



GE APPLIANCES



CONNECT™



# CONNECT SERIES

## VARIABLE SPEED HEAT PUMPS

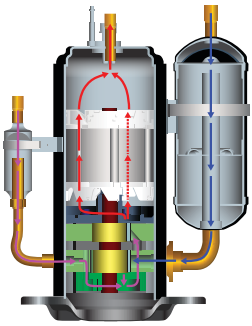
# THE GE CONNECT SERIES HEAT PUMP SYSTEM |

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  
Two-Stage Rotary

**Voltage/Cycle/Phase:**

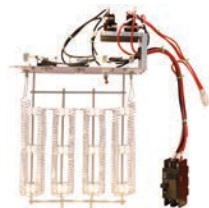
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**Operating Range (°F):**



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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Pub No. 26-S0120  
Rev. 05-14-21



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