

Airwell

■ *Just feel well*

YCZ

Residential multisplit
Duo/Trio/Quattro/Cinco
DC Inverter 



All sizes



A⁺⁺

COMPATIBLE WITH

HKD

HND



CBD

DCD



XAD



YCZ

Residential multisplit Duo/Trio/Quattro/Cinco DC Inverter

COMPATIBLE WITH

HIGH WALL
HKD 9/12/18

HIGH WALL
HND 9/12/18

CONSOLE
XAD 12/18X



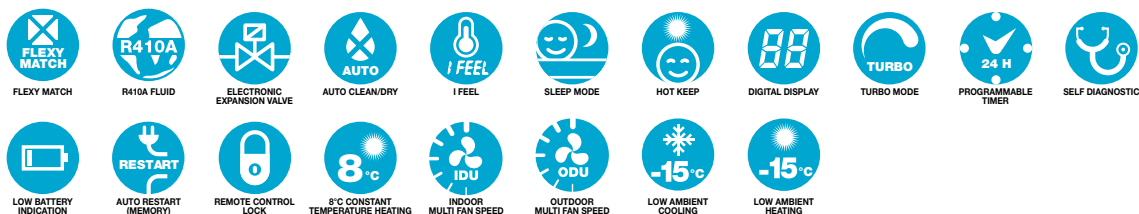
CASSETTE
CBD 12/18X

DUCTED MEDIUM STATIC
PRESSURE DCD 12



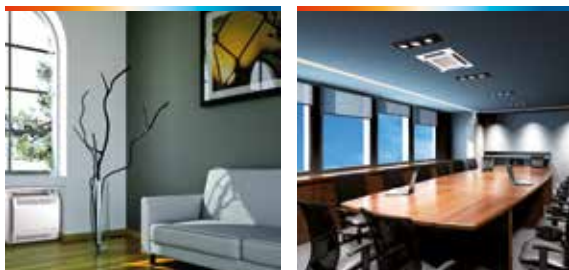
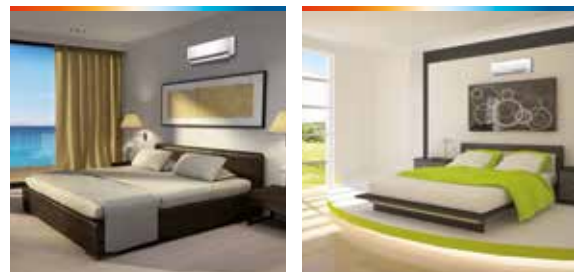
Sizes	HKD	HND	XAD	CBD	DCD
9	AWSI-HKD009-N11 7SP022990	AWSI-HND009-N11 7SP022994	-	-	-
12	AWSI-HKD012-N11 7SP022991	AWSI-HND012-N11 7SP022995	AWSI-XAD012-N11 7SP071403	AWSI-CBD012-N11 7SP042243	AWSI-DCD012-N11 7SP032158
	-	-	-	Part number panel 7ACVF0566	-
18	AWSI-HKD018-N11 7SP022992	AWSI-HND018-N11 7SP022996	AWSI-XAD018X-N11 7SP071405X *	AWSI-CBD018X-N11 7SP042239X *	-
	-	-	-	Part number panel 7ACVF0566	-

* Dedicated part number for multisplit application.



FUNCTIONS

- > Multi line available in four capacities from 5.2 up to 10.5 kW.
- > DC Inverter and sine wave compressor drive technology.
- > Match with high wall, ducted, cassette and console indoor units.



PRODUCT ADVANTAGES

- > Same indoor for multi and single application (except for XAD018X and CBD018X).
- > Option to connect limited indoor units (total capacity >100% of rated capacity) and extend after installation.
- > Design for long tubing distance installation.

YCZ2-18

Residential multisplit Duo

[COMBINATION TABLE]



Indoor units combinations	COOLING									HEATING								
	Rated capacity (kW)		Total capacity (kW)			Total input power (kW)			EER/ Energy label	Rated capacity (kW)		Total capacity (kW)			Total input power (kW)			COP/ Energy label
	Unit A	Unit B	Rated	Min.	Max.	Rated	Min.	Max.		Unit A	Unit B	Rated	Min.	Max.	Rated	Min.	Max.	
9+9	2.6	2.6	5.2	1.8	6.2	1.62	0.55	2.09	3.21/A	3	3	6	2	6.5	1.66	0.58	1.81	3.61/A
9+12	2.23	2.97	5.2	1.8	6.3	1.62	0.55	2.09	3.21/A	2.57	3.43	6	2	6.5	1.66	0.58	1.81	3.61/A
9+18	1.73	3.47	5.2	1.8	6.7	1.62	0.55	2.15	3.21/A	2	4	6	2	6.8	1.66	0.58	1.89	3.61/A
12+12	2.6	2.6	5.2	1.8	6.7	1.62	0.55	2.15	3.21/A	3	3	6	2	6.8	1.66	0.58	1.89	3.61/A

