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SERIES**

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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
		Pint/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		4x16AWG	4x16AWG	4x16AWG	4x16AWG
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 (INOOR)	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
Indoor air circulation/H/M/L		CFM	383/318/253	383/318/253	606/465/429	847/700/641
Compressor Brand			GMCC	GMCC	SANYO	SANYO
Compressor Model			ASN98D32UEZ	ASN98D32UEZ	C-6RZ210H1BBF	C-6RZ210H1BAF
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



ATTENTION!

This is **NOT** a DIY product. The installation of this equipment should be done only by a Licensed HVAC Installer for the warranty to be valid.

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