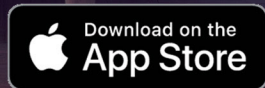




INVERTER
SERIES **L**

Control using the app
SmartHome-SmartLife



16SEER2



R32 Refrigerant



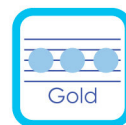
Fan Speed



Smartphone App



5in1



Gold Fin Condenser



Quiet Mode



Turbo Cooling

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

AURUS INVERTER 16 SEER Technical Specifications			12K-SEER 16-115V	12K-SEER 16-220V	18K-SEER 16-220V	24K-SEER 16-220V
Model			ARU32-H12A1/INVL-US2	ARU32-H12A2/INVL-US2	ARU32-H18A2/INVL-US2	ARU32-H24A2/INVL-US2
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 (95F/35C)	Btu/h	12000	12000	18000	24000
	Range Cooling capacity	Btu/h	2050~12000	2050~12000	4095~17700	5120~24500
	EER2 (95F/35C)	Btu/W.h	9.5	9.5	9.5	9.5
	SEER2	Btu/W.h	16	16	16	16
Rated Heating	Rated Heating capacity(47F/8.3C)	Btu/h	11500	11500	16500	22400
	Rated Heating capacity(17F/-8.3C)	Btu/h	6800	6800	10000	13500
	Range Heating capacity	Btu/h	2050~12500	2050~12500	4095~17700	5120~24500
	HSPF2 Rating (Region IV)	Btu/W.h	9.5	8.3	8.5	9.5
	HSPF2 Rating (Region V)	Btu/W.h	8.1	7.1	7.2	8.5
	COP2 (47F/8.3C)	W/W	3.3	3.2	3.2	3.3
	Max. Heating capacity (5°F/-15°C)	W/W	8000	7000	9500	12000
	COP2 (5°F/-15°C)	W/W	1.9	1.75	1.8	1.8
	Max. Heating capacity (-5°F/-20°C)	Btu/h	/	/	/	/
Rated Input Consumption	Cooling	W	1180	1170	1770	2365
	Heating	W	1005	1100	1440	1900
Rated Current	Cooling	A	10.38	5.1	8	12
	Heating	A	8.78	4.8	6.5	13
NEEP, Canada			NO	NO	NO	NO
Energy Star			NO	NO	NO	NO
Min. Circuit Ampacity		A	18	11	12	17
Max. Fuse size		A	25	15	20	25
Moisture removal		Liters/h	1.3	1.3	1.6	2.4
Maximum Operation Pressure		Mpa	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
Outdoor noise level		dB(A)	53	55	57	56
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	4×0.75mm2
Suitable area		sq.ft	Up to 550	Up to 550	Up to 1000	Up to 1500
INDOOR UNIT						
Indoor Motor	Motor Brand		Tongde	Weilling	Weilling	Weilling
	Motor Type		AC	AC	DC	DC
	Motor Model		RPG20K-3	YKFG-15-4-159L	ZKFP-30-8-309L	ZKFP-20-8-148
	Output	W	20	13	25	25
	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
	Speed-Dry	rpm	900	1270	870	920
	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
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
	CFM		276/265/241/224/206	294/264/235/206/159	412/364/294/235/208	676/629/505/412/352

AURUS INVERTER 16 SEER Technical Specifications			12K-SEER 16-115V	12K-SEER 16-220V	18K-SEER 16-220V	24K-SEER 16-220V
OUTDOOR UNIT						
Refrigerant	Type		R32	R32	R32	R32
		g	500	500	670	1040
	1oz=28.35g	ozs	17.63	17.63	23.63	36.68
Compressor	Model		KSN98D31UEZW31	KSN98D31UEZW31	GSD113RKQF6JV6B	C-1RZ140H3CBF
	Type		rotary	rotary	rotary	rotary
	Brand		GMCC	GMCC	Highly	SANYO
	Refrigerant oil	ml	VG74, 280CC	VG74, 280ml	FC-68HP or equivalent 400CC	ALF68SZ,400CC
Outdoor Motor	Motor Brand		Weilling	Weilling	Weilling	Weilling
	Motor Type		DC	DC	DC	DC
	Motor Model		ZKFN-33-10-1L	ZKFN-33-10-1L	ZKFN-33-10-1L	ZKFN-33-10-1L
	Output	W	33	33	33	33
	Speed	rpm	1000	1000	1000	1000
Net dimensions (W x D x H)	Indoor	mm	777×250×201	777×250×201	910×294×206	1010×315×220
		inch	30.59×9.84×7.91	30.59×9.84×7.91	35.82×11.57×8.11	39.76×12.40×8.66
	Outdoor	mm	787×290×498	787×290×498	810×305×549	863×349×602
		inch	30.98×11.41×19.60	30.98×11.41×19.60	31.88×12.00×21.61	33.97×13.74×23.70
Net weight	Indoor	kg	7.5	7.5	9.5	12
		lbs	16.5	16.5	20.9	26.5
	Outdoor without pipe	kg	21	20.5	24.0	29.5
		lbs	46.3	45.2	52.9	65.0
Indoor Packing dimensions (W x D x H) (without pipe)	mm	840×315×260	840×315×260	979×372×277	1096×390×297	
	inch	33.07×12.40×10.23	33.07×12.40×10.23	38.54×14.64×10.90	43.14×15.35×11.69	
Indoor Packing dimensions (W x D x H) (with pipe)	mm	850×320×275	850×320×275	979×372×292	1096×390×312	
	inch	33.46×12.59×10.82	33.46×12.59×10.82	38.54×14.64×11.49	43.14×15.35×12.28	
"Outdoor Packing dimensions (W x D x H) (without pipe)"	mm	818×325×515	818×325×515	852×358×600	890×385×628	
	inch	32.20×12.79×20.27	32.20×12.79×20.27	33.54×14.09×23.62	35.03×15.15×24.72	
"Outdoor Packing dimensions (W x D x H) (with pipe)"	mm	838×338×540	838×338×540	/	900×405×645	
	inch	32.99×13.30×21.25	32.99×13.30×21.25	/	35.43×15.94×25.39	
"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	32.99×13.30×22.83	32.99×13.30×22.83	33.62×14.17×25.03	35.43×15.94×26.96	
Gross weight (without pipe)	Indoor	kg	9.5	9.5	12.5	15
		lbs	20.94	20.94	27.56	33.07
	Outdoor	kg	23	22.5	26.5	32
		lbs	50.71	49.60	58.42	70.55
Gross weight (with 5m pipe)	Outdoor	kg	24	23.5	27.5	33.5
		lbs	52.91	51.81	60.63	73.85
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
Maximum Line Length		(m/ft)	15 / 50	15 / 50	15 / 50	20 / 65
Maximum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33	10 / 33	10 / 33	15 / 49
Additional refrigerant charge		(g/m, oz/ft)	10 / 0.11	10 / 0.11	10 / 0.11	10 / 0.11
Operation temperature		°C	16~31	16~31	16~31	16~31
Ambinet temperature	Indoor(cooling/ heating)	°C	>=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
Ambinet temperature	Indoor(cooling/ heating)	F	>=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