflow CFM                          | 960   | 1000            | 1380   | 1600            |
|                    | Indoor Sound Level dB                | 47  | 47              | 51   | 51              |
|                    | Metering Device                      | TXV   |                 | TXV  |                 |
|                    | Breaker Size A                       | 15  |                 | 15   |                 |
|                    | Maximum Static Pressure W.C.         | 1.0   |                 | 1.0  |                 |
|                    | Dimension: H x W x D in. (mm)        | 48 1/4 x 21 1/4 x 21 1/4 (1226 x 540 x 540) |                 | 57 x 24 3/4 x 21 1/4 (1448 x 630 x 540)      |                 |
|                    | Carton Dimension: H x W x D in. (mm) | 50 1/2 x 26 x 23 3/4 (1283 x 660 x 603)     |                 | 59 3/8 x 27 1/4 x 26 (1508 x 693 x 660)      |                 |
|                    | Weight Net/Gross - lbs. (kg)         | 156.5/169.8 (71/77)                         |                 | 202.8/218.3 (92/99)                          |                 |
| Control            | Control Voltage                      |   | 24VAC           |  |                 |
| Piping             | Refrigerant Type                     |   | R410A           |  |                 |
|                    | Liquid O.D. in.                      |   | 3/8             |  |                 |
|                    | Suction O.D. in.                     |   | 3/4             |  |                 |
|                    | Piping Connection                    |   | BRAZE           |  |                 |
|                    | Factory Charge lbs. (kg)             |   | 9.81 (4.45)     | 14.33 (6.5)                                  |                 |
|                    | Maximum Line Length ft. (m)          |   | 164 (50)        | 98 (30)                                      |                 |
|                    | Maximum Height ft. (m)               |   | 50 (15)         | 50 (15)                                      |                 |

## Compatible Electric Heat Kits



| AHU #           | UUY24ZGDAB / UUY36ZGDAB |                 |                 | UUY48ZGDAB / UUY60ZGDAB |                 |
|-----------------|-------------------------|-----------------|-----------------|-------------------------|-----------------|
|                 | UAZEH05A                | UAZEH08A        | UAZEH10A        | UAZEH15A                | UAZEH20A        |
| Kit Model #     | UAZEH05A                | UAZEH08A        | UAZEH10A        | UAZEH15A                | UAZEH20A        |
| Heat Output     | 5KW                     | 8KW             | 10KW            | 15KW                    | 20KW            |
| UPC             | 0-84691-86347-2         | 0-84691-86348-9 | 0-84691-86349-6 | 0-84691-85712-9         | 0-84691-85713-6 |
| With Breaker(s) | 30A                     | 45A             | 60A             | 30A + 60A               | 60A + 60A       |



GE APPLIANCES

### LIMITED WARRANTY

At GE Appliances we take pride in our workmanship, which is why we offer one of the best warranties in the industry. Standard coverage is a 7-year limited warranty on the compressor and a 5-year limited warranty on parts.

Our Connect Series qualifies for a 10-year limited warranty on both the compressor and parts when installed with an AHRI rated indoor/outdoor combination (restrictions apply). Equipment must be registered for this extended coverage within 60 days of installation. To register your equipment go to: [www.geappliances.com](http://www.geappliances.com)



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