



Aurus Sky

Elevate your cool



17SEER2



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Next-Gen comfort



Gold Fin Condenser



Fan Speed



Turbo Cooling



Quiet Mode



Anti Vibration pads



Control holder



5-in-1 Comfort

Enjoy cooling, heating, dehumidification, fan operation, and smart auto mode.

Total trust coverage

A smart home investment with a reliable warranty that delivers long-term.



Control using the app
SmartHome-SmartLife



Easy Control

Control your minisplit your way, by voice, remote, or app for effortless comfort at any time.



AURUS INVERTER 16 SEER Technical Specifications			12K-SEER 17-115V	12K-SEER 17-220V	18K-SEER 17-220V	24K-SEER 17-220V	36K-SEER 17-220V	
Model			ARU32-H12A1/INVL-US2	ARU32-H12A2/INVL-US2	ARU32-H18A2/INVL-US2	ARU32-H24A2/INVL-US2	ARU32-H36A2/INVL-US2	
Type			cooling&heating	cooling&heating	cooling&heating	cooling&heating	cooling&heating	
Control type			remote	remote	remote	remote	remote	
Power supply			115V~/60Hz/1P	208/230V~/60Hz/1P	208-230V~/60Hz/1P	208/230V~/60Hz/1P	208/230V~/60Hz/1P	
"Rated Cooling (95F/35C)"	Rated Cooling capacity (95F/35C)	Btu/h	11500	11500	17000	23000	35000	
	Range Cooling capacity	Btu/h	2050~12000	2050~12000	4095~17700	5120~24500	7500~36000	
	EER2 (95F/35C)	Btu/W.h	9.5	9.5	9.5	9.5	9.5	
	SEER2	Btu/W.h	17	17	17	17	17	
Rated Heating	Rated Heating capacity(47F/8.3C)	Btu/h	11500	11500	16500	22400	35400	
	Rated Heating capacity(17F/-8.3C)	Btu/h	6800	6800	10000	13500	20400	
	Range Heating capacity	Btu/h	2050~12500	2050~12500	4095~17700	5120~24500	7500~36000	
	HSPF2 Rating (Region IV)	Btu/W.h	9.5	8.3	8.5	9.5	8.5	
	HSPF2 Rating (Region V)	Btu/W.h	8.1	7.1	7.2	8.5	7.5	
	COP2 (47F/8.3C)	W/W	3.3	3.2	3.2	3.3	3.2	
	Max. Heating capacity (5°F/-15°C)	W/W	8000	7000	9500	12000	18000	
Rated Input Consumption	Cooling	W	1180	1170	1770	2365	3350	
	Heating	W	1005	1100	1440	1900	3000	
Rated Current	Cooling	A	10.38	5.1	8	12	18.5	
	Heating	A	8.78	4.8	6.5	13	18.5	
NEEP, Canada			NO	NO	NO	NO	NO	
Energy Star			NO	NO	NO	NO	NO	
Min. Circuit Ampacity		A	18	11	12	17	23	
Max. Fuse size		A	25	15	20	25	35	
Moisture removal		Liters/h	1.3	1.3	1.6	2.4	3	
Maximum Operation Pressure		Mpa	5	5	5	5	5	
Indoor noise level at cooling	Turbo/High/Med./Low/Mute	dB(A)	43/40/36/33/29	45/42/39/35/33	49/45/43/40/37/34/32	50/48/47/46/43/40/37	55/52/46/41/39	
Outdoor noise level		dB(A)	53	55	57	56	63	
Connecting Pipe	Gas	inches	3/8"	3/8"	3/8"	1/2"	5/8"	
	Liquid	inches	1/4"	1/4"	1/4"	1/4"	1/4"	
Connecting Wiring		Size x Core number	4×16AWG	4×16AWG	4×16AWG	4×0.75mm2	4×16AWG	
Suitable area		sq.ft	Up to 550	Up to 550	Up to 1000	Up to 1500	Up to 2500	
INDOOR UNIT								
Indoor Motor	Motor Brand		Tongde	Weilling	Weilling	Weilling	Broad-Ocean	
	Motor Type		AC	AC	DC	DC	DC	
	Motor Model		RPG20K-3	YKFG-15-4-159L	ZKFP-30-8-309L	ZKFP-20-8-148	ZWK465B00501	
	Output		W	20	13	25	25	45
	Speed-Cool-Turbo/Hi/Mid/Lo/Mute		rpm	1350/1200/1000/900/750	1270/1200/1060/940/870	1400/1260/1050//870/800	1250/1150/970/800/750	1250/1150/970/800/750
	Speed-Dry		rpm	900	1270	870	920	1250
Speed-Heat-Turbo/Hi/Mid/Lo/Mute		rpm	1350/1200/1050/950/850	1270/1200/1060/940/870	1300/1200/1000/800/750	1270/1200/1000/850/750	1250/1150/970/800/750	
Indoor air circulation-Turbo/Hi/Mid/Lo/Mute		m3/h	470/450/410/380/350	500/450/400/350/270	700/620/500/400/355	1150/1070/860/700/600	1500/1260/960/780/700	
		CFM	276/265/241/224/206	294/264/235/206/159	412/364/294/235/208	676/629/505/412/352	882/741/564/458/411	

