Inverter Single
4. Specifications

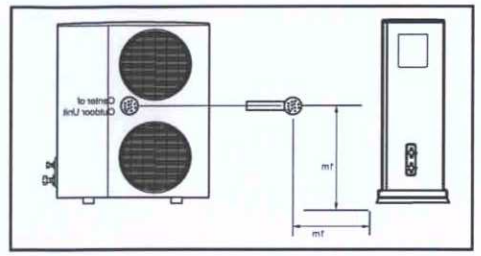
Models				
Cooling Capacity		kW	3.60 (8.00 ~ 8.80)	4.00 (9.00 ~ 9.80)
		Btu/h	12,283 (27,296 ~ 30,026)	13,648 (30,708 ~ 33,438)
Heating Capacity		kW	5.30 (9.80 ~ 10.2)	5.60 (10.40 ~ 11.0)
		Btu/h	18,084 (32,775 ~ 34,802)	19,107 (35,485 ~ 37,532)
Power Input	Cooling/Heating	W	2,650 / 3,180	2,980 / 3,450
Running Current	Cooling/Heating	A	12.0 / 14.5	13.6 / 16.5
Starting Current	Cooling/Heating	A	12.0 / 14.5	13.6 / 16.5
EER		W/W	3.02	3.2
		Btu/h.W	10.3	10.3
COP		W/W	3.02	3.01
Power Supply		Ø / V / Hz	1 / 220~240 / 50	1 / 220~240 / 50
Power Factor		%	97	97
Air Flow Rate	Indoor,Max	m3/min(CFM)	21(350)	25(416)
	Outdoor,Max	m3/min(CFM)	58(2,048)	68(1,133)
Moisture Removal		l/h.	3.5	4.2
Sound Level	Indoor,H/M/L	dB(A)±3	46 / 43 / 39	47 / 44 / 41
	Outdoor,Max	dB(A)±3	54	58
Refrigerant & Charge (at 7.5 m)		g(oz)	R410A, 1,800(63.3)	R410A, 2,200(77.6)
Additional Refrigerant charge		g/m(oz/ft)	30(0.32)	35(0.38)
Compressor	Type		Rotary	Rotary
	Model		5KD240XAE21	5JD420XAD22
	Motor Type		Brushless DC Motor	Brushless DC Motor
	Oil Type		FV50S	FV50S
	Oil Charge	cc	900	1,300
	O.L.P. name		CS-7L 115	CS-7L 115
Fan(Indoor)	Type		Cross Flow Fan	Cross Flow Fan
	Motor Output	W	70	75
Fan(Outdoor)	Type		Propeller	Propeller
	Motor Type		BLDC	BLDC
	Motor Output	W	80	100
Circuit Breaker*		A	25	25
Power Supply Cable		No.*mm2	3 x 2.5	3 x 2.5
Power and Transmission Cable No.*mm2		No.*mm2	4 x 0.75 (Including Earth)	4 x 0.75 (Including Earth)
Piping Connections	Liquid Side	mm(in)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(in)	15.88(5/8)	15.88(5/8)
	Drain Hose(O.D/I.D)	mm(in)	21.5 / 16.0 (0.85 / 0.63)	21.5 / 16.0 (0.85 / 0.63)
Dimensions	Indoor (W*H*D)	mm	1,209 x 346 x 205	1,209 x 346 x 205
		inch	47.6 x 13.6 x 8.1	47.6 x 13.6 x 8.1
	Outdoor (W*H*D)	mm	870 x 806 x 320	870 x 806 x 320
		inch	34.3 x 31.8 x 12.6	34.3 x 41.7 x 12.6
Net Weight	Indoor	kg(lbs)	18(39.7)	19(41.9)
	Outdoor	kg(lbs)	60(132.3)	75(165.3)
Operation Range	Cooling(Outdoor)	°C	-5 ~ 43	-10 ~ 43
	Heating(Outdoor)	°C	-10 ~ 24	-15 ~ 24
Piping Length (Min)		m(ft)	-	-
Piping Length (Max)		m(ft)	50(164)	50(164)
Chargeless		m(ft)	-	-
Max. Elevation Difference		m(ft)	30(98.4)	30(98.4)
Tool Code(Chassis)	Indoor + Outdoor		SD + UE1	SD + UE2
Functions	Temperature Control		Thermistor	Thermistor
	Plasma Filter		O	O
	Prefilter(washable\Anti-fungus)		O	O
	Auto Clean		O	O
	Natural Wind(Auto Wind)		O	O
	Steps, Fan/Cool/Heat		3 / 4 / 3	3 / 4 / 3
	Airflow Direction Control(Up& Down)		Auto	Auto
	Airflow Direction Control(Left & Right)		Auto	Auto
	Setting Temperature	Cooling	18°C ~ 30°C	18°C ~ 30°C
	Range	Heating	16°C ~ 30°C	16°C ~ 30°C
	Auto Operation (Micom Control)		-	-
	Auto Changeover (Micom Control)		O	O
	Self Diagnosis		O	O
	Timer		24h, On/Off	24h, On/Off
	Sleep Operation		O	O
	Soft Dry Operation		O	O
	Restart Delay(Minute)		3	3
	Deice Control(Defrost)		O	O
	Hot Start		O	O
	Jet Cool		O	O
	Low Ambient Operation		O	O
	Deluxe wired remote controller		-	-
	Wireless remote controller		Wireless LCD(EZ-Remocon)	Wireless LCD(EZ-Remocon)
	Dry contact		-	-
	PI 485		-	-

Note : O : Apply, X : Not applied, – : No relation
Filters are optional in some specific areas.
* For Circuit Breaker Rating, please conform to local standards whenever necessary.