Based on wall mounted combination

YCZ3-27

Residential multisplit Trio

[COMBINATION TABLE]



Indoor units combinations	COOLING									HEATING										
	Rated capacity (kW)			Total capacity (kW)			Total input power (kW)			EER/ Energy label	Rated capacity (kW)			Total capacity (kW)			Total input power (kW)			COP/ Energy label
	Unit A	Unit B	Unit C	Rated	Min.	Max.	Rated	Min.	Max.		Unit A	Unit B	Unit C	Rated	Min.	Max.	Rated	Min.	Max.	
9+18	2.53	5.07	0	7.6	1.8	9.5	2.33	0.65	3	3.26/A	2.8	5.6	0	8.4	2	10	2.28	0.65	3.25	3.68/A
12+18	3.12	4.68	0	7.8	1.8	9.5	2.43	0.65	3	3.21/A	3.4	5.1	0	8.5	2	10	2.31	0.65	3.25	3.68/A
18+18	3.9	3.9	0	7.8	1.8	9.5	2.43	0.65	3	3.21/A	4.25	4.25	0	8.5	2.2	10.5	2.31	0.65	3.3	3.68/A
9+9+9	2.6	2.6	2.6	7.8	1.88	9.5	2.43	0.64	3	3.21/A	2.83	2.83	2.83	8.5	2.2	10	2.31	0.64	3.25	3.68/A
9+9+12	2.34	2.34	3.12	7.8	1.88	9.5	2.43	0.64	3.2	3.21/A	2.55	2.55	3.4	8.5	2.2	10	2.31	0.64	3.25	3.68/A
9+9+18	1.95	1.95	3.9	7.8	1.88	9.5	2.43	0.64	3.2	3.21/A	2.13	2.13	4.25	8.5	2.2	10	2.31	0.64	3.3	3.68/A
9+12+12	2.13	2.84	2.84	7.8	1.88	9.5	2.43	0.64	3.2	3.21/A	2.32	3.09	3.09	8.5	2.2	10.5	2.31	0.64	3.3	3.68/A
9+12+18	1.8	2.4	3.6	7.8	1.88	9.5	2.43	0.64	3.2	3.21/A	1.96	2.62	3.92	8.5	2.2	10.5	2.31	0.64	3.3	3.68/A
12+12+12	2.6	2.6	2.6	7.8	1.88	9.5	2.43	0.64	3.2	3.21/A	2.83	2.83	2.83	8.5	2.2	10.5	2.31	0.64	3.3	3.68/A

Based on wall mounted combination

YCZ4-30

Residential multisplit Quattro

[COMBINATION TABLE]



Indoor units combinations	COOLING									HEATING												
	Rated capacity (kW)				Total capacity (kW)			Total input power (kW)			EER/ Energy label	Rated capacity (kW)				Total capacity (kW)			Total input power (kW)			COP/ Energy label
	Unit A	Unit B	Unit C	Unit D	Rated	Min.	Max.	Rated	Min.	Max.		Unit A	Unit B	Unit C	Unit D	Rated	Min.	Max.	Rated	Min.	Max.	
9+18	2.53	5.07	0	0	7.6	1.8	9.5	2.33	0.65	3	3.26/A	2.8	5.6	0	0	8.4	2	10	2.28	0.65	3.25	3.68/A
12+18	3.4	5.1	0	0	8.5	1.8	9.5	2.65	0.65	3	3.21/A	3.4	5.1	0	0	8.5	2	10	2.31	0.65	3.25	3.68/A
18+18	4.25	4.25	0	0	8.5	1.8	10	2.65	0.65	3.4	3.21/A	4.5	4.5	0	0	9	2.2	10.5	2.36	0.65	3.3	3.81/A
9+9+9	2.6	2.6	2.6	0	7.8	1.88	9.5	2.43	0.64	3	3.21/A	2.83	2.83	2.83	0	8.5	2.2	10	2.31	0.64	3.25	3.68/A
9+9+12	2.55	2.55	3.4	0	8.5	1.88	10	2.65	0.64	3.4	3.21/A	2.7	2.7	3.6	0	9	2.2	10.5	2.36	0.64	3.25	3.81/A
9+9+18	2.13	2.13	4.25	0	8.5	1.88	10	2.65	0.64	3.4	3.21/A	2.25	2.25	4.5	0	9	2.2	10.5	2.36	0.64	3.3	3.81/A
9+12+12	2.32	3.09	3.09	0	8.5	1.88	10	2.65	0.64	3.4	3.21/A	2.45	3.27	3.27	0	9	2.2	10.5	2.36	0.64	3.3	3.81/A
9+12+18	1.96	2.62	3.92	0	8.5	1.88	10	2.65	0.64	3.4	3.21/A	2.08	2.77	4.15	0	9	2.2	10.5	2.36	0.64	3.3	3.81/A
12+12+12	2.83	2.83	2.83	0	8.5	1.88	10	2.65	0.64	3.4	3.21/A	3	3	3	0	9	2.2	10.5	2.36	0.64	3.3	3.81/A
9+9+9+9	2.13	2.13	2.13	2.13	8.5	2	10	2.65	0.64	3.4	3.21/A	2.25	2.25	2.25	2.25	9	2.3	10.5	2.36	0.66	3.4	3.81/A
9+9+9+12	1.96	1.96	1.96	2.62	8.5	2	10	2.65	0.64	3.4	3.21/A	2.08	2.08	2.08	2.77	9	2.3	10.5	2.36	0.66	3.4	3.81/A

