



+ PRODUCTS

- Competitive and multi matching solution.
- Silent heat pump.
- Connected solution (WiFi).
- Golden fins.



RC08C included



RCW8 (optional)

FEATURES

TECHNOLOGY:



AIR QUALITY / CLEAN:



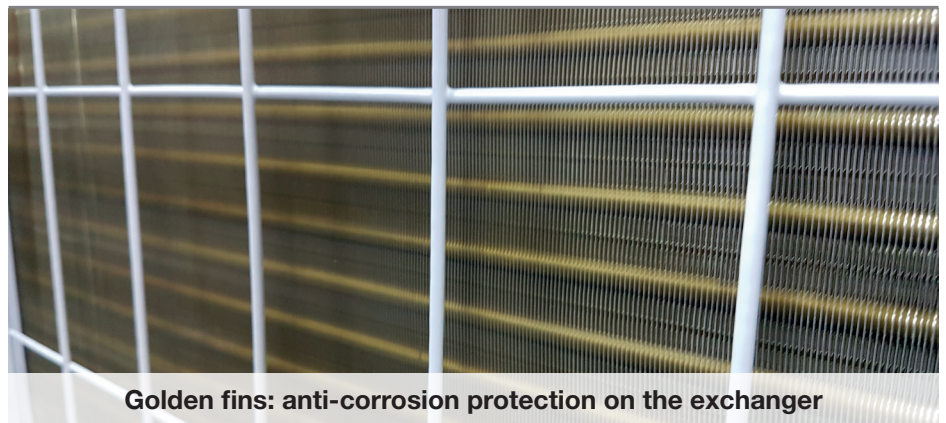
USER FUNCTIONS:



INSTALLER FUNCTIONS:



- High efficiency (SCOP higher than 4 and SEER higher than 6): energy savings.
- Comfort "I Feel": temperature sensor in RC08C remote control.
- Reduced energy consumption using the heating only mode.
- High wall with digital display (mode, temperature ...).
- Technician mode via remote controller: parameter display (temperature sensors, compressor...).
- Longer product lifetime: golden fins exchanger and anti-corrosion treatment on PCB.



Golden fins: anti-corrosion protection on the exchanger

HKD

High wall monosplit & multisplit



HKD TECHNICAL DATA

Indoor units		AW-HKD009-N91	AW-HKD012-N91	AW-HKD018-N91	AW-HKD024-N91
Outdoor units		AW-YKD009-H91	AW-YKD012-H91	AW-YKD018-H91	AW-YKD024-H91
Phase		Single phase	Single phase	Single phase	Single phase
COOLING					
Rated power (min./max.)	kW	2.64 (0.91~3.40)	3.52 (1.11~4.16)	5.28 (1.82~6.13)	7.03 (2.08~7.95)
Pdesignc	kW	2.7	3.52	5.28	7.03
Rated power input	kW	0.71	1.24	1.54	2.35
SEER/Energy label		6.2 / A++	6.1 / A++	7.1 / A++	6.1 / A++
Operating limits	°C	-15°/50° Dry bulb			
HEATING					
Rated power (min./max.)	kW	2.93 (0.82~3.37)	3.81 (1.08~4.22)	5.57 (1.38~6.74)	7.33 (1.61~8.79)
Pdesignh (average climate)	kW	2.1	2.3	4.1	4.8
Pdesignh (warmer climate)	kW	2.60	2.70	4.5	6.4
Rated power input	kW	0.74	0.96	1.48	2.04
SCOP/Energy label (average climate)		4.0 / A+	4.0 / A+	4.0 / A+	4.0 / A+
SCOP/Energy label (warmer climate)		4.9 / A++	4.6 / A++	5.2 / A+++	5.0 / A++
Operating limits	°C	-20°/30° Dry bulb			
INDOOR UNIT					
Sound pressure level to 1 m (VL/LS/MS/HS)	dB(A)	21/26/30/40	22/26/34/40	25/30/37/44	28/34/42/44
Sound power level	dB(A)	53	53	55	59
Airflow (LS/MS/HS)	m³/h	360/460/520	360/500/600	540/680/840	662/817/980
Outline dimensions (WxHxD)	mm	805x285x194	805x285x194	957x302x213	1040x327x220
Package dimensions (WxHxD)	mm	870x360x270	870x360x270	1035x380x295	1120x310x405
Net weight/Gross weight	kg	7.5/9.7	7.5/9.7	10/13	12.3/15.8
Part number		7SP023135	7SP023136	7SP023137	7SP023138
Air Net WiFi Module - Part number		7ACEL1744	7ACEL1744	7ACEL1744	7ACEL1744
OUTDOOR UNIT					
Sound pressure level to 1 m	dB(A)	55	56	56	59
Sound power level	dB(A)	61	61	65	67
Airflow	m³/h	1700	1700	2500	3000
Compressor type		Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter
Outline dimensions (WxHxD)	mm	700x550x275	700x550x275	800x554x333	845x702x363
Package dimensions (WxHxD)	mm	815x615x325	815x615x325	920x615x390	965x765x395
Net weight/Gross weight	kg	22.7/25.2	22.7/25.2	34/36.7	51.5/54.5
Part number		7SP063040	7SP063041	7SP063042	7SP063043
POWER SUPPLY					
Phase/Tension/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x1.5	3x2.5
Fuse rating am (D curve)	A	10	10	16	25
Electrical connections	mm²	5x1.5	5x1.5	5x1.5	5x2.5
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	25	25	30	50
Max. height	m	10	10	20	25
Refrigerant / GWP		R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg	0.5	0.5	1.00	1.6

COMBINATIONS

Indoor unit	Compatible with outdoor unit	
	Monosplit	Multisplit
High wall HKD 9 to 24 	YKD 	YDZC 



+ PRODUCTS

- Efficient.
- Competitive.
- Flexible.
- Golden fins.