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OUTDOOR UNIT							
Refrigerant	Type		R32	R32	R32	R32	R32
		g	500	500	670	1040	1590
	1oz=28.35g	ozs	17.63	17.63	23.63	36.68	56.08
Compressor	Model		KSN98D31UEZW31	KSN98D31UEZW31	GSD113RKQF6JV6B	C-1RZ140H3CBF	KTM240D43UMT
	Type		rotary	rotary	rotary	rotary	rotary
	Brand		GMCC	GMCC	Highly	SANYO	GMCC
	Refrigerant oil	ml	VG74, 280CC	VG74, 280ml	FC-68HP or equivalent 400CC	ALF68SZ,400CC	VG74, 620CC
Outdoor Motor	Motor Brand		Weilling	Weilling	Welling	Welling	Broad-Ocean
	Motor Type		DC	DC	DC	DC	DC
	Motor Model		ZKFN-33-10-1L	ZKFN-33-10-1L	ZKFN-33-10-1L	ZKFN-33-10-1L	ZW511B500037
	Output	W	33	33	33	33	85
	Speed	rpm	1000	1000	1000	1000	"930/930/850/750/590 890/890/770/690/590"
Net dimensions (W x D x H)	Indoor	mm	777×250×201	777×250×201	910×294×206	1010×315×220	1191×360×258
		inch	30.59x9.84x7.91	30.59x9.84x7.91	35.82x11.57x8.11	39.76x12.40x8.66	46.88x14.17x10.15
	Outdoor	mm	787×290×498	787×290×498	810×305×549	863×349×602	978×421×803
		inch	30.98x11.41x19.60	30.98x11.41x19.60	31.88x12.00x21.61	33.97x13.74x23.70	38.50x16.57x31.61
Net weight	Indoor	kg	7.5	7.5	9.5	12	17.5
		lbs	16.5	16.5	20.9	26.5	38.6
	Outdoor without pipe	kg	21	20.5	24.0	29.5	48.0
		lbs	46.3	45.2	52.9	65.0	105.8
Indoor Packing dimensions (W x D x H) (without pipe)		mm	840×315×260	840×315×260	979×372×277	1096×390×297	1260×430×328
		inch	33.07x12.40x10.23	33.07x12.40x10.23	38.54x14.64x10.90	43.14x15.35x11.69	49.60x16.92x12.91
Indoor Packing dimensions (W x D x H) (with pipe)		mm	850×320×275	850×320×275	979×372×292	1096×390×312	1260×430×338
		inch	33.46x12.59x10.82	33.46x12.59x10.82	38.54x14.64x11.49	43.14x15.35x12.28	49.60x16.92x13.30
"Outdoor Packing dimensions (W x D x H) (without pipe)"		mm	818×325×515	818×325×515	852×358×600	890×385×628	1022×480×811
		inch	32.20x12.79x20.27	32.20x12.79x20.27	33.54x14.09x23.62	35.03x15.15x24.72	40.23x18.89x31.92
"Outdoor Packing dimensions (W x D x H) (with pipe)"		mm	838×338×540	838×338×540	/	900×405×645	1022×480×835
		inch	32.99x13.30x21.25	32.99x13.30x21.25	/	35.43x15.94x25.39	40.23x18.89x32.87
"Outdoor Packing dimensions (W x D x H) (with super package with pipe)"		mm	838×338×580	838×338×580	854×360×636	900×405×685	/
		inch	32.99x13.30x22.83	32.99x13.30x22.83	33.62x14.17x25.03	35.43x15.94x26.96	/
Gross weight (without pipe)	Indoor	kg	9.5	9.5	12.5	15	21
		lbs	20.94	20.94	27.56	33.07	46.30
	Outdoor	kg	23	22.5	26.5	32	52
		lbs	50.71	49.60	58.42	70.55	114.6
Gross weight (with 5m pipe)	Outdoor	kg	24	23.5	27.5	33.5	54.5
		lbs	52.91	51.81	60.63	73.85	120.2
Gross weight (with super package with pipe)	Outdoor	kg	24.5	24	28	34	/
		lbs	54.01	52.91	61.73	74.96	/
Factory Precharge Line		(m/ft)	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25	7.5 / 25
Maximum Line Length		(m/ft)	15 / 50	15 / 50	15 / 50	20 / 65	30 / 98
Maximum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33	10 / 33	10 / 33	15 / 49	20 / 65
Additional refrigerant charge		(g/m, oz/ft)	10 / 0.11	10 / 0.11	10 / 0.11	10 / 0.11	10 / 0.11
Operation temperature		°C	16~31	16~31	16~31	16~31	16~31
Ambient temperature	Indoor(cooling/ heating)	°C	>=17/<=30	>=17/<=30	>=17/<=30	>=17/<=30	>=17/<=30
	Outdoor(cooling/heating)	°C	12~50/-15~30	12~50/-15~30	12~50/-15~30	12~50/-15~30	12~50/-15~30
Ambient temperature	Indoor(cooling/ heating)	F	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86	>=62/<=86
	Outdoor(cooling/heating)	F	53.6~122/5~86	53.6~122/5~86	53.6~122/5~86	53.6~122/5~86	53.6~122/5~86