



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, environmentally 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



Variable Speed Heat Pump System



DUCTED SOLUTIONS |



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	AUH2436ZGDA	AUH4860ZGDA	AUH4860ZGDA
UPC		0-84691-85495-1	0-84691-85495-1	0-84691-85469-2	0-84691-85469-2
Indoor Unit		UUY24ZGDAA	UUY36ZGDAA	UUY48ZGDAA	UUY60ZGDAA
UPC		0-84691-85716-7	0-84691-85717-4	0-84691-85718-1	0-84691-85719-8
Cooling	Cooling Capacity Btu/hr.	24,000	36,000	48,000	54,000
	SEER	20	18	18	17
	EER	12.5	11	11	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 Kit	UAZEH08A*	UAZEH08A*	UAZEH15A**	UAZEH15A**
Outdoor Unit	MCA	25	25	35	35
	MOP	37	37	45	45
	Outdoor Noise Level dB	59	59	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	940	1000	1470	1600
	Indoor Sound Level dB	49	49	50	51
	Metering Device	TXV	TXV	TXV	TXV
	Breaker Size A	15	15	15	15
	Maximum Static Pressure W.C.	0.5	0.5	0.6	0.6
	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 2/8 x 26 (1508 x 693 x 660)	59 3/8 x 27 2/8 x 26 (1508 x 693 x 660)
	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	Control Voltage	24VAC	24VAC	24VAC	24VAC
Piping	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
	Factory Charge lbs. (kg)	9.26 (4.2)	9.26 (4.2)	13.78 (6.25)	13.78 (6.25)
	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)

*UAZEH08A - 8kW Heater with 45A Breaker

**UAZEH15A - 15kW Heater with 30A & 60A Breakers