



NEW



All sizes except
FCD 048-060



+ PRODUCTS

- Large scope air.
- Floor & ceiling installation.
- 4 air outlet direction.



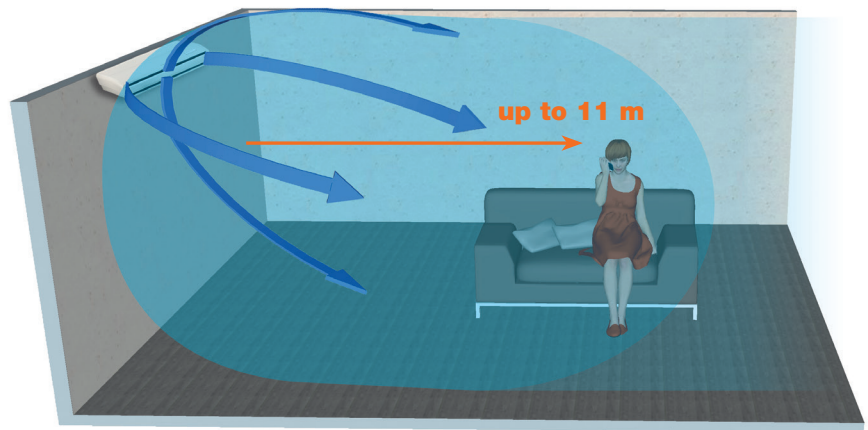
FEATURES

- DC INVERTER** (DC INVERTER)
- R410A FLUID** (R410A FLUID)
- ELECTRONIC EXPANSION VALVE** (ELECTRONIC EXPANSION VALVE)
- ANTIBACTERIA FILTER** (ANTIBACTERIA FILTER)
- FRESH AIR** (FRESH AIR)
- I FEEL** (I FEEL)
- SLEEP MODE** (SLEEP MODE)
- DIGITAL DISPLAY** (DIGITAL DISPLAY)
- PROGRAMMABLE TIMER** (PROGRAMMABLE TIMER)
- SELF DIAGNOSTIC** (SELF DIAGNOSTIC)
- LOW BATTERY INDICATION** (LOW BATTERY INDICATION)
- AUTO RESTART (MEMORY)** (AUTO RESTART (MEMORY))
- REMOTE CONTROL LOCK** (REMOTE CONTROL LOCK)
- LEFT/RIGHT DRAIN CONNECTION** (LEFT/RIGHT DRAIN CONNECTION)
- ALARM OUTPUT** (ALARM OUTPUT)
- UNIT ON INPUT** (UNIT ON INPUT)
- LOW AMBIENT COOLING** (-15°C)
- LOW AMBIENT HEATING** (-15°C)
- WATER PUMP CONNECTION (OPTION)**
- BMS COMPATIBLE** (BMS COMPATIBLE)
- WIFI** (Airwell Sensibo)



- DC Inverter and sine wave compressor drive technology.
- "I Feel" function with precise room temperature control.
- Available in 3PH from 10 kW.
- Centralized controller up to 64 units (optional).

4 DIMENSIONAL AIRFLOWS FOR MAXIMUM COMFORT



COMBINATIONS

Indoor unit	Compatible with outdoor unit
High wall FCD 18-24-36 	Monosplit YMD 18-24-36
FCD 48-60 	YMD 48-60

