

CBD

Cassette monosplit
multisplit → only sizes
12 & 18 / DC Inverter



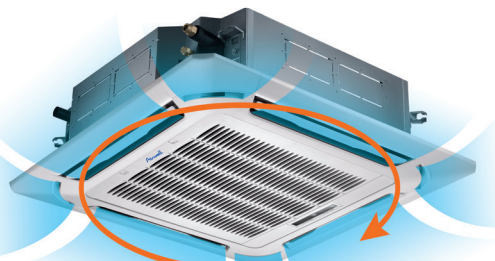
TWIN APPLICATION



- Cassette line available in capacities from 3.5 to 12.5 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.



Sizes 12 to 36



360°

600x600 and 900x900



RC08B

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[PRODUCT ADVANTAGES]

- Operating in ambient temperature, down to -15°C in heating and -15°C in cooling.
- Fresh air intake.
- Integrated water pump.
- Centralized controller up to 64 units (optional).
- Sizes 12 & 18 can also match to multi ODU.
- Twin application.



All sizes except CBD 048

[TECHNICAL DATA]

Indoor units		AWSI-CBD012-N11	AWSI-CBD018-N11	AWSI-CBD024-N11	AWSI-CBD030-N11	AWSI-CBD036-N11	AWSI-CBD036-N11	AWSI-CBD048-N11
Outdoor units 1-230V - 50 Hz		AWAU-YLD012-H11	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
COOLING								
Rated capacity	kW	3.5 (1.0-4.0)	5.0 (1.6-6.2)	7.2 (2.0-7.8)	8.5 (2.4-9.6)	10.0 (3.0-11.8)	10.0 (3.0-11.8)	12.5 (4.2-14.0)
Pdesignc	kW	3.5	5.0	7.2	8.5	10.0	10.0	-
Rated power input	kW	1.09	1.65	2.24	2.82	3.32	3.32	3.89
SEER/Energy label		5.6/A+	5.6/A+	6.1/A++	6.4/A++	5.4/A	5.4/A	3.21/A
Operating limits	°C	-15°/50° Dry bulb						
HEATING								
Rated capacity	kW	3.5 (1.0-4.1)	5.3 (1.6-6.4)	8.0 (2.2-8.6)	8.6 (2.5-9.8)	10.5 (3.2-12.0)	10.5 (3.2-12.0)	13.0 (4.2-14.8)
Pdesignh (average climate)	kW	3.5	5.3	7.8	8.1	10.0	10.0	-
Pdesignh (warmer climate)	kW	3.5	5.3	7.8	8.1	10.5	10.5	-
Rated power input	kW	0.97	1.47	2.15	2.34	2.91	2.91	3.60
SCOP/Energy label (average climate)		3.8/A	3.8/A	3.9/A	3.9/A	3.8/A	3.8/A	3.61/A
SCOP/Energy Label (warmer climate)		4.8/A++	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	3.1	4.4	6.6	6.7	8.7	8.7	10.4
Capacity @ -15°C	kW	2.7	3.7	5.7	5.8	7.5	7.2	9.1
INDOOR UNIT								
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	34/38/42	33/40/48	42/45/47	44/47/50	46/49/51	46/49/51	47/50/54
Sound power level	dB(A)	55	60	62	62	63	63	64
Airflow (LS/MS/HS)	m³/h	450/530/650	500/650/800	1300/1500/1700	1400/1600/1850	1400/1600/1850	1400/1600/1850	1600/1800/2200
Dehumidification	l/h	1.5	2	2.5	3	3.8	3.8	4.5
Outline dimensions (WxHxD)	mm	570x270x570	570x270x570	840x245x840	840x245x840	840x245x840	840x245x840	840x287x840
Package dimensions (WxHxD)	mm	675x305x675	675x305x675	900x265x900	900x265x900	900x265x900	900x265x900	900x292x900
Net weight/Gross weight	kg	16/19	16.5/19	24/28	26.5/30.5	26.5/30.5	26.5/30.5	29/33
Part number		7SP042243	7SP042244	7SP042224	7SP042225	7SP042226	7SP042226	7SP042227
FRAME								
Outline dimensions (WxHxD)	mm	650x50x650	650x50x650	950x55x950	950x55x950	950x55x950	950x55x950	950x55x950
Package dimensions (WxHxD)	mm	715x123x715	715x123x715	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
Net weight/Gross weight	kg	2.5/4.5	2.5/4.5	5/8	5/8	5/8	5/8	5/8
Part number frame		7ACVF0566	7ACVF0566	7ACVF0564	7ACVF0564	7ACVF0564	7ACVF0564	7ACVF0564
OUTDOOR UNIT								
Sound pressure level to 1 m	dB(A)	52	55	57	58	60	60	61
Sound power level	dB(A)	62	65	69	70	70	70	70
Airflow	m³/h	2200	2500	3500	3800	5500	5500	7200
Compressor type		Rotary DCI	Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI	Twin Rotary DCI
Outline dimensions (WxHxD)	mm	760x590x285	845x700x320	900x860x315	900x860x315	990x965x345	990x965x345	938x1369x392
Package dimensions (WxHxD)	mm	887x645x355	965x755x395	1043x915x395	1043x915x395	1120x1100x435	1120x1100x435	1095x1505x495
Net weight/Gross weight	kg	35.4/37.9	46/50	59/63	59/63	73/83	77/88	102.5/116
Part number 1-230V - 50 Hz		7SP062821	7SP062822	7SP062823	7SP062824	7SP062825	-	-
Part number 3-400V - 50 Hz - N		-	-	-	-	-	7SP062826	7SP062827
POWER SUPPLY 1-230V - 50 HZ								
Power supply side		Outdoor	Ind. & Out.	Ind. & Out.	Ind. & Out.	Ind. & Out.	-	-
Power cable section	mm²	3x1.5	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x2.5	3x1.0+3x4.0	-	-
Fuse rating am	A	16	10+16	10+20	10+30	10+30	-	-
Electrical connections	mm²	4x1.0	3x0.5	3x0.5	3x0.5	3x0.5	-	-
POWER SUPPLY 3-400V - 50 HZ - N								
Power supply side		-	-	-	-	-	Ind. & Out.	Ind. & Out.
Power cable section	mm²	-	-	-	-	-	3x1.0+5x2.5	3x1.0+5x2.5
Fuse rating am	A	-	-	-	-	-	10+20	10+25
Electrical connections	mm²	-	-	-	-	-	3x0.5	3x0.5
PIPE LINE								
Suction pipe diameter	inches	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"	3/8"
Max length	m	20	30	50	50	65	65	65
Max height	m	10	20	25	25	30	30	30

CBD GB 0316 - AIRWELL RESIDENTIAL SAS - Specifications subject to change without notice. Pictures non contractual. Printed in UE. BSC.com

