

YCZ RESIDENTIAL MULTISPLIT DUO/TRIO/QUATTRO/CINCO

Airwell
Just feel well



+ PRODUCTS

- Efficient.
- Competitive.
- Flexible.

FEATURES

TECHNOLOGY:



INSTALLER FUNCTIONS:



YCZ2-18



YCZ3-27

YCZ4-30

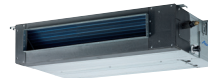
YCZ5-42

- Match with high wall, ducted, cassette and console indoor units.
- Same indoor for multi and single application (see table).
- Design for long tubing distance installation.
- 2 digit display to check running parameters.

COMPATIBLE
WITH

HIGH WALL
HKD 9/12/18/24

DUCTED MEDIUM STATIC
PRESSURE DID 12



CASSETTE
CCD 9X/12/18X

CONSOLE
XBD 12



COMBINATIONS

Sizes	High wall HKD	Ducted DID	Cassette CCD	Console XBD
9	AWSI-HKD009-N11 7SP023054	-	AWSI-CCD009X-N11 7SP042259X Frame part number 7ACVF0566	-
12	AWSI-HKD012-N11 7SP023055	AWSI-DID012-N11 7SP032190	AWSI-CCD012-N11 7SP042260 Frame part number 7ACVF0566	AWSI-XBD012-N11 7SP071410
18	AWSI-HKD018-N11 7SP023056	-	AWSI-CBD018X-N11 7SP042239X Frame part number 7ACVF0566	-
24	AWSI-HKD024-N11 7SP023057	-	-	-

* Dedicated part number for multisplit application.

YCZ RESIDENTIAL MULTISPLIT DUO/TRIO/QUATTRO/CINCO

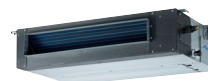
HIGH WALL
HKD 9/12/18/24



HKD INDOOR UNITS TECHNICAL DATA

Indoor units		AWSI-HKD009-N11	AWSI-HKD012-N11	AWSI-HKD018-N11	AWSI-HKD024-N11
Phase		Single phase	Single phase	Single phase	Single phase
Rated power (min./max.)	kW	2.65 (1.0 -3.2)	3.54(1.08-4.1)	5.0(1.8-6.1)	6.8(2.7-7.8)
Rated power (min./max.)	kW	2.7 (0.82-3.3)	3.2 (0.9-4.2)	5.0 (1.4-6.7)	7.3 (1.6-8.7)
Sound pressure level to 1 m (VL/LS/MS/HS)	dB(A)	23/29/34/38	24/33/37/42	24/32/36/42	32/35/40/44
Sound power level	dB(A)	54	54	57	60
Airflow (VL/LS/MS/HS)	m³/h	270/320/420	370/470/570	540/680/840	640/800/980
Dehumidification	l/h	1.0	1.2	1.7	2.4
Outline dimensions (WxHxD)	mm	715x285x194	805x285x194	957x302x213	1040x327x220
Package dimensions (WxHxD)	mm	780x360x270	870x360x270	1035x380x295	1120x310x405
Net weight/Gross weight	kg	6.8/8.9	7.2/9.6	9.5/12.5	11.9/15.2
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	1/2"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	3/8"
Part number		7SP023054	7SP023055	7SP023056	7SP023057

DUCTED MEDIUM STATIC
PRESSURE DID 12



CASSETTE
CCD 9X/12/18X



DID & CCD INDOOR UNITS TECHNICAL DATA

Indoor unit		AWSI-DID012-N11	AWSI-CCD009X-N11	AWSI-CCD012-N11	AWSI-CBD018X-N11
Phase		Single phase	Single phase	Single phase	Single phase
Cooling rated power (min./max.)	kW	3.5 (0.5-4.1)	2.6 (0.8-3.3)	3.5 (0.8-4.1)	5.1 (0.8-6.1)
Heating rated power (min./max.)	kW	3.80 (0.9-4.6)	2.9 (0.85-3.7)	4.1 (0.5-4.4)	5.6 (0.9-7.0)
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	27/34/40	32/36/39	35/39/43	36/40/44
Sound power level	dB(A)	60	53	57	60
Airflow (LS/MS/HS)	m³/h	300/480/600	450/500/580	416/504/617	490/550/660
External static pressure	Pa	25 (0-60)			
Dehumidification	l/h	1.5	1.2	1.5	2
Outline dimensions (WxHxD)	mm	700x200x450	570x270x570	570x260x570	570x270x570
Package dimensions (WxHxD)	mm	860x275x540	655x290x655	655x290x655	655x290x655
Net weight/Gross weight	kg	18/22	14.5/17.3	16.2/21.4	16.5/19
FRAME					
Outline dimensions (WxHxD)	mm		647x50x647	950x55x950	647x50x647
Package dimensions (WxHxD)	mm		715x123x715	1035x90x1035	715x123x715
Net weight/Gross weight	kg		2.5/4.5	5/8	2.5/4.5
Frame part number			7ACVF0566	7ACVF0566	7ACVF0566
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"
Part number		7SP032190	7SP042259X	7SP042260	7SP042239X