FEATURES

TECHNOLOGY:



DC INVERTER



R32 FLUID



ELECTRONIC EXPANSION VALVE

AIR QUALITY / CLEAN:



GOLDEN FIN TREATMENT

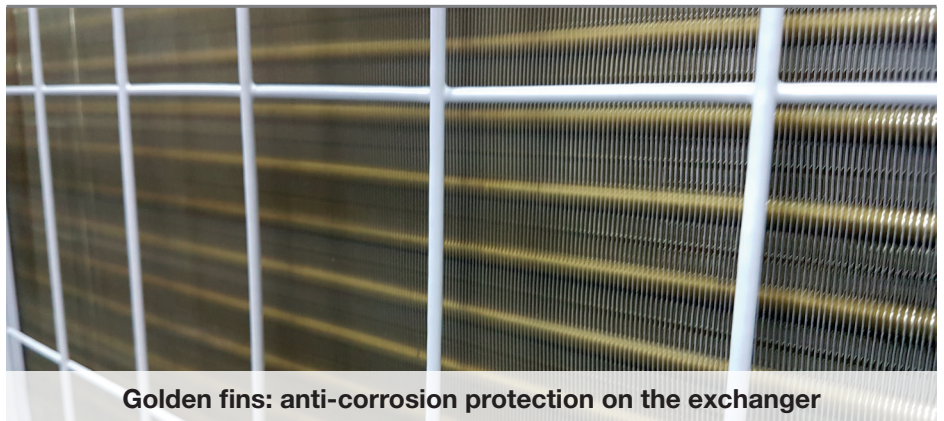
INSTALLER FUNCTIONS:



SELF DIAGNOSTIC



- Match with high wall indoor units.
- Same indoor for multi and single application.
- Design for long tubing distance installation.
- 2 digit display to check running parameters.
- Longer product lifetime: golden fins exchanger and anti-corrosion treatment on PCB.



Golden fins: anti-corrosion protection on the exchanger

YDZC

Residential multisplit



YDZC TECHNICAL DATA

Outdoor units			AW- YDZC218-H91	AW- YDZC327-H91	AW- YDZC436-H91	AW- YDZC542-H91
Phase			Single phase	Single phase	Single phase	Single phase
OUTDOOR UNIT						
Cooling	Rated power	kW	5.28	7.91	10.55	12.31
	Pdesignc	kW	5.2	8.0	10.6	12.4
	Rated power input	kW	1.630	2.440	3.28	4.26
	SEER/Energy label		5.6/A+	6.1/A++	6.2/A++	6.1/A++
	Operating limits	°C	-15°/50° Dry bulb			
Heating	Rated power	kW	5.57	8.21	10.55	12.31
	Pdesignh (average climate)	kW	5.00	5.60	9.00	9.20
	Rated power input	kW	1.39	2.18	2.63	3.10
	SCOP/Energy label (average climate)		3.8/A	3.8/A	3.8/A	3.5/A
	Operating limits	°C	-15°/24° Dry bulb			
Sound pressure level to 1 m		dB(A)	56	59	63	64
Sound power level		dB(A)	63	65	67	69
Airflow (LS/MS/HS)		m³/h	650/750/850	600/750/850	600/750/900	600/750/900
Compressor type			Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)		mm	920x615x390	965x765x395	1090x500x875	1090x500x875
Package dimensions (WxHxD)		mm	800x554x333	845x702x363	946x810x410	946x810x410
Net weight/Gross weight		kg	36/39	54.4/59.2	68.8/75.6	73.3/80.4
Part number			7SP091181	7SP091182	7SP091183	7SP091184
POWER SUPPLY						
Phase/Tension/Frequency			1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz
Power supply side			Outdoor	Outdoor	Outdoor	Outdoor
Power cable section		mm²	3x2.5	3x2.5	3x2.5	3x4
Fuse rating am (D curve)		A	25	25	25	32
Electrical connections		mm²	2 x (4x1.5)	3 x (4x1.5)	4 x (4x1.5)	5 x (4x1.5)
PIPE LINE						
Suction pipe diameter		inches	2x3/8"	3x3/8"	3x3/8"+1x1/2"	4x3/8"+1x1/2"
Liquid pipe diameter		inches	2x1/4"	3x1/4"	4x1/4"	5x1/4"
Max. length		m	40	60	80	80
Max. length per circuit		m	25	30	35	35
Max. height between indoor and outdoor units	ODU higher than IDU	m	15	15	15	15
	ODU lower than IDU	m	15	15	15	15
Max. height between indoor units		m	10	10	10	10
Refrigerant/Charge		kg	R32/1.3	R32/1.57	R32/2.1	R32/2.4