



FWDE

Unique solutions



FLEXY MATCH



ADVANCED CONTROL OPTIONS

FLOOR CEILING MONO

- Floor ceiling line available in capacities 3.5 and 6.8 kW.
- Cooling operation mode.
- Glossy designed unit.
- DC Inverter and sine wave compressor drive technology.
- "I feel" function with precise room temperature control.
- Very low ambient operating temperature.



RC08W

PRODUCT ADVANTAGES

- Dedicated design for wine cellars. Cooling operation up to -10°C outside and go down up to 12°C inside.
- Precharge to max tubing length up to 20 m.
- Fuzzy logic to control compressor by outdoor fan and electronic expansion valve in extrem low operation temperature.

FLEXY MATCH	DC INVERTER	SINE WAVE COMPRESSOR DRIVE	1 W STANDBY POWER	LOW VOLTAGE STARTUP
LOW TEMPERATURE STARTUP	R410A FLUID	ELECTRONIC EXPANSION VALVE	ANTI-DUST AND UV CASING	FILTER CLEAN INDICATION
I FEEL	WIDE ANGLE LOUVER	MOTORIZED 2D AIRFLOW	SLEEP MODE	PROGRAMMABLE TIMER
SELF DIAGNOSTIC-LED	LOW BATTERY INDICATION	RESTART	REMOTE CONTROL LOCK	AUTO FAN
ALARM OUTPUT	UNIT ON OUTPUT	PRESENCE DETECTOR OUTPUT	BMS COMPATIBLE	SERVICE MONITOR TOOL
POWER CONSUMPTION CONTROL	WIRED REMOTE CONTROL DIAGNOSTIC	OUTDOOR UNIT DIGITAL DIAGNOSTIC	OUTDOOR UNIT NIGHT MODE DRY CONTACT	OUTDOOR UNIT STAND-BY
OUTDOOR UNIT ALARM OUTPUT	FULL LENGTH REFRIGERANT PRECHARGE	TECHNICIAN TEST MODE	-10°C	-15°C

FWDE TECHNICAL DATA

Indoor units		AWSI-FWDE012-N11	AWSI-FWDE018-N11	AWSI-FWDE024-N11
Outdoor units		AWAU-YBDE012-H11	AWAU-YBDE018-H11	AWAU-YBDE024-H11
COOLING				
Capacity	kW	3.5 (1.5-4.4)	5.0 (1.5-5.8)	6.8 (1.5-7.6)
Pdesignc	kW	3.5	5.0	6.8
Input power	kW	0.98	1.51	2.25
SEER/Energy Label		5.61/A+	5.1/A	5.1/A
Operating limits	°C	-10°/46° Dry Bulb		
INDOOR UNIT				
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	30/41/45	40/48/51	46/50/54
Sound power level (LS/MS/HS)	dB(A)	51/53/56	56/60/65	58/63/66
Airflow (LS/MS/HS)	m³/h	300/350/400	600/750/870	800/950/1020
Dehumidification	l/h	1.5	2	2.5
Outline Dimensions (WxHxD)	mm	820x630x190	1200x630x190	1200x630x190
Package Dimensions (WxHxD)	mm	920x726x273	1300x726x273	1300x726x273
Net Weight/Gross Weight	kg	22/26	30/35	32/36
Part number		7SP012204	7SP012206	7SP012205
OUTDOOR UNIT				
Sound pressure level to 1 m	dB(A)	52	53	59
Sound power level	dB(A)	62	63	69
Airflow	m³/h	1780	2160	3600
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter
Outline Dimensions (WxHxD)	mm	795x610x290	795x610x290	950x864x340
Package Dimensions (WxHxD)	mm	970x650x394	970x650x394	1140x930x510
Net Weight/Gross Weight	kg	38.5/42.5	38/41	65.5/73
Part number		7SP061820	7SP061884	7SP061885
POWER SUPPLY 1~230V - 50 HZ				
Power supply side		Indoor	Indoor	Outdoor
Power cable section	mm²	3x1.5	3x2.5	3x2.5
Fuse rating am	A	16	20	25
Electrical connections	mm²	4x1.5	4x2.5	4x1.5
PIPE LINE				
Suction pipe diameter	inches	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	3/8"
Max length	m	20	20	30
Max height	m	10	10	15

AIRWELL SOLUTIONS

