

3 PRODUCT DATA

3.1 Product Data of Indoor Unit

3.1.1 Duct Type

Model	Indoor unit		ASD-09AIN	ASD-12AIN	ASD-18AIN
	Outdoor unit		ASGE-09AIN WK	ASGE-12AIN WK	ASGE-18AIN WK
Capacity	Cooling Capacity	kW	2.7(0.80-3.40)	3.5(0.90-3.70)	5.0(1.60-5.50)
	Heating Capacity	kW	2.9(0.80-3.70)	3.8(0.90-4.10)	5.6(1.40-6.80)
	PdesignH	kW	2.8	3.0	4.5
Power Input	Cooling	kW	0.84(0.20-1.28)	1.17(0.20-1.40)	1.60(0.55-1.75)
	Heating	kW	0.80(0.20-1.20)	1.05(0.22-1.20)	1.58(0.50-1.90)
Design load			Average		
SEER / SCOP		W/W	5.1/3.8	5.1/3.8	5.1/3.8
Energy Rate(Cooling / Heating)			A/A	A/A	A/A
Indoor Unit			ASD-09AIN	ASD-12AIN	ASD-18AIN
Power Supply			220-240V- 50Hz		
Heat Exchange			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Fan	Drive		direct	direct	direct
	Motor Output	kW	0.04x1	0.05x1	0.07x1
	Air Flow	m ³ /h	650	750	1000
	Rated Ext. Static Pressure	Pa	25	25	25
	Ext. Static Pressure Range	Pa	0-30	0-30	0-30
Sound Pressure Level(H/M/L)		dB(A)	36/35/33/28	37/36/34/28	40/39/36/28
Air Filter			Standard washable synthetic		
Drain Piping		mm	20x1.2	30x1.5	30x1.5
Outline Dimensions (WxHxD)		mm	883x250x665	998x266x721	998x266x721
Net Weight		kg	26	33	33
Outdoor Unit			ASGE-09AIN WK	ASGE-12AIN WK	ASGE-18AIN WK
Power Supply			220-240V- 50Hz		
Heat Exchange			Cross Fin Coil		
Compressor	Type		Rotary	Rotary	Rotary
	Power Input	W	942	942	1440
Refrigerant	Control		Electronic Expansion Valve		
	Charge	kg	1.2	1.2	1.4
Outline Dimensions (WxHxD)		mm	848x540x320	848x540x320	955x700x396
Net Weight		kg	34	34	47
Piping Connections	Liquid	Inch	1/4	1/4	1/4
	Gas	Inch	3/8	3/8	1/2
	Max. Length	m	20	20	20
	Max. Height	m	15	15	15