

SXB [ECODESIGN]

Floor ceiling mono & premium multisplit DC Inverter



UPGRADE (Under development)

New DC motor
with high efficiency.

- Floor ceiling line available in capacities from 2.5 to 5 kW.
- Cooling & heating operation mode.
- DC Inverter and sine wave compressor drive technology (over 3.5 kW).
- "I Feel" function with precise room temperature control.



All sizes



PRODUCT ADVANTAGES

- > Motorized air control in 4 directions, right to left and up to down.
- > Possibility to connect to alarm output, unit ON/OFF output, human presence detector and group control.
- > Operating in ambient temperature, up to -15°C in heating and -10°C in cooling.
- > Pre charge to max tubing length.
- > Heating only mode force option.
- > DC motor with high efficiency.
- > Treatment of corrosion on outdoor units and electronic cards.
- > Possibility to reverse dry contact: normally open / normally closed.



RC08W

[ECODESIGN] Comply with ECO Design regulation

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RCW2 (optional)

- FLEXY MATCH**: FLEXY MATCH
- DC INVERTER**: DC INVERTER
- SINE WAVE COMPRESSOR DRIVE**: SINE WAVE COMPRESSOR DRIVE
- 1 W STANDBY POWER**: 1 W STANDBY POWER
- LOW VOLTAGE STARTUP**: LOW VOLTAGE STARTUP
- LOW TEMPERATURE STARTUP**: LOW TEMPERATURE STARTUP
- R410A FLUID**: R410A FLUID
- ELECTRONIC EXPANSION VALVE**: ELECTRONIC EXPANSION VALVE
- ANTI-DUST AND UV CASING**: ANTI-DUST AND UV CASING
- FILTER CLEAN INDICATION**: FILTER CLEAN INDICATION
- I FEEL**: I FEEL
- WIDE ANGLE LOUVER**: WIDE ANGLE LOUVER
- MOTORIZED 4D AIRFLOW**: MOTORIZED 4D AIRFLOW
- SLEEP MODE**: SLEEP MODE
- HOT KEEP**: HOT KEEP
- PROGRAMMABLE TIMER**: PROGRAMMABLE TIMER
- SELF DIAGNOSTIC-LED**: SELF DIAGNOSTIC-LED
- LOW BATTERY INDICATION**: LOW BATTERY INDICATION
- AUTO RESTART (MEMORY)**: AUTO RESTART (MEMORY)
- REMOTE CONTROL LOCK**: REMOTE CONTROL LOCK
- ADVANCED DEFROST**: ADVANCED DEFROST
- AUTO MODE OPERATION**: AUTO MODE OPERATION
- AUTO FAN**: AUTO FAN
- WIRE CONTROL OPTION**: WIRE CONTROL OPTION
- ALARM OUTPUT**: ALARM OUTPUT
- UNIT ON INPUT**: UNIT ON INPUT
- PRESSENCE DETECTOR OUTPUT**: PRESSENCE DETECTOR OUTPUT
- GROUP CONTROL**: GROUP CONTROL
- SERVICE MONITOR TOOL**: SERVICE MONITOR TOOL
- POWER CONSUMPTION CONTROL**: POWER CONSUMPTION CONTROL
- OUTDOOR UNIT DIGITAL DIAGNOSTIC**: OUTDOOR UNIT DIGITAL DIAGNOSTIC
- OUTDOOR UNIT NIGHT MODE DRY CONTACT**: OUTDOOR UNIT NIGHT MODE DRY CONTACT
- OUTDOOR UNIT STAND-BY**: OUTDOOR UNIT STAND-BY
- ODU**: ODU
- ODU**: ODU
- FULL LENGTH REFRIGERANT PRECHARGE**: FULL LENGTH REFRIGERANT PRECHARGE
- TEST MODE**: TEST MODE
- 10°C**: LOW AMBIENT COOLING
- 15°C**: LOW AMBIENT HEATING
- INTEGRATED WATER PUMP**: INTEGRATED WATER PUMP
- BMS COMPATIBLE**: BMS COMPATIBLE



[TECHNICAL DATA]

Indoor units		AWSI-SXB009-N11	AWSI-SXB012-N11	AWSI-SXB018-N11
Outdoor units		AWAU-YBDE009-H11	AWAU-YBDE012-H11	AWAU-YBDE018-H11
COOLING				
Rated capacity	kW	2.5 (1.4-3.6)	3.5 (1.5-4.4)	5 (1.5-5.8)
Pdesignc	kW	2.5	3.5	5
Input power	kW	0.62	0.98	1.51
SEER/Energy label		5.20/A	5.30/A	5.10/A
Operating limits	°C		-10°/46° Dry bulb	
HEATING				
Rated capacity	kW	3.2 (1.5-4.5)	4.2 (1.5-5.0)	5.6 (1.3-6.5)
Pdesignh	kW	2.5	3.5	4.5
Input power	kW	0.93	1.31	1.59
SCOP/Energy label		3.40/A	3.60/A	3.60/A
Operating limits	°C		-15°/24° Dry bulb	
Capacity @ -10°C	kW	2.37	2.82	3.73
Capacity @ -15°C	kW	2.05	2.5	3.24
INDOOR UNIT				
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	29/37/44	30/41/47	40/48/53
Sound power level (LS/MS/HS)	dB(A)	41/49/56	51/53/58	56/60/66
Airflow (LS/MS/HS)	m³/h	300/350/400	300/350/400	600/750/870
Dehumidification	l/h	1	1.5	2
Outline dimensions (WxHxD)	mm	820x630x190	820x630x190	1200x630x190
Package dimensions (WxHxD)	mm	920x726x273	920x726x273	1300x726x273
Net weight/Gross weight	kg	21/25	22/26	30/35
Part number		7SP012219	7SP012220	7SP012221
OUTDOOR UNIT				
Sound pressure level to 1 m	dB(A)	51	52	53
Sound power level	dB(A)	61	62	65
Airflow	m³/h	1780	1780	2500
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	795x610x290	795x610x290	900x700x340
Package dimensions (WxHxD)	mm	970x650x394	970x650x394	985x730x435
Net weight/Gross weight	kg	38/42	38.5/42.5	56/58.5
Part number		7SP061819	7SP061820	7SP061886
POWER SUPPLY 1~230V - 50 HZ				
Power supply side		Indoor	Indoor	Indoor & Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x2.5
Fuse rating am	A	16	16	20
Electrical connections	mm²	4x1.5	4x1.5	4x1.5
PIPE LINE				
Suction pipe diameter	inches	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"
Max length	m	20	20	30
Max height	m	10	10	15