

Unique
solutions

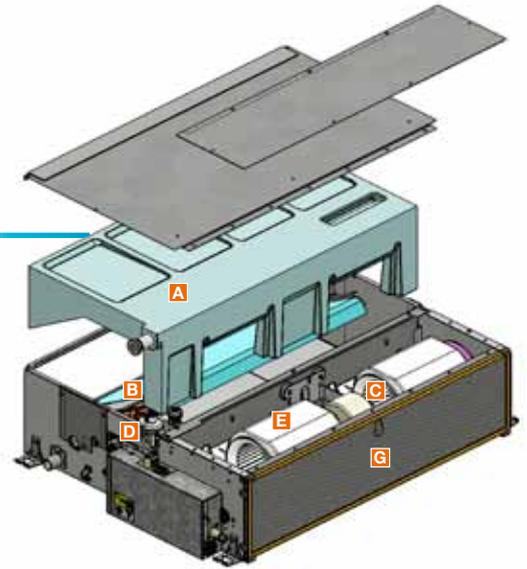


DLF



COMPREHENSIVE STRUCTURE DESIGN

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



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 】

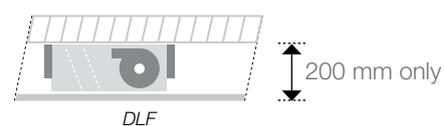
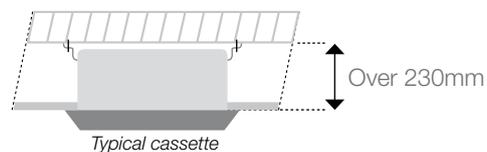


【 COMBINATION MODERN CONSTRUCTION 】



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.





DLF

Unique solutions



FLEXY MATCH



ADVANCED CONTROL OPTIONS

DUCTED LOW STATIC PRESSURE MONO & PREMIUM MULTI

- 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 is equipped with water pump and overflow switch protector.
- Super quiet line thanks to advance aerodynamic fans and DC motor.
- Heating mode only force option.



RC08W



RCW2 (optional)

- FLEXY MATCH
- DC INVERTER
- SINE WAVE COMPRESSOR DRIVE
- 1 W STANDBY POWER
- LOW VOLTAGE STARTUP
- LOW TEMPERATURE STARTUP
- R410A FLUID
- ELECTRONIC EXPANSION VALVE
- AUTO CLEAN/DRY
- FILTER CLEAN INDICATION
- I FEEL
- SLEEP MODE
- SUPER QUIET
- HOT KEEP
- TURBO MODE
- PROGRAMMABLE TIMER
- SELF DIAGNOSTIC-LED
- LOW BATTERY INDICATION
- AUTO RESTART (MEMORY)
- REMOTE CONTROL LOCK
- COMPACT DESIGN
- ADVANCED DEFROST
- AUTO MODE OPERATION
- AUTO FAN
- INTEGRATED WATER PUMP
- WIRED CONTROL OPTION
- ALARM OUTPUT
- UNIT ON OUTPUT
- GROUP CONTROL
- BMS COMPATIBLE
- SERVICE MONITOR TOOL
- POWER CONSUMPTION CONTROL
- WIRED REMOTE CONTROL DIAGNOSTIC
- OUTDOOR UNIT DIGITAL DIAGNOSTIC
- OUTDOOR UNIT NIGHT MODE DRY CONTACT
- STBY ODU
- ODU
- FULL LENGTH REFRIGERANT PRECHARGE
- TECHNICIAN TEST MODE
- LOW AMBIENT COOLING
- LOW AMBIENT HEATING
- PRESENCE DETECTOR INPUT

ACCESSORIES/OPTIONS

Acc.	Ref.	Photo	Description	Additional accessory required	Function														
RCW2	7ACEL1212		Wired group control.		- Control up to 32 Indoor unit as a group or individually. - Option to set up to 15 group zones. - Option to set timer (daily and weekly), mode, fan speed and swing.														
RCL	7ACEL1447		Simple wired remote control.	CBI-B P/N7ACEL1616	Simple functions as: ON/OFF, operating MODE, temperature UP and DOWN, fan speed selection and room temperature.														
CBI-B	7ACEL1616		Communication interface board Heating model only option.	Kit is including cables.	- RS485, RCW2, RCL remote controls. - 1 dry contact input (selecting by dip switches). - Alarm status output (12V DC). - ON/OFF status output (12V DC).														
Duct plenum for DLF 9/12/18	7ACVF0516		Duct plenum for DLF-9/12/18.		Round duct connection with the following combination. <table border="1" style="width: 100%;"> <thead> <tr> <th rowspan="2">Indoor model name</th> <th colspan="2">Hoses connection</th> </tr> <tr> <th>Option 1</th> <th>Option 2</th> </tr> </thead> <tbody> <tr> <td>DLF 9-12</td> <td>2x6"</td> <td>-</td> </tr> <tr> <td>DLF 18</td> <td>3x6"</td> <td>1x6" + 1x8"</td> </tr> <tr> <td>DLF 21-24</td> <td>4x6"</td> <td>1x6" + 2x8"</td> </tr> </tbody> </table>	Indoor model name	Hoses connection		Option 1	Option 2	DLF 9-12	2x6"	-	DLF 18	3x6"	1x6" + 1x8"	DLF 21-24	4x6"	1x6" + 2x8"
Indoor model name	Hoses connection																		
	Option 1	Option 2																	
DLF 9-12	2x6"	-																	
DLF 18	3x6"	1x6" + 1x8"																	
DLF 21-24	4x6"	1x6" + 2x8"																	
Duct plenum for DLF 21/24	7ACVF0517		Duct plenum for DLF-21/24.																

DLF 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)
Pdesignnc	kW	2.5	3.5	5.0	7.0
Input power	kW	0.63	0.95	1.51	2.05
SEER/Energy Label		5.7/A+	5.61/A+	5.10/A	5.10/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)	7.45 (1.5-8.8)
Pdesignnh	kW	2.5	3.5	4.6	6.3
Input power	kW	0.87	1.16	1.55	2.025
SCOP/Energy Label		4.00/A+	4.00/A+	3.80/A	3.80/A
Operating limits	°C	-15°/24° Dry bulb			
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	970/1050/1170
External static pressure Range	Pa	0-30	0-30	0-40	0-40
Dehumidification	l/h	0.5	1	1.5	2
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	21/24	25/27
Part number		7SP022746	7SP022747	7SP022748	7SP022749
OUTDOOR UNIT					
Sound pressure level to 1 m	dB(A)	51	52	53	59
Sound power level	dB(A)	61	62	63	69
Airflow	m³/h	1780	1780	2160	3600
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Twin Rotary DC Inverter
Outline Dimensions (WxHxD)	mm	795x610x290	795x610x290	795x610x290	950x864x340
Package Dimensions (WxHxD)	mm	970x650x394	970x650x394	970x650x394	1140x930x510
Net Weight/Gross Weight	kg	38/42	38.5/42.5	38/41	65.5/73
Part number		7SP061819	7SP061820	7SP061884	7SP061885
POWER SUPPLY 1~230V - 50 HZ					
Power supply side		Indoor	Indoor	Indoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x2.5	3x2.5
Fuse rating am	A	16	16	20	25
Electrical connections	mm²	4x1.5	4x1.5	4x2.5	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	20	30
Max height	m	10	10	10	15

AIRWELL SOLUTIONS

