

# Airwell

■ Just feel well

FWDE [ **ECODESIGN** ]

Floor ceiling mono /  
DC Inverter



2014 [ **EC COMPLY** ]

Unique solutions



- 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.



All sizes



## 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.



RC08W

[ **EC COMPLY** ] Comply with ECO Design regulation

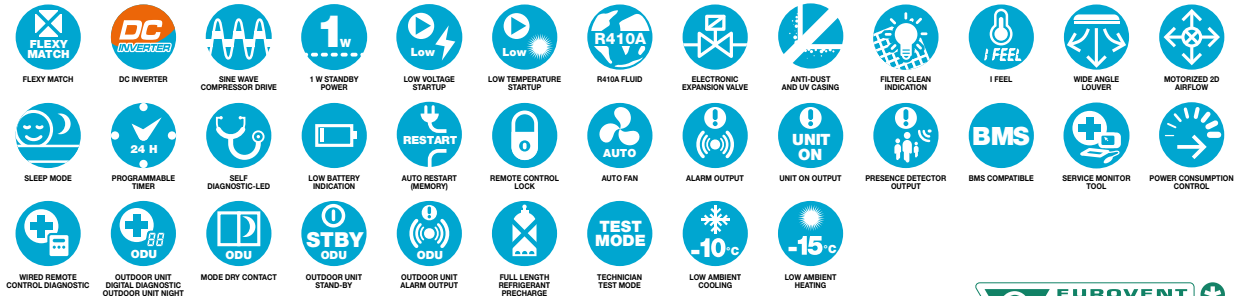
**Airwell**  
**Residential**

AIRWELL ■ ELECTRA ■ JOHNSON

## FWDE

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### [ TECHNICAL DATA ]

Indoor units		AWSI-FWDE012-N11	AWSI-FWDE018-N11	AWSI-FWDE024-N11
Outdoor units		AWAU-YBDE012-H11	AWAU-YBDE018-H11	AWAU-YBDE024-H11
<b>COOLING</b>				
Capacity	kW	3.5 (1.5-4.4)	5.0 (1.5-5.8)	6.8 (1.5-7.6)
Pdesignnc	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		
<b>INDOOR UNIT</b>				
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
<b>OUTDOOR UNIT</b>				
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
<b>POWER SUPPLY 1~230V - 50 HZ</b>				
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
<b>PIPE LINE</b>				
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