

FWDB

Floor ceiling monosplit
low temperature for
wine cellar / DC Inverter



- Floor ceiling line available in capacities of 5.3 and 7.2 kW.
- Cooling & heating operation mode.
- DC Inverter and sine wave compressor drive technology.
- "I Feel" function with precise room temperature control.



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[PRODUCT ADVANTAGES]

- Minimum ambient temperature **12°C** inside. Operation down to **-10°C** outdoor.
- Fuzzy logic to control compressor by outdoor fan and electronic expansion valve in extreme low operation temperature.
- Application for wine cellar, garbage room, preparation rooms...
- Possibility to reverse dry contact: normally open / normally closed.

[TECHNICAL DATA]

Indoor units		AWSI-FWDB018-N11	AWSI-FWDB024-N11
Outdoor units 1~230V - 50 Hz		AWAU-YLD018-H11	AWAU-YLD024-H11
COOLING			
Rated capacity	kW	5.3 (1.5~6.4)	7.2 (2.0~7.8)
Pdesignc	kW	5.3	7.2
Rated power input	kW	1.63	2.24
SEER/Energy label		6.1/A++	6.4/A++
Operating limits	°C	-10°/50° Dry bulb	
HEATING			
Rated capacity	kW	5.9 (1.6~7.0)	7.8 (2.0~8.6)
Pdesignh (average climate)	kW	5.3	7.8
Pdesignh (warmer climate)	kW	5.3	7.8
Rated power input	kW	1.49	2.10
SCOP/Energy label (average climate)		3.8/A	3.9/A
SCOP/Energy label (warmer climate)		4.8/A++	4.6/A++
Operating limits	°C	-15°/24° Dry bulb	
Capacity @ -10°C	kW	4.3	7
Capacity @ -15°C	kW	3.7	6
INDOOR UNIT			
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	38/41/44	46/50/52
Sound power level	dB(A)	60	63
Airflow (LS/MS/HS)	m³/h	600/750/900	1100/1250/1400
Dehumidification	l/h	2	2.3
Outline dimensions (WxHxD)	mm	1068x675x235	1068x675x235
Package dimensions (WxHxD)	mm	1145x755x313	1145x755x313
Net weight/Gross weight	kg	25/31.5	25/30
Part number		7SP012227	7SP012228
OUTDOOR UNIT			
Sound pressure level to 1 m	dB(A)	55	57
Sound power level	dB(A)	65	69
Airflow	m³/h	2500	3500
Compressor type		Rotary DCI	Twin Rotary DCI
Outline dimensions (WxHxD)	mm	845x700x320	900x860x315
Package dimensions (WxHxD)	mm	965x755x395	1043x915x395
Net weight/Gross weight	kg	46/50	59/63
Part number 1~230V - 50 Hz		7SP062822	7SP062823
POWER SUPPLY 1~230V - 50 HZ			
Power supply side		Indoor & Outdoor	Indoor & Outdoor
Power cable section	mm²	3x1.0+3x2.5	3x1.0+3x2.5
Fuse rating am	A	10+16	10+20
Electrical connections	mm²	3x0.5	3x0.5
PIPE LINE			
Suction pipe diameter	inches	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	3/8"
Max length	m	30	50
Max height	m	20	25