Inverter Single
12. Sound levels

12.2 Outdoor Units

Overall



Notes:
- Sound measured at 1m away from the center of the unit.
- Data is valid at free field condition.
- Data is valid at nominal operation condition.
- Reference acoustic pressure 0dB=20Pa.
- Sound level will vary depending on a range of factors such as the construction(acoustic absorption coefficient) of particular room in which the equipment is installed.
- The operating conditions are assumed to be standard.

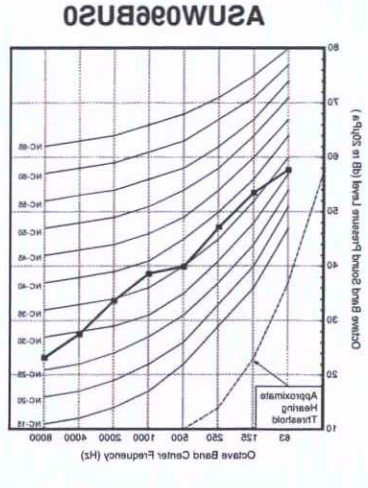
Model	Sound Levels [dB(A)]
	H
ASUW09BUS0	38
ASUW12BUS0	39
ASUW18CUS0	42
ASUW24CUS0	45
ASUW09EUU3	38
ASUW12EUU3	39
ASUW18BUU3	37
ASUW24BUU3	38

Model	Sound Levels [dB(A)]
	H
ASUW09BFUG2	43
ASUW12BFUG2	35
ASUW09BHDW0	39
ASUW12BHDW0	37
ASUW18BUU3	38
ASUW24BUU3	42
ASNW36BDGM0	54
ASNW36BDGM0	58

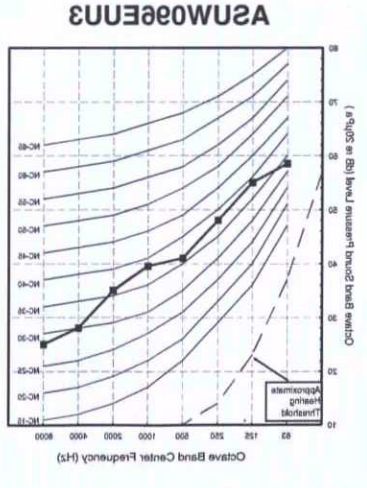
THIS MODEL USED

Sound Pressure Level

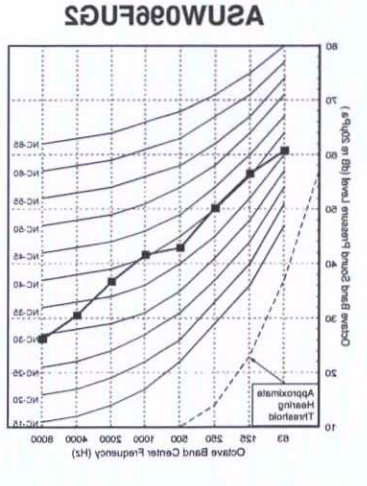
ASUW09BUS0



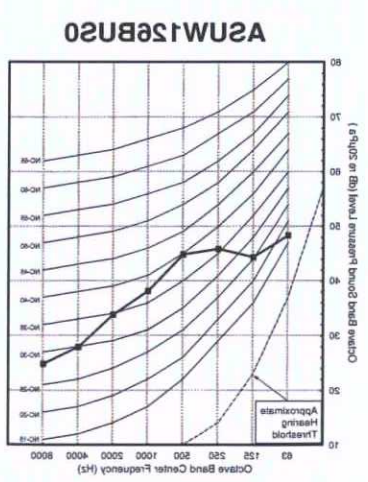
ASUW09EUU3



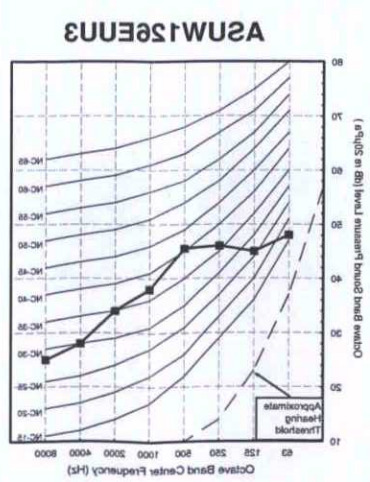
ASUW09BFUG2



ASUW12BUS0



ASUW12EUU3



ASUW12BFUG2

