

AURUS



17SEER2

ELECTRIC PARTS
1 YEAR
WITH REGISTRATION
WARRANTY
AURUS

INVERTER COMPRESSOR
7 YEAR
WARRANTY
AURUS

- 32 — R32 Refrigerant
- Fan Speed
- 75° — Smartphone App
- 5in1
- Gold — Gold Fin Condenser
- Quiet Mode
- Turbo Cooling
- 3M Pipe

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INVERTER SERIES L

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AURUS INVERTER 17 SEER2 Technical Speci ications			12K-17 SEER2 -115V
Model			ARU32-H12C1/INVL-US2
Type			cooling&heating
Control type			remote
Power supply			115V~/60Hz/1P
"Rated Cooling (95F/35C)"	Rated Cooling capacity (95F/35C)	Btu/h	11500
	Range Cooling capacity	Btu/h	2050~12000
	EER2 (95F/35C)	Btu/W.h	9.5
	SEER2	Btu/W.h	17
Rated Heating	Rated Heating capacity(47F/8.3C)	Btu/h	11500
	Rated Heating capacity(17F/-8.3C)	Btu/h	6800
	Range Heating capacity	Btu/h	2050~12500
	HSPF2 Rating (Region IV)	Btu/W.h	9.5
	HSPF2 Rating (Region V)	Btu/W.h	8.1
	COP2 (47F/8.3C)	W/W	3.3
	Max. Heating capcacity (5°F/-15°C)	W/W	8000
	COP2 (5°F/-15°C)	W/W	1.9
Rated Input Consumption	Cooling	W	1180
	Heating	W	1005
Rated Current	Cooling	A	10.38
	Heating	A	8.78
NEEP, Canada			NO
Energy Star			NO
Min. Circuit Ampacity		A	18
Max. Fuse size		A	25
Moisture removal		Liters/h	1.3
Maximum Operation Pressure		Mpa	5
Indoor noise level at cooling	Turbo/High/Med./Low/Mute	dB(A)	43/40/36/33/29
Outdoor noise level		dB(A)	53
Connecting Pipe	Gas	inches	3/8"
	Liquid	inches	1/4"
Connecting Wiring	Size x Core number		4×16AWG
Suitable area		sq.ft	Up to 550
INDOOR UNIT			
Indoor Motor	Motor Brand		Tongde
	Motor Type		AC
	Motor Model		RPG20K-3
	Output	W	20
	Speed-Cool-Turbo/Hi/Mid/Lo/Mute	rpm	1350/1200/1000/900/750
	Speed-Dry	rpm	900
	Speed-Heat-Turbo/Hi//Mid/Lo/ Mute	rpm	1350/1200/1050/950/850
Indoor air circulation-Turbo/Hi/Mid/Lo/Mute		m3/h	470/450/410/380/350
		CFM	276/265/241/224/206

OUTDOOR UNIT			
Refrigerant		Type	R32
		g	500
	1oz=28.35g	ozs	17.63
Compressor	Model		KSN98D31UEZW31
	Type		rotary
	Brand		GMCC
	Refrigerant oil	ml	VG74, 280CC
Outdoor Motor	Motor Brand		Weilling
	Motor Type		DC
	Motor Model		ZKFN-33-10-1L
	Output	W	33
	Speed	rpm	1000
Net dimensions (W x D x H)	Indoor	mm	777×250×201
		inch	30.59x9.84x7.91
	Outdoor	mm	787×290×498
		inch	30.98x11.41x19.60
Net weight	Indoor	kg	7.5
		lbs	16.5
	Outdoor without pipe	kg	21
		lbs	46.3
Indoor Packing dimensions (W x D x H) (without pipe)		mm	840×315×260
		inch	33.07x12.40x10.23
Indoor Packing dimensions (W x D x H) (with pipe)		mm	850×320×275
		inch	33.46x12.59x10.82
"Outdoor Packing dimensions (W x D x H) (without pipe)"		mm	818×325×515
		inch	32.20x12.79x20.27
"Outdoor Packing dimensions (W x D x H) (with pipe)"		mm	838×338×540
		inch	32.99x13.30x21.25
"Outdoor Packing dimensions (W x D x H) (with super package with pipe)"		mm	838×338×580
		inch	32.99x13.30x22.83
Gross weight (without pipe)	Indoor	kg	9.5
		lbs	20.94
	Outdoor	kg	23
		lbs	50.71
Gross weight (with 3m pipe)	Outdoor	kg	24
		lbs	52.91
Gross weight(with super package with pipe)	Outdoor	kg	24.5
		lbs	54.01
Factory Precharge Line		(m/ft)	7.5 / 25
Maximum Line Length		(m/ft)	15 / 50
Maximum Height Difference Between Indoor and Outdoor		(m/ft)	10 / 33
Additional refrigerant charge		(g/m, oz/ft)	10 / 0.11
Operation temperature		°C	16~31
Ambinet temperature	Indoor(cooling/ heating)	°C	>=17/<=30
	Outdoor(cooling/heating)	°C	12~50/-15~30
Ambinet temperature	Indoor(cooling/ heating)	F	>=62/<=86
	Outdoor(cooling/heating)	F	53.6~122/5~86
Copper pipe length		ft	9.84