FCD

Floor ceiling monosplit



All sizes except FCD 048-060

FCD TECHNICAL DATA

Indoor units		AWSI-FCD018-N11	AWSI-FCD024-N11	AWSI-FCD036-N11	AWSI-FCD036-N11	AWSI-FCD048-N11	AWSI-FCD060-N11
Outdoor units 1~230V - 50 Hz		AWAU-YMD018-H11	AWAU-YMD024-H11	AWAU-YMD036-H11	-	-	-
Outdoor units 3~400V - 50 Hz - N		-	-	-	AWAU-YMD036-H13	AWAU-YMD048-H13	AWAU-YMD060-H13
COOLING							
Rated power	kW	5.1 (0.8-6.1)	6.8 (1.2-8.2)	10.5 (2.9-12.0)	10.5 (2.9-12.0)	14.0 (4.0-16.4)	16.0 (5.0-18.1)
Pdesignc	kW	5.1	6.8	10.5	10.5	14.0	16.0
Rated power input	kW	1.579	2.252	4.008	4.008	5.344	6.107
SEER/Energy label		6.5/A++	6.1/A++	6.3/A++	6.1/A++	6.1/A++	6.1/A++
Operating limits	°C	-15°/50° Dry bulb					
HEATING							
Rated power	kW	5.6 (0.9-7.0)	7.5 (1.2-8.6)	11.0 (2.6-13.2)	11.0 (2.6-13.2)	16.0 (4.4-18.4)	18.0 (5.3-20.5)
Pdesignh (average climate)	kW	4.8	5.8	10.2	10.2	11.6	12
Pdesignh (warmer climate)	kW	5.2	5.8	10.5	10.5	11.6	12.2
Rated power input	kW	1.466	2.072	3.039	3.039	4.969	5.96
SCOP/Energy label (average climate)		4.0/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°/24° Dry bulb					
INDOOR UNIT							
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	38/41/44	44/49/52	43/49/52	43/49/52	46/51/54	46/51/57
Sound power level	dB(A)	57	63	63	63	66	69
Airflow (LS/MS/HS)	m³/h	700/800/900	850/1050/1180	1400/1770/2050	1400/1770/2050	1400/1800/2100	1280/1660/2250
Dehumidification	l/h	1.5	2.2	3.1	3.1	5	5.5
Outline dimensions (WxHxD)	mm	1068x235x675	1068x235x675	1650x235x675	1650x235x675	1650x235x675	1650x235x675
Package dimensions (WxHxD)	mm	1145x313x755	1145x313x755	1725x313x755	1725x313x755	1725x313x755	1725x313x755
Net weight/Gross weight	kg	25.8/30.6	25/30	40.3/46.9	40.3/46.9	38.2/44.6	40.5/47
Part number		7SP012231	7SP012232	7SP012233	7SP012233	7SP012234	7SP012235
OUTDOOR UNIT							
Sound pressure level to 1 m	dB(A)	54	60	61	61	63	63
Sound power level	dB(A)	65	65	67	68	72	75
Airflow	m³/h	2100	2700	4300	4300	6800	7200
Compressor type		Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI
Refrigerant type/Ammount	kg	R410a/1.78	R410a/1.95	R410a/3.2	R410a/3.2	R410a/4.0	R410a/4.3
Outline dimensions (WxHxD)	mm	800x554x333	845x702x363	946x810x410	946x810x410	952x1333x415	952x1333x415
Package dimensions (WxHxD)	mm	920x615x390	965x765x396	1090x865x500	1090x865x500	1095x1470x500	1095x1470x500
Net weight/Gross weight	kg	35.5/38.4	49/51.5	67.2/72.9	78.9/83.9	108.1/121.2	112.8/126
Part number 1~230V - 50 Hz		7SP062892	7SP062893	7SP062895	-	-	-
Part number 3~400V - 50 Hz - N		-	-	-	7SP062896	7SP062899	7SP062900
POWER SUPPLY 1~230V - 50 HZ							
Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	-	-	-
Power cable section	mm²	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x4.0	-	-	-
Fuse rating am	A	10+16	10+25	10+30	-	-	-
Electrical connections	mm²	2x0.5	2x0.5	2x0.5	-	-	-
POWER SUPPLY 3~400V - 50 HZ - N							
Power supply side		-	-	-	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor
Power cable section	mm²	-	-	-	3x1.0+5x2.5	3x1.0+5x2.5	3x1.0+5x2.5
Fuse rating am	A	-	-	-	10+20	10+25	10+25
Electrical connections	mm²	-	-	-	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