

Airwell

■ *Just feel well*

DLF [**ECODESIGN**]

Ducted low static pressure
mono & premium multisplit
DC Inverter



ADVANCED
CONTROL OPTIONS



All sizes



Height
200 mm



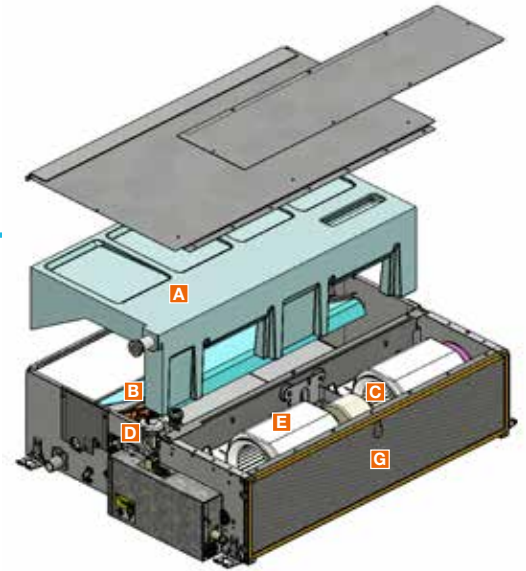
RC08W



[**ECODESIGN**] Comply with ECO Design regulation

COMPREHENSIVE STRUCTURE DESIGN

- | | |
|-----------------------------------|---------------------|
| A Drain pan | E Fan |
| B Coil | F Controller |
| C DC motor | G Air filter |
| D Water pump + water level | |



Vertical installation

- Vertical installation with Compact Dimensions, only 200 mm dept.
- The best solution for replacing radiator.
- The best solution in places that no space for ceiling installation.
- Create a clean and modern design after installation.

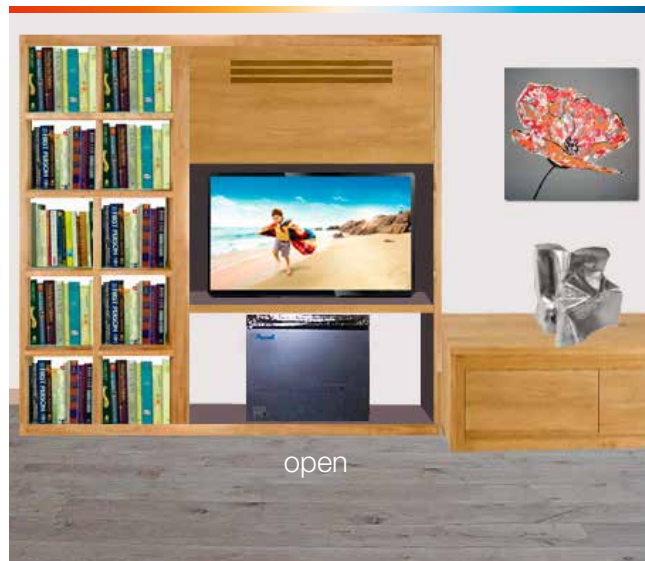
【 BEFORE 】



【 AFTER 】

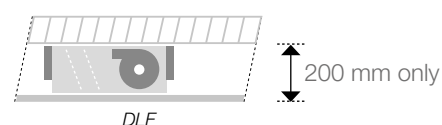
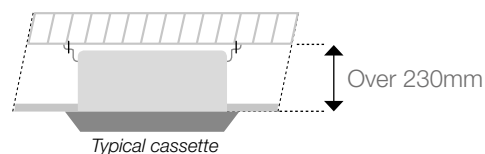


【 COMBINATION MODERN CONSTRUCTION 】



Horizontal installation

- Space saving by minimizing the requirement of the ceiling height.
- Ideal solution for hotel and bedroom due the super quiet and extremely compact design.



