

DUCTED SOLUTIONS |



VARIABLE SPEED 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.

Key Features

**DC
INVERTER**

**A-PAM
DC INVERTER**
Latest high
efficiency
DC inverter
technology



**R-410A
REFRIGERANT**
Non-ozone
depleting, enviro-
friendly refrigerant



**BASE PAN
HEATER**

Prevents
condensate
water from
accumulating in
the outdoor unit
in extremely cold
temperatures



-22°F HEATING
High heating
output at
extremely low
outdoor air
temperatures
down to -22°F
(-30°C)

**165
FT**

**LONG LINE SET
LENGTH**

More installation
location options
with up to 165 ft of
lineset allowed



**HIGH
EFFICIENCY**
Energy savings
with up to 20 SEER
and 10.5 HSPF
performance



**PERFORMANCE
MONITORING**

Advanced
system operating
protections and
error detection



GOLD FIN
Coil treatment
enhances
water, acid, and
salt corrosion
protection



**1.0" wg
EXTERNAL
STATIC**

Designed for
static pressure
up to 1.0" wg



**ELECTRIC HEAT
OPTIONS**

Electric heat
kits 5kw - 20kw
available



GE APPLIANCES



Specifications

Compressor Type:
DC Inverter Driven
Two-Stage Rotary

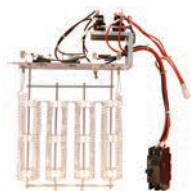
Voltage/Cycle/Phase:
208-230/60/1

Operating Range (°F):



		24K	36K	48K	60K
Outdoor Unit		AUH2436ZGDA		AUH4860ZGDA	
UPC		0-84691-85495-1		0-84691-85469-2	
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	5kW/8kW/10kW	10kW/15kW/20kW	10kW/15kW/20kW
Outdoor Unit	MCA	24	24	35	35
	MOP	35	35	45	45
	Breaker Size A	35	35	40	40
	Outdoor Noise Level dB	57	57	58	58
	Dimension: H x W x D in. (mm)	32 1/4 x 37 x 18 1/8 (820 x 940 x 460)	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)	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)	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)	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)	217.2/240.3 (98.5/109)	308.6/337.3 (140/153)	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	TXV	TXV
	Breaker Size A	15	15	15	15
	Maximum Static Pressure W.C.	1.0	1.0	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)	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)	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)	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)	59 3/8 x 27 1/4 x 26 (1508 x 693 x 660)
Control	Weight Net/Gross - lbs. (kg)	156.5/169.8 (71/77)	156.5/169.8 (71/77)	202.8/218.3 (92/99)	202.8/218.3 (92/99)
	Control Voltage	24VAC	24VAC	24VAC	24VAC
	Refrigerant Type	R410A	R410A	R410A	R410A
	Liquid O.D. in.	3/8	3/8	3/8	3/8
	Suction O.D. in.	3/4	3/4	3/4	3/4
	Piping Connection	BRAZE	BRAZE	BRAZE	BRAZE
	Factory Charge lbs. (kg)	9.81 (4.45)	9.81 (4.45)	14.33 (6.5)	14.33 (6.5)
Piping	Maximum Line Length ft. (m)	164 (50)	164 (50)	98 (30)	98 (30)
	Maximum Height ft. (m)	50 (15)	50 (15)	50 (15)	50 (15)

Compatible Electric Heat Kits



AHU #	UUY24ZGDAB / UUY36ZGDAB		UUY48ZGDAB / UUY60ZGDAB		
	5KW	8KW	10KW	15KW	20KW
Heat Output	UAZEH05A	UAZEH08A	UAZEH10A	UAZEH15A	UAZEH20A
Kit Model #	UAZEH05A	UAZEH08A	UAZEH10A	UAZEH15A	UAZEH20A
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