



[Light Commercial]

# ULTRANIXX

Features:  Standard  Optional



Self-diagnosis



Comprehensive protection



High ESP



Wide operation range



High efficiency



Intelligent defrosting



Energy saving function



Inner groove copper

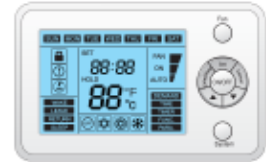
Ultratrix 18SEER 24V D.C inverter condensing unit, which is a newly designed and high efficient air conditioners, are targeted at the North America market and mainly applied to villas, office buildings, supermarkets, hotels, restaurants, etc.



2/3 Ton



4/5 Ton



- The outdoor unit adopts an inverter compressor, efficiency is up to 20SEER & 10.5HSPF.
- Adopt Gree two-stage compression EVI technology, small performance decline at extremely hot or cold area.

Ultra Heat: strong heating at low ambient temperature  
 100% Heating Capacity down to -5°F(-20°C) \*  
 78% Heating Capacity down to -22°F(-30°C) \*

Ultra Cool: strong cooling at high ambient temperature:  
 100% Cooling Capacity up to 115°F(46°C)\*  
 78% Cooling Capacity up to 130°F(54°C)\*

- Compatible with most standard 24V thermostat in the market.
- Inverter technology, quieter, more comfortable, more energy saving.
- Installation similar to traditional air conditioner, few training needed for experienced installers.
- Compact space saving design; perfect for installation with space limitation such as zero-lot-line house.

\*Notes: Test results based on condenser GUD36W/A-D(U) and air handler GUD24A/A-D(U).



Max.Piping Length(m(ft.))	2 Ton	3 Ton	4 Ton	5 Ton
Max Refrigerant Pipe Length Between IDU and ODU	50(164)	50(164)	50(164)	50(164)
Max Vertical Height Difference Between IDU and ODU	15(49-1/4)	15(49-1/4)	15(49-1/4)	15(49-1/4)

Item	Normal Operating Condition(temperature)				Operating Condition (temperature)
	Outdoor Condition		Indoor Condition		Outdoor Condition
	DB(°F )	WB(°F )	DB(°F )	WB(°F )	DB(°F )
Cooling	95.0	75.0	80.0	67.0	5-125.6
Heating	47.0	43.0	70.0	60.0	-22-75.2

## Specifications Condensing Unit

Model		KU36UHO <sup>2</sup>			KU60UHO <sup>1,2</sup>	
Capacity Range		Ton	2	3	4	5
Capacity	Cooling	Btu/h	24,000	36,000	48,000	54,000
	Heating	Btu/h	24,000	36,000	48,000	54,000
Power Supply		V,Ph,Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
SEER		-	20	18	17	17
EER		-	11.5	11	10.5	10.5
HSPF		-	10.5	10	10	10
MCA		A	18	24	36	40
MOP		A	20	35	45	50
Refrigerant Charge Volume		lbs	9.3	9.3	12.3	12.3
Sound Pressure Level		dB(A)	60	62	64	65
Connecting Pipe	Liquid	inch	3/8	3/8	3/8	3/8
	Gas	inch	3/4	3/4	3/4	3/4
Dimension (WxDxH)	Outline	inch	37x18-1/8x32-1/4	37x18-1/8x32-1/4	39-3/8x14-5/8x53-3/4	39-3/8x14-5/8x53-3/4
	Package	inch	42-5/8x22-5/8x38-1/4	42-5/8x22-5/8x38-1/4	45x18-7/8x59-3/8	39-3/8x14-5/8x53-3/4
Net Weight /Gross Weight		lbs	217.2/240.3	217.2/240.3	304/328	304/328
Loading Quantity	40'GP	set	84	84	48	48
	40'HQ	set	84	84	48	48
Temperature Operation Range For Cooling (°F)			5~125.6	5~125.6	5~125.6	5~125.6
Temperature Operation Range For Heating (°F)			-22~75.2	-22~75.2	-22~75.2	-22~75.2

## Air Handler

Model		KU24UH <sup>1</sup>		KU36UH <sup>1</sup>		KU48UH <sup>1</sup>		KU60UH <sup>1</sup>	
Capacity	Cooling	Btu/h	24,000	36,000	48,000	57,000			
	Heating	Btu/h	24,000	36,000	48,000	57,000			
Power Supply		V,Ph,Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60			
Power Consumption		W	150	200	400	500			
Air Flow Volume		m <sup>3</sup> /h	1530	1700	2720	2975			
		CFM	950	1000	1600	1750			
MCA		A	5	5	8	8			
ESP(Max)		In.wg	0.4	0.4	0.5	0.5			
Sound Pressure Level		dB(A)	48	49	52	53			
Connecting Pipe	Liquid	inch	3/8	3/8	3/8	3/8			
	Gas	inch	3/4	3/4	3/4	3/4			
Dimension (WxDxH)	Outline	inch	21-1/4x21-1/4x48-1/4	21-1/4x21-1/4x48-1/4	24-7/8x21-1/4x48-1/4	24-7/8x21-1/4x48-1/4			
	Package	inch	23-1/2x24-3/4x50-3/4	26x23-3/4x50-3/8	27x24-1/2x51	27x24-1/2x51			
Net Weight /Gross Weight		lbs	156.5/169.8	156.5/169.8	178/192	178/192			
Loading Quantity	40'GP	set	85	85	85	85			
	40'HQ	set	114	114	114	114			

<sup>1</sup> Note: This product is under development. Please confirm the final specifications with the sales representatives.

<sup>2</sup> Note: 3Ton ODU can be switched to 2Ton ODU. 5Ton ODU can be switched to 4Ton ODU.