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Ducted low static pressure mono & premium multisplit / DC Inverter

FUNCTIONS

- > Ducted line available in capacities from 2.5 up to 7 kW.
- > Cooling & heating operation mode.
- > DC Inverter and sine wave compressor drive technology.
- > "I Feel" function with precise room temperature control.



PRODUCT ADVANTAGES

- > Unique and advanced design for horizontal or vertical installation.
- > Low silhouette only 200 mm.
- > Unit equipped with water pump and overflow switch protector.
- > Super quiet line thanks to advance aerodynamic fans and DC motor.
- > Heating mode only force option.
- > Treatment of corrosion on outdoor units and electronic cards.
- > Possibility to reverse dry contact: normally open / normally closed.

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RCW2 (optional)



[TECHNICAL DATA]

Indoor units		AWSI-DLF009-N11	AWSI-DLF012-N11	AWSI-DLF018-N11	AWSI-DLF024-N11
Outdoor units		AWAU-YBDE009-H11	AWAU-YBDE012-H11	AWAU-YBDE018-H11	AWAU-YBDE024-H11
COOLING					
Capacity	kW	2.5 (1.4-3.6)	3.5 (1.4-4.3)	5.0 (1.5-5.8)	7.0 (1.5-7.5)
Pdesignc	kW	2.5 ⚡	3.5 ⚡	5.0 ⚡	7.0 ⚡
Input power	kW	0.63	0.95	1.23	1.70
SEER/Energy label		5.7/A+	5.61/A+	5.4/A	5.6/A+
Operating limits	°C	-10°/46° Dry bulb			
HEATING					
Capacity	kW	3.4 (1.5-5.0)	4.3 (1.5-5.8)	5.6 (1.3-6.8)	7.6 (1.5-8.8)
Pdesignh	kW	2.5	3.5	4.8	7.5
Input power	kW	0.87	1.16	1.52	1.78
SCOP/Energy label (average climate)		4.00/A+	4.00/A+	3.9/A	3.8/A
SCOP/Energy label (warmer climate)		-	-	4.3/A+	4.7/A++
Operating limits	°C	-15°/24° Dry bulb			
Capacity @ -10°C	kW	2.35	2.45	5.3	5.4
Capacity @ -15°C	kW	2.12	2.2	4.7	4.8
INDOOR UNIT					
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	23/26/29	24/27/31	29/32/35	32/35/39
Sound power level (LS/MS/HS)	dB(A)	44/47/50	45/49/53	48/51/54	56/59/63
Airflow (LS/MS/HS)	m³/h	490/560/620	490/580/650	540/600/710	900/950/1150
External static pressure Range	Pa	0-30	0-30	0-40	0-40
Dehumidification	l/h	0.5	1	1.8	2.7
Outline dimensions (WxHxD)	mm	750x630x200	750x630x200	750x630x200	1050x630x200
Package dimensions (WxHxD)	mm	890x710x243	890x710x243	890x710x243	1190x710x243
Net weight/Gross weight	kg	20/23	20/23	21/23	25/28
Part number		7SP022746	7SP022747	7SP022748	7SP022749
OUTDOOR UNIT					
Sound pressure level to 1 m	dB(A)	51	52	53	55
Sound power level	dB(A)	61	62	65	67
Airflow	m³/h	1780	1780	2500	2750
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	795x610x290	795x610x290	900x700x340	900x700x340
Package dimensions (WxHxD)	mm	970x650x394	970x650x394	985x730x435	985x730x435
Net weight/Gross weight	kg	38/42	38.5/42.5	56/58.5	61/63.5
Part number		7SP061819	7SP061820	7SP061886	7SP061887
POWER SUPPLY 1~230V - 50 HZ					
Power supply side		Indoor	Indoor	Indoor & Outdoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x2.5	3x2.5
Fuse rating am	A	16	16	20	20
Electrical connections	mm²	4x1.5	4x1.5	4x1.5	4x1.5
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"
Max length	m	20	20	30	30
Max height	m	10	10	15	15