

FBD

Floor ceiling monosplit DC Inverter



- Floor ceiling line available in capacities from 5.3 to 15.6 kW.
- Cooling & heating operation mode.
- DC Inverter and sine wave compressor drive technology.
- "I Feel" function with precise room temperature control.
- Available in 3PH from 10 kW.



For FBD 18-24-30-36



A⁺⁺

RC08B

"I FEEL" FUNCTION



FBD

Floor ceiling monosplit / DC Inverter

[PRODUCT ADVANTAGES]

- Operating in ambient temperature, down to -15°C in heating and -15°C in cooling.
- Centralized controller up to 64 units (optional).
- Fresh air intake option.
- 4 dimensional airflow for maximum comfort.



[TECHNICAL DATA]

Indoor units		AWSI-FBD018-N11	AWSI-FBD024-N11	AWSI-FBD030-N11	AWSI-FBD036-N11	AWSI-FBD036-N11	AWSI-FBD048-N11	AWSI-FBD060-N11
Outdoor units 1~230V - 50 Hz		AWAU-YLD018-H11	AWAU-YLD024-H11	AWAU-YLD030-H11	AWAU-YLD036-H11	-	-	-
Outdoor units 3~400V - 50 Hz - N		-	-	-	-	AWAU-YLD036-H13	AWAU-YLD048-H13	AWAU-YLD060-H13
COOLING								
Rated capacity	kW	5.3 (1.5-6.4)	7.2 (2.0-7.8)	8.5 (2.4-9.6)	10.5 (3.2-11.8)	10.2 (3.2-11.8)	14.0 (4.5-15.2)	15.6 (5.0-17.5)
Pdesignnc	kW	5.3	7.2	8.5	10.5	10.2	-	-
Rated power input	kW	1.63	2.24	2.82	3.48	3.39	4.36	4.86
SEER/Energy label		6.1/A++	6.4/A++	6.4/A++	6.0/A+	5.7/A+	3.21/A	3.21/A
Operating limits	°C	-15°/50° Dry bulb						
HEATING								
Rated capacity	kW	5.9 (1.6-7.0)	7.8 (2.0-8.6)	9 (2.4-10.0)	11 (3.2-12.5)	11 (3.2-12.5)	14.6 (4.8-15.8)	17 (5.5-18.6)
Pdesignnh (average climate)	kW	5.3	7.8	8.5	10.2	10.0	-	-
Pdesignnh (warmer climate)	kW	5.3	7.8	8.5	10.5	10.5	-	-
Rated power input	kW	1.49	2.10	2.42	3.05	3.05	4.04	4.70
SCOP/Energy label (average climate)		3.8/A	3.9/A	3.9/A	3.8/A	3.8/A	3.61/A	3.61/A
SCOP/Energy label (warmer climate)		4.8/A++	4.6/A++	4.6/A++	4.4/A++	4.4/A++	-	-
Operating limits	°C	-15°/24° Dry bulb						
Capacity @ -10°C	kW	4.3	7	7	8.3	8.5	11.6	12.7
Capacity @ -15°C	kW	3.7	6	6	7.2	7.3	10	11
INDOOR UNIT								
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	38/41/44	46/50/52	46/50/53	43/49/52	43/49/52	51/54/57	51/54/57
Sound power level	dB(A)	60	63	64	65	65	68	69
Airflow (LS/MS/HS)	m³/h	600/750/900	1100/1250/1400	1450/1650/1850	1500/1850/2200	1500/1850/2200	1700/1900/2300	1700/1900/2300
Dehumidification	l/h	2	2.3	2.5	3.5	3.5	4.5	5.0
Outline dimensions (WxHxD)	mm	1068x675x235	1068x675x235	1285x675x235	1650x675x235	1650x675x235	1650x675x235	1650x675x235
Package dimensions (WxHxD)	mm	1145x755x313	1145x755x313	1360x755x313	1725x755x313	1725x755x313	1725x755x313	1725x755x313
Net weight/Gross weight	kg	25/31.5	25/30	30/35	40/46	40/46	40/46	43/50
Part number		7SP012225	7SP022998	7SP022999	7SP023000	7SP023000	7SP023001	7SP023002
OUTDOOR UNIT								
Sound pressure level to 1 m	dB(A)	55	57	58	60	60	61	61
Sound power level	dB(A)	65	69	70	70	70	70	70
Airflow	m³/h	2500	3500	3800	5500	5500	7200	7500
Compressor type		Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI
Outline dimensions (WxHxD)	mm	845x700x320	900x860x315	900x860x315	990x965x345	990x965x345	938x1369x392	938x1369x392
Package dimensions (WxHxD)	mm	965x755x395	1043x915x395	1043x915x395	1120x1100x435	1120x1100x435	1095x1505x495	1095x1505x495
Net weight/Gross weight	kg	46/50	59/63	59/63	73/83	77/88	102.5/116	102.5/116
Part number 1~230V - 50 Hz		7SP062822	7SP062823	7SP062824	7SP062825	-	-	-
Part number 3~400V - 50 Hz - N		-	-	-	-	7SP062826	7SP062827	7SP062828
POWER SUPPLY 1~230V - 50 HZ								
Power supply side		Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	Indoor & Outdoor	-	-	-
Power cable section	mm²	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x4.0	-	-	-
Fuse rating am	A	10+16	10+20	10+30	10+30	-	-	-
Electrical connections	mm²	3x0.5	3x0.5	3x0.5	3x0.5	-	-	-
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	-	-	-	-	3x0.5	3x0.5	3x0.5
PIPE LINE								
Suction pipe diameter	inches	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"	3/4"
Liquid pipe diameter	inches	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Max length	m	30	50	50	65	65	65	65
Max height	m	20	25	25	30	30	30	30

FBD GB 03/16 - AIRWELL RESIDENTIAL SAS - Specifications subject to change without notice. Pictures non contractual. Printed in UE. BSC.com

