



+ PRODUCTS

- Wide air diffusion.
- Floor or ceiling installation.



RC08C (included) RCW11 (optional) RCW20 (optional)

FEATURES

TECHNOLOGY:



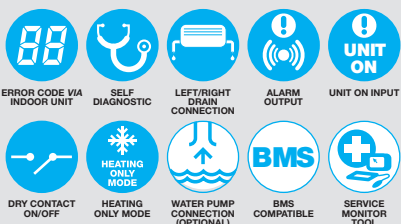
AIR QUALITY/CLEAN:



USER FUNCTIONS:

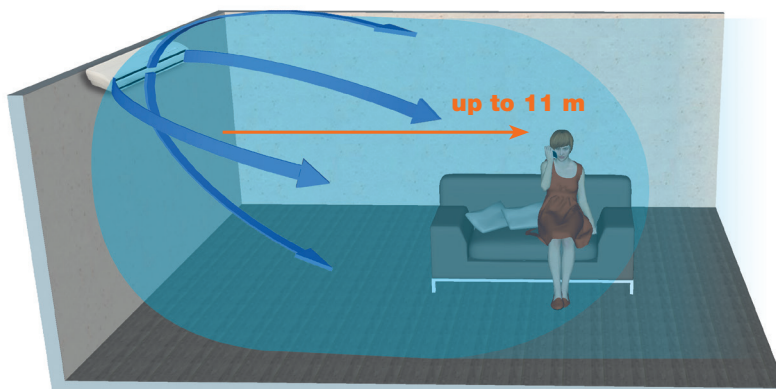


INSTALLER FUNCTIONS:



- Comfort "I Feel": temperature sensor in RC08C remote control.
- Reduced energy consumption using the hot mode alone.
- Interface dedicated to the installer for commissioning and maintenance (RC08C).
- Inventory optimization thanks to a multi-range outdoor unit (YDFA).

4 DIMENSIONAL AIR FLOW FOR MAXIMUM COMFORT



OPTIONS

Accessory	Part number	Photo	Function
Wired single control RCW11	7ACEL1774		Weekly timer, mode, fan speed, timer On/Off, "I Feel" function, temperature.
Wired single control RCW20 + adaptor	7ACEL1775 + 7ACEL1776		Zone control , mode, fan speed, timer On/Off, "I Feel" function, temperature. One adaptor by unit is required (order separately).
Central controller RCW21	7ACEL1777		Central controller . Controls up to 64 indoor units with individual setting failure codes indication, On/Off dry contact, last operation memory.
BMS gateway	7ACEL1708		Maximum 1024 units could be connected (16 gateways).
Test tool	7ACEL1710		Easy viewing of system parameters, failure records and parameter adjustments.
Water pump Mini Flowwatch MF2	7ACTL0517		Evacuate condensates from indoor units.