Based on wall mounted combination

YCZ5-36

Residential multisplit Cinco

[COMBINATION TABLE]



Indoor units combinations	COOLING												HEATING												
	Rated capacity (kW)					Total cooling capacity (kW)			Total Input power (kW)				EER/ Energy label	Rated capacity (kW)					Total heating capacity (kW)			Total Input power (kW)			COP/ Energy label
	Unit A	Unit B	Unit C	Unit D	Unit E	Rated	Min.	Max.	Rated	Min.	Max.	Unit A		Unit B	Unit C	Unit D	Unit E	Rated	Min.	Max.	Rated	Min.	Max.		
18+18	5	5	0	0	0	10	2.2	12.38	3.1	0.7	4	3.23/A	5.6	5.6	0	0	0	11.2	2.3	13.1	3.15	0.7	4.3	3.56/B	
9+9+18	2.5	2.5	5	0	0	10	2.2	12.38	3.1	0.72	4.2	3.23/A	2.8	2.8	5.6	0	0	11.2	2.3	13.1	3.15	0.7	4.25	3.56/B	
9+12+12	2.6	3.47	3.47	0	0	9.55	2.2	11.8	3	0.72	3.8	3.18/A	2.8	3.74	3.74	0	0	10.28	2.3	12.05	2.8	0.7	3.85	3.67/A	
9+12+18	2.42	3.23	4.85	0	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.65	3.54	5.31	0	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
9+18+18	2.08	4.16	4.16	0	0	10.4	2.2	12.87	3.25	0.72	4.45	3.20/A	2.3	4.6	4.6	0	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
12+12+12	3.5	3.5	3.5	0	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	3.83	3.83	3.83	0	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
12+12+18	3	3	4.5	0	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	3.29	3.29	4.93	0	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
12+18+18	2.63	3.94	3.94	0	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.88	4.31	4.31	0	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
18+18+18	3.5	3.5	3.5	0	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	3.83	3.83	3.83	0	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
9+9+9+9	2.6	2.6	2.6	2.6	0	10.4	2.2	12.87	3.25	0.72	4.45	3.20/A	2.88	2.88	2.88	2.88	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
9+9+9+12	2.42	2.42	2.42	3.23	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.65	2.65	2.65	3.54	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
9+9+9+18	2.1	2.1	2.1	4.2	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.3	2.3	2.3	4.6	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
9+9+12+12	2.25	2.25	3	3	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.46	2.46	3.29	3.29	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
9+9+12+18	1.97	1.97	2.63	3.94	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.16	2.16	2.88	4.31	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
9+9+18+18	1.75	1.75	3.5	3.5	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	1.92	1.92	3.83	3.83	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
9+12+12+12	2.1	2.8	2.8	2.8	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.3	3.07	3.07	3.07	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
9+12+12+18	1.85	2.47	2.47	3.71	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.03	2.71	2.71	4.06	0	11.5	2.3	13.5	3.18	0.7	4.4	3.62/A	
12+12+12+12	2.63	2.63	2.63	2.63	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.88	2.88	2.88	2.88	0	11.5	2.4	13.5	3.18	0.72	4.4	3.62/A	
12+12+12+18	2.33	2.33	2.33	3.5	0	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.56	2.56	2.56	3.83	0	11.5	2.4	13.5	3.18	0.72	4.4	3.62/A	
9+9+9+9+9	2.1	2.1	2.1	2.1	2.1	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.3	2.3	2.3	2.3	2.3	11.5	2.4	13.5	3.18	0.72	4.4	3.62/A	
9+9+9+9+12	1.97	1.97	1.97	1.97	2.63	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.16	2.16	2.16	2.16	2.88	11.5	2.4	13.5	3.18	0.72	4.4	3.62/A	
9+9+9+9+18	1.75	1.75	1.75	1.75	3.5	10.5	2.2	13	3.27	0.72	4.5	3.21/A	1.92	1.92	1.92	1.92	3.83	11.5	2.4	13.5	3.18	0.72	4.4	3.62/A	
9+9+9+12+12	1.85	1.85	1.85	2.47	2.47	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.03	2.03	2.03	2.71	2.71	11.5	2.4	13.5	3.18	0.72	4.4	3.62/A	
9+9+9+12+18	1.66	1.66	1.66	2.21	3.32	10.5	2.2	13	3.27	0.72	4.5	3.21/A	1.82	1.82	1.82	2.42	3.63	11.5	2.4	13.5	3.18	0.72	4.4	3.62/A	
9+9+12+12+12	1.75	1.75	2.33	2.33	2.33	10.5	2.2	13	3.27	0.72	4.5	3.21/A	1.92	1.92	2.56	2.56	2.56	11.5	2.4	13.5	3.18	0.72	4.4	3.62/A	
9+12+12+12+12	1.66	2.21	2.21	2.21	2.21	10.5	2.2	13	3.27	0.72	4.5	3.21/A	1.82	2.42	2.42	2.42	2.42	11.5	2.4	13.5	3.18	0.72	4.4	3.62/A	
12+12+12+12+12	2.1	2.1	2.1	2.1	2.1	10.5	2.2	13	3.27	0.72	4.5	3.21/A	2.3	2.3	2.3	2.3	2.3	11.5	2.4	13.5	3.18	0.72	4.4	3.62/A	

