

# UNITED

S O L A R + A I R

THE AURUS WIFI MINI SPLIT IS THE IDEAL AIR COMFORT SYSTEM

Keep your home cool (or warm), comfortable, and cost effective. This high quality ductless heat pump is energy efficient and priced affordably to keep any room in your household at your desired temperature.

 **AURUS**  
Equipos Electrónicos Inteligentes



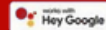
WIFI INTEGRATION ALLOWS YOU TO CONTROL MINI SPLIT TEMPERATURE FROM YOUR SMARTPHONE  
(compatible with Alexa and Google Assistant)

## FEATURES:

- Cooling & heating ductless inverter technology system
- AHRI certified, UL certified
- Save up to 60% on energy compared to conventional ON-OFF mini splits
- Warranty: up to 12 years on compressor, 10 years parts with registration
- 4 different modes of operation: cool, heat, fan, and dry
- Low noise output
- Pre-loaded with R410 gas
- Turbo mode allows you to reach the desired room temperature faster (hot or cold)
- Sleep mode offers energy savings
- 3-Speed & Auto-speed blower
- Automatic air swing, two-direction air vent for even air distribution
- Cross flow technology to reduce noise output
- Easy maintenance - panel removes for access, washable filters
- Capable of removing moisture at a rate of 1.6 liters per hour
- Gold Fin condenser has an anticorrosive layer that protects condensers from outdoors, improves heat transfer efficiency and accelerates the defrosting process. The unique anti-corrosive golden coating on the condenser can withstand the salty air, rain and other corrosive factors.



Smartphone App



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**INVERTER**  
SERIES **L**

# UNITED SOLAR + AIR

W H O L E S A L E

A NEW FORM OF COMFORT

MODEL		UNITS	12K 115V	12K 220V	18k 220V	24K 220V
Type			Cooling & Heating	Cooling & Heating	Cooling & Heating	Cooling & Heating
Control type			Remote	Remote	Remote	Remote
Power supply			115V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
Rated Cooling (95F/35C)	Rated cooling capacity	Btu/h	12000	12000	18000	24000
	EER (95F/35C)	Btu/W.h	10.5	10.5	10	9.5
	SEER	Btu/W.h	20	19	19	18
Rated Heating (47F/8.3C)	Rated Heating capacity(47F/8.3C)	Btu/h	12000	12500	19000	24400
	Max. Heating capacity(47F/8.3C)	Btu/h	9000	9000	10000	18000
	HSPF2 Rating (Region IV)	Btu/W.h	10	9.5	10	10
	COP2 (47F/8.3C)	W/W	3	3.2	3	3
	COP2 (5F°/-15F°)	W/W	1.75	1.75	1.75	1.75
Rated Input Consumption	Cooling	W	1140	1140	1800	2520
	Heating	W	1170	1140	1850	2390
Rated Current	Cooling	A	10.1	5.1	8	11.2
	Heating	A	10.4	5.1	8.3	10.6
Min. Circuit Ampacity		A	19	10	12	18
Maximum Fuse Size		A	30	15	20	30
Moisture removal		Liters/h	1.6	1.6	2.2	2.6
		Pin/Day	81	81	111.5	131.5
Maximum Operation Pressure		PSIG	550	550	550	550
Indoor noise level at cooling	Turbo/High/Med/Low/Mute		42/39/34/29/27	42/39/34/29/27	48/45/40/35/31	51/48/43/38/35
Outdoor noise level		dB(A)	52	52	52	58
Connecting Pipe	Gas	inches	3/8"	3/8"	3/8"	1/2"
	Liquid	inches	1/4"	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4×16AWG	4×16AWG	4×16AWG	4×16AWG
Suitable area		Sq. Ft.	Up to 550	Up to 550	Up to 750	Up to 1000
Net dimensions (W x D x H)	Indoor	mm	811x292x205	811x292x205	1010x315x220	1186x340x260
		inch	31.92x11.49x8.07	31.92x11.49x8.07	39.76x12.40x8.66	46.69x13.38x10.23
	Outdoor	mm	728x305x550	715x290x498	780x349x605	845x380x699
		inch	28.66x12.01x21.65	28.14x11.42x19.61	30.70x13.74x23.81	33.26x14.96x27.51
Net weight	Indoor	kg/lbs	9/19.8	9/19.8	13/28.7	17/37.5
	Outdoor	kg/lbs	29.5/65	26/57.3	33.5/73.8	43.5/95.9
Indoor Packing dimensions (W x D x H)		mm	885x366x278	885x366x278	1096x390x300	1265x420x337
		inch	34.84x14.40x10.94	34.84x14.40x10.94	43.15x15.35x11.81	49.80x16.54x13.27
Outdoor Packing dimensions (W x D x H) (without pipe)		mm	818x325x538	818x325x538	890x385x640	950x420x750
		inch	32.20x12.80x21.18	32.20x12.80x21.18	35.03x15.15x25.2	37.40x16.53x29.53
Outdoor Packing dimensions (W x D x H) (with pipe)		mm	838x338x550	838x338x550	900x405x655	960x430x750
		inch	33.00x13.31x21.65	33.00x13.31x21.65	35.43x15.94x25.79	37.79x16.92x29.53
Gross weight (without pipe)	Indoor	kg/lbs	11/24.2	11/24.2	16/35.3	21/46.3
	Outdoor	kg/lbs	28.5/62.8	28.5/62.8	37/81.5	46.8/103.2
Gross weight (with 16.4 ft pipe)	Outdoor	kg	30	30	38.5	48.6
	Outdoor	lbs	66.3	66.3	84.9	107.3
Loading Capacity (IN+OUT)	40'HC (without pipe)		285	285	187	129
Loading Capacity (IN+OUT)	40'HC (with pipe)		250	250	180	129
Loading Capacity (IN/OUT)	40'HC/ 40'GP/ 20'GP		718/638/302	718/638/302	476/417/198	322/276/126
Loading Capacity (OUT)	40'HC/ 40'GP/ 20'GP(without pipe)		400/400/196	400/400/196	284/213/102	189/187/89
Loading Capacity (OUT)	40'HC/ 40'GP/ 20'GP(with pipe)		360/358/167	360/358/167	274/207/100	189/187/89
Factory Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25
Maximum Line Length		(m/ft)	15 / 50	15 / 50	20 / 65	20 / 65
Maximum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33	10 / 33	15 / 49	15 / 49
Additional refrigerant charge		(g/m, oz/ft)	20 / 0.22	20 / 0.22	20 / 0.22	20 / 0.22
Operation temperature		°C	16~31	16~31	16~31	16~31
Ambient temperature	Indoor(cooling/ heating)	°C	>=17/<=30	>=17/<=30	>=17/<=30	>=17/<=30
	Outdoor(cooling/heating)	°C	-15~50/-20~30	-15~50/-20~30	-15~50/-20~30	-15~50/-20~30
Ambient temperature	Indoor(cooling/ heating)	°F	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86
	Outdoor(cooling/heating)	°F	5~122/-4~86	5~122/-4~86	5~122/-4~86	5~122/-4~86
Stacking layers	Indoor	pieces	7	7	6	6
	Outdoor	pieces	5	6	4	3



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