



Aurus Star

The brightest choice in comfort

Up to
24SEER2



AHRI CERTIFIED™



www.aurususa.com

Next-Gen comfort



R454B Refrigerant



Wi - Fi



Gold Fin Condenser



Fan Speed



Turbo Cooling



Quiet Mode

Total trust coverage



*Terms and conditions apply.

The smartest investment for your home, an air conditioner with a warranty that ensures long-lasting performance.

Easy Control

Three ways to control, one single comfort. With voice, remote control, or app, your minisplit adapts to you. Enjoy the ease of controlling everything your way, from the comfort of your space.



Control using the app
SmartHome-SmartLife



The images shown are for illustration purposes only and may not be an exact representation of the product.

AURUS STAR 24 SEER Technical Specifications			12K-SEER 24-115V	12K-SEER 24-220V	24K-SEER 24-220V
Model			ARU454-H12A1/INVL-US2	ARU454-H12A2/INVL-US2	ARU454-H24A2/INVL-US2
Type			cooling&heating	cooling&heating	cooling&heating
Control type			remote	remote	remote
Power supply			115V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P
"Rated Cooling (95F/35C)"	Rated cooling capacity (95F/35C)	Btu/h	12000	12000	23000
	Cooling Capacity Range	Btu/h	2500~12500	2500~12500	4700~25000
	EER2 (95F/35C)	Btu/W.h	13.0	13.0	12.0
	SEER2	Btu/W.h	23.0	24.0	23.0
Rated Heating	Rated Heating capacity(-47F/8.3C)	Btu/h	12400	12600	25000
	Rated Heating capacity(-17F/-8.3C)	Btu/h	7800	8100	14000
	Range Heating capacity	Btu/h	2500~15000	2500~15000	4700~26500
	HSPF2 Rating (Region IV)	Btu/W.h	10	10	9.5
	HSPF2 Rating (Region V)	Btu/W.h	8.6	8.6	8.2
	COP2 (47F/8.3C)	W/W	3.81	3.81	3.41
	Max. Heating capacity (5°F/-15°C)	W/W	8900	9100	18600
	COP2 (5°F/-15°C)	W/W	2.1	2.1	1.8
	Max. Heating capacity (-5°F/-20°C)	Btu/h	8000	8100	15600
	Max. Heating capacity (-13°F/-25°C)	Btu/h	6450	6550	13800
Rated Input Consumption	Cooling	W	960	970	1860
	Heating	W	945	925	2000
Rated Current	Cooling	A	8.5	6.2	8.3
	Heating	A	8.5	4.2	9.0
E-STAR			YES	YES	YES
NEEP, Canada			YES	YES	YES
Min. Circuit Ampacity		A	18.0	10.0	17.0
Max. Fuse size		A	30	15	25
Moisture removal		Liters/h	1.6	1.6	2.6
Max allowed puressure		Mpa	5.0	5.0	5.0
Indoor noise level at cooling	Turbo/High/Med./Low/Mute		46/44/36/32/30	46/44/36/32/30	50/47/43/38/34
Outdoor noise level		dB(A)	52	52	54.0
Connecting Pipe	Gas	inches	3/8"	3/8"	5/8"
	Liquid	inches	1/4"	1/4"	1/4"
Connecting Wiring	Size x Core number		4×16AWG	4×16AWG	4×16AWG
Suitable area		sq.ft	Up to 550	Up to 550	Up to 1500
INDOOR UNIT					
Indoor Motor	Motor Brand		Weilling	Weilling	Broad-Ocean
Indoor air circulation-Turbo/Hi/Mid/Lo/Mute		m3/h	850/800/700/550/350	850/800/700/550/350	1250/1150/900/720/670
		CFM	500/470/411/323/205	500/470/411/323/205	735/676/529/423/394
OUTDOOR UNIT					
Refrigerant		Type	R454B	R454B	R454B
		g	1000	1000	1560
	1oz=28.35g	ozs	35.27	35.27	55.03
Compressor	Brand		GMCC	GMCC	SANYO
Outdoor Motor	Motor Brand		Weilling	Weilling	Broad-Ocean

AURUS STAR 24 SEER Technical Specifications			12K-SEER 24-115V	12K-SEER 24-220V	24K-SEER 24-220V
Net dimensions (W x D x H)	Indoor	mm	920×306×195	920×306×195	1097×332×222
		inch	36.22×12.05×7.68	36.22×12.05×7.68	43.18×13.07×8.74
	Outdoor	mm	810×305×549	810×305×549	978×421×803
		inch	31.88×12.00×21.61	31.88×12.00×21.61	38.50×16.57×31.61
Net weight	Indoor	kg/lbs	10.5	10.5	14
			23.1	23.1	30.9
	Outdoor	kg/lbs	26.5	26.5	47.5
			58.4	58.4	104.7
Indoor Packing dimensions (W x D x H)		mm	990×380×265	990×380×265	1165×405×295
		inch	38.98×14.96×10.43	38.98×14.96×10.43	45.87×15.95×11.61
"Outdoor Packing dimensions (W x D x H) (without pipe)"		mm	835×328×575	835×328×575	1022×480×811
		inch	32.87×12.91×222.63	32.87×12.91×222.63	40.23×18.89×31.92
"Outdoor Packing dimensions (W x D x H) (with 5 pipe)"		mm	852×358×600	852×358×600	1022×480×835
		inch	33.54×14.09×23.62	33.54×14.09×23.62	40.23×18.89×32.87
"Outdoor Packing dimensions (W x D x H) (with super package with pipe)"		mm	854×360×636	854×360×636	/
		inch	33.62×14.17×25.03	33.62×14.17×25.03	/
Gross weight (without pipe)	Indoor	kg	14	14	16
		lbs	30.9	30.9	35.3
	Outdoor	kg	29.5	29.5	54
		lbs	65.0	65.0	119.0
Gross weight (with 5m pipe)	Outdoor	kg	31.5	31.5	57
		lbs	69.4	69.4	125.7
Gross weight(with super package with pipe)	Outdoor	kg	32	32	/
		lbs	70.5	70.5	/
Factory Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25
MXimum Line Length		(m/ft)	15 / 50	15 / 50	20 / 65
MXimum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33	10 / 33	15 / 49
Additional refrigerant charge		(g/m, oz/ft)	10 / 0.11	10 / 0.11	10 / 0.11
Operation temperature		°C	16~31	16~31	16~31
Ambinet temperature	Indoor(cooling/ heating)	°C	>=17/<=30	>=17/<=30	>=17/<=30
	Outdoor(cooling/heating)	°C	-15~55/-25~30	-15~55/-25~30	-15~55/-25~30
Ambinet temperature	Indoor(cooling/ heating)	F	62~89/32~86	62~89/32~86	62~89/32~86
	Outdoor(cooling/heating)	F	5~131/-13~86	5~131/-13~86	5~131/-13~86