Based on wall mounted combination

Y CZ

Residential multisplit Duo/Trio/Quattro/Cinco DC Inverter



[TECHNICAL DATA]

Outdoor units			AWAU-YCZ218-H11	AWAU-YCZ327-H11	AWAU-YCZ430-H11	AWAU-YCZ536-H11
OUTDOOR UNIT						
Cooling	Rated capacity	kW	5.2	7.8	8.5	10.5
	Pdesignc	kW	5.2	7.8	8.5	10.5
	Rated power input	kW	1.62	2.43	2.65	3.27
	SEER/Energy label		6.1/A++ *	6.6/A++ *	6.6/A++ *	5.6/A+
	Operating limits	°C	-15°/50° Dry bulb			
Heating	Rated capacity	kW	6.0	8.5	9.0	11.5
	Pdesignh (average climate)	kW	5.9	8.0	8.2	10.5
	Pdesignh (warmer climate)	kW	6.0	8.0	8.2	10.5
	Rated power input	kW	1.66	2.31	2.36	3.18
	SCOP/Energy label (average climate)		4.1/A+	3.9/A	3.9/A	3.8/A
	SCOP/Energy label (warmer climate)		4.8/A++	4.6/A++	4.6/A++	4.4/A++
	Operating limits	°C	-15°/24° Dry bulb			
	Capacity @ -10C	kW	4.5	6.5	6.6	8.4
Capacity @ -15C	kW	4	5.7	5.8	7.2	
Sound pressure level to 1 m	dB(A)	55	58	58	60	
Sound power level	dB(A)	65	68	70	70	
Airflow	m³/h	2500	3500	3800	5500	
Compressor type		Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter	
Outline dimensions (WxHxD)	mm	845x700x320	900x860x315	900x860x315	990x965x345	
Package dimensions (WxHxD)	mm	965x755x395	1043x915x395	1043x915x395	1120x1100x435	
Net weight/Gross weight	kg	48/52	62/67	65/69	80/91	
Part number		7SP091166	7SP091167	7SP091168	7SP091169	
POWER SUPPLY 1~230V - 50 HZ						
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	
Power cable section	mm²	3x2.5	3x2.5	3x2.5	3x4.0	
Fuse rating am	A	25	25	25	32	
Electrical connections	mm²	2 (4x1.0)	3 (4x1.0)	4 (4x1.0)	5 (4x1.0)	
PIPE LINE						
Suction pipe diameter	inches	2x3/8"	3x3/8"	4x3/8"	5x3/8"	
Liquid pipe diameter	inches	2x1/4"	3x1/4"	4x1/4"	5x1/4"	
Max length	m	30	45	60	75	
Max length per circuit	m	20	25	30	30	
Max height between indoor and outdoor units	ODU higher than IDU	m	10	10	10	10
	ODU lower than IDU	m	15	15	15	15
Max height between indoor units	m	10	10	10	10	

* A++ for HND 9 x 2 / HND 9 x 3 / HND 9 x 4 / HKD 9 x 3 combinations.

Airwell

■ *Just feel well*

YZZ GB 0815 - AIRWELL RESIDENTIAL SAS - Specifications subject to change without notice. Pictures non contractual. Printed in UE. B&C

3, AVENUE DU CENTRE - LES QUADRANTS - BAT. A - 78280 GUYANCOURT, FRANCE
TEL.: +33 (0)1 76 21 82 00 | FAX: +33 (0)1 76 21 82 01 | www.airwell-residential.com

Airwell
Residential