



FWDB

FLOOR CEILING MONOSPLIT LOW TEMPERATURE FOR WINE CELLAR

- 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.



RCW6

PRODUCT ADVANTAGES

- Cooling operation up to **-10°C** outside and go down up to **12°C** inside.
- Fuzzy logic to control compressor by outdoor fan and electronic expansion valve in extreme low operation temperature.
- Possibility to reverse dry contact: normally open / normally closed.



ACCESSORIES/OPTIONS

Acc.	Reference	Photo	Description	Function
Central controller	7ACEL1707		Central controller	Control up to 64 indoor units with individual setting failure codes indication, ON-OFF dry contact, last operation memory, Modbus.
BMS	7ACEL1708		BMS gateway	Maximum 1024 units could be connected (16 gateway).

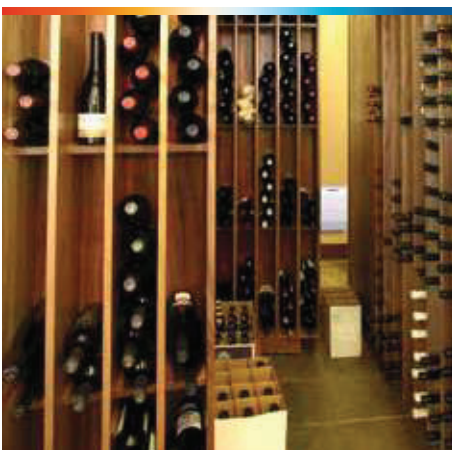
FEATURES

 DC INVERTER	 R410A FLUID	 ELECTRONIC EXPANSION VALVE	 FRESH AIR	 I FEEL	 WIDE ANGLE LOUVER	 SLEEP MODE	 HOT KEEP	 DIGITAL DISPLAY	 SELF DIAGNOSTIC	 RESTART (MEMORY)
 REMOTE CONTROL LOCK	 LEFT/RIGHT DRAIN CONNEXION	 ALARM OUTPUT	 DRY CONTACT ON/OFF	 OUTDOOR MULTI FAN SPEED	 LOW AMBIENT COOLING	 LOW AMBIENT HEATING	 NANO PHOTOCATALYTIC FILTER	 ELECTROSTATIC FILTER - ANTIBACTERIA	 INTEGRATED WATER PUMP	 BMS COMPATIBLE

FWDB TECHNICAL DATA

Indoor units		AWSI-FWDB018-N11	AWSI-FWDB024-N11
Outdoor units 1-230V - 50 Hz		AWAU-YLDO18-H11	AWAU-YLDO24-H11
Outdoor units 3-400V - 50 Hz		-	-
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	-15°/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

AIRWELL SOLUTIONS



IDU	Compatible with ODU
Floor ceiling	ODU single
FWDB	YLD
	