All sizes except FDM 048-060

FDM TECHNICAL DATA

Indoor unit		AW-FDM018-N91	AW-FDM024-N91	AW-FDM036-N91	AW-FDM036-N91	AW-FDM048-N91	AW-FDM060-N91
Outdoor unit		AW-YDFA018-H91	AW-YDFA024-H91	AW-YDFA036-H91	AW-YDFA036-H93	AW-YDFA048-H93	AW-YDFA060-H93
Phase		Single phase	Single phase	Single phase	Three phase	Three phase	Three phase
COOLING							
Rated power (min./max.)	kW	5.28 (2.71-5.57)	7.03 (3.22-8.29)	10.55 (3.93-12.02)	10.55 (3.93-12.02)	14.07 (4.96-15.11)	15.83 (5.28-17.0)
Pdesignc	kW	5.3	7.03	10.5	10.5	14.2	15.9
Rated power input	kW	1.633 (0.67-1.85)	2.190	3.800	3.750	5.500	6.063
SEER/Energy label		6.1/A++	6.1/A++	6.1/A++	6.1/A++	6.1/A++	6.1/A++
Operating limits	°C	17°/32° Dry bulb		-15°/50° Dry bulb			
HEATING							
Rated power (min./max.)	kW	5.57 (2.42-6.3)	7.62 (2.72-8.65)	11.14 (2.81-13.48)	11.14 (2.81-13.95)	16.12 (3.81-18.07)	18.17 (4.4-19.64)
Pdesignh (average climate)	kW	4.1	5.4	8.7	8.7	11.1	11.9
Pdesignh (warmer climate)	kW	5.0	4.9	10.5	9.0	12.5	12.5
Rated power input	kW	1.5 (0.54-1.64)	2.050	3.040	3.000	5.050	6.036
SCOP/Energy label (average climate)		4.1/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+
SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++	5.1/A+++
Operating limits	°C	-15°/50° Dry bulb		-15°/24° Dry bulb			
Power @ -10°C	kW	4.51	6.2	9.0	9.0	13.0	14.7
Power @ -15°C	kW	3.90	5.0	7.3	7.3	10.6	11.9
INDOOR UNIT							
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	34.5/38.5/41.5	41/46/50	42/47/51	42/47/51	46/50/54	42/47/54
Sound power level	dB(A)	58	61	61	61	66	68
Airflow (LS/MS/HS)	m³/h	650/760/880	853/1066/1208	1431/1844/2160	1431/1844/2160	1417/1930/2329	1426/1834/2454
Dehumidification	l/h	2.0	2.5	3.8	3.8	4.5	5.5
Outline dimensions (WxHxD)	mm	1068x675x235	1068x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
Package dimensions (WxHxD)	mm	1145x755x313	1145x755x313	1725x755x313	1725x755x313	1725x755x313	1725x755x313
Net weight/Gross weight	kg	28/33.3	26.8/31.9	39/45	39/45	41.2/47.6	41.4/47.8
Part number		7SP012263	7SP012264	7SP012265	7SP012265	7SP012266	7SP012267
OUTDOOR UNIT							
Sound pressure level to 1 m	dB(A)	55	62	65	64	66	66
Sound power level	dB(A)	62	66	68	68	72	74
Airflow	m³/h	2000	2700	4000	4000	7500	7500
Compressor type		Rotary DCI	Rotary DCI	Rotary DCI	Rotary DCI	Rotary DCI	Rotary DCI
Outline dimensions (WxHxD)	mm	800x554x333	845x702x363	946x810x410	946x810x410	952x1333x415	952x1333x415
Package dimensions (WxHxD)	mm	920x615x390	965x765x395	1090x875x500	1090x875x500	1095x1480x495	1095x1480x495
Net weight/Gross weight	kg	33.7/36.6	49.4/52.8	66.8/73.4	81.5/87.0	106.7/119.9	111.3/124.3
Part number		7SP063051	7SP063052	7SP063053	7SP063054	7SP063055	7SP063056
POWER SUPPLY							
Phase/Voltage/Frequency		1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	3P/400V/50Hz	3P/400V/50Hz	3P/400V/50Hz
Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
Power cable section	mm²	3x1.5+3x2.5	3x1.5+3x2.5	3x1.5+3x4	3x1.5+5x2.5	3x1.5+5x2.5	3x1.5+5x2.5
Fuse rating am (D curve)	A	10+16	10+25	10+30	10+20	10+25	10+25
Electrical connections	mm²	2x0.5	2x0.5	2x0.5	2x0.5	2x0.5	2x0.5
PIPE LINE							
Suction pipe diameter	inches	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Max. length	m	30	50	65	65	65	65
Max. height	m	20	25	30	30	30	30
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg	1.15	1.5	2.4	2.4	2.8	2.95
Charge additionnelle	g/m	12	24	24	24	24	24
R410A YMD outdoor unit compatible*		AWAU-YMD018-H11	AWAU-YMD024-H11	AWAU-YMD036-H11	AWAU-YMD036-H13	AWAU-YMD048-H13	AWAU-YMD060-H13
Part number		7SP062972	7SP062893	7SP062895	7SP062896	7SP062899	7SP062900

* Technical specifications - See R410A documentation.

COMBINATIONS

Indoor unit	Compatible with outdoor unit
Floor ceiling 	Monosplit 
	