CONSOLE
XBD 12



XBD INDOOR UNITS TECHNICAL DATA

Indoor units		AWSI-XBD012-N11
Phase		Single phase
Cooling rated power (min./max.)	kW	3.5 (0.8-3.8)
Heating rated power (min./max.)	kW	3.8 (0.4-4.3)
Sound pressure level to 1 m (LS/MS/HS)	dB(A)	35/41/43
Sound power level	dB(A)	58
Airflow (LS/MS/HS/SS)	m³/h	370/480/512
Dehumidification	l/h	1.5
Outline dimensions (WxHxD)	mm	700x600x210
Package dimensions (WxHxD)	mm	810x710x305
Net weight/Gross weight	kg	14.8/19
PIPE LINE		
Suction pipe diameter	inches	3/8"
Liquid pipe diameter	inches	1/4"
Part number		7SP071410

YCZ RESIDENTIAL MULTISPLIT DUO/TRIO/QUATTRO/CINCO

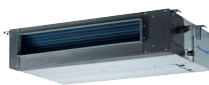
COMPATIBLE
WITH



HIGH WALL
HKD 9/12/18/24



DUCTED MEDIUM STATIC
PRESSURE DID 12



CASSETTE
CCD 9X/12/18X



CONSOLE
XBD 12



YCZ2-18 RESIDENTIAL MULTISPLIT DUO

Indoor units combinations	COOLING									HEATING								
	Rated power (kW)		Total power (kW)			Total input power (kW)			EER/ Energy label	Rated power (kW)		Total power (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	2.65	2.65	5.30	1.80	6.20	1.55	0.55	2.16	3.42/A	3.00	3.00	6.00	2.00	6.50	1.66	0.58	1.81	3.62/A
9+12	2.27	3.03	5.30	1.80	6.30	1.55	0.55	2.16	3.42/A	2.57	3.43	6.00	2.00	6.50	1.66	0.58	1.81	3.62/A
9+18	1.77	3.53	5.30	1.80	6.30	1.55	0.55	2.16	3.42/A	2.00	4.00	6.00	2.00	6.70	1.66	0.58	1.89	3.62/A
12+12	2.65	2.65	5.30	1.80	6.30	1.55	0.55	2.16	3.42/A	3.00	3.00	6.00	2.00	6.70	1.66	0.58	1.89	3.62/A

Based on wall mounted combination



YCZ3-27 RESIDENTIAL MULTISPLIT TRIO

Indoor units combinations	COOLING										HEATING									
	Rated power (kW)			Total power (kW)			Total input power (kW)			EER/ Energy label	Rated power (kW)			Total power (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.	
12+12	3.54	3.54	-	7.08	2.45	8.70	2.17	0.69	2.90	3.26/A	3.70	3.70	-	7.40	2.44	9.20	2.05	0.67	2.70	3.61/A
9+18	2.65	5.00	-	7.65	2.65	8.70	2.37	0.75	2.90	3.23/A	2.80	5.50	-	8.30	2.73	9.20	2.30	0.74	2.70	3.61/A
12+18	3.12	4.68	-	7.80	2.70	8.74	2.42	0.76	2.91	3.22/A	3.40	5.10	-	8.50	2.80	9.25	2.35	0.76	2.71	3.62/A
18+18	3.90	3.90	-	7.80	2.70	8.83	2.42	0.76	2.94	3.22/A	4.25	4.25	-	8.50	2.80	9.34	2.35	0.76	2.74	3.62/A
9+9+9	2.60	2.60	2.60	7.80	2.70	8.70	2.42	0.76	2.90	3.22/A	2.83	2.83	2.83	8.50	2.80	9.20	2.35	0.70	2.70	3.62/A
9+9+12	2.34	2.34	3.12	7.80	2.70	8.74	2.42	0.76	2.91	3.22/A	2.55	2.55	3.40	8.50	2.80	9.25	2.35	0.70	2.71	3.62/A
9+9+18	1.95	1.95	3.90	7.80	2.70	8.83	2.42	0.76	2.94	3.22/A	2.13	2.13	4.24	8.50	2.80	9.34	2.35	0.70	2.74	3.62/A
9+12+12	2.12	2.84	2.84	7.80	2.70	8.79	2.42	0.76	2.93	3.22/A	2.32	3.09	3.09	8.50	2.80	9.29	2.35	0.70	2.73	3.62/A
9+12+18	1.80	2.40	3.60	7.80	2.70	8.87	2.42	0.76	2.96	3.22/A	1.96	2.62	3.92	8.50	2.80	9.38	2.35	0.70	2.75	3.62/A
12+12+12	2.60	2.60	2.60	7.80	2.70	8.83	2.42	0.76	2.94	3.22/A	2.83	2.83	2.83	8.50	2.80	9.34	2.35	0.70	2.74	3.62/A

Based on wall mounted combination



YCZ4-30 RESIDENTIAL MULTISPLIT QUATTRO

Indoor units combinations	COOLING											HEATING										
	Rated power (kW)				Total power (kW)			Total input power (kW)			EER/ Energy label	Rated power (kW)				Total power (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.	
12+12	3.54	3.54	-	-	7.08	2.25	7.60	2.12	0.64	2.58	3.34/A	3.70	3.70	-	-	7.40	2.30	9.60	2.14	0.72	2.93	3.46/B
9+18	2.65	5.00	-	-	7.65	2.43	9.40	2.33	0.69	3.20	3.28/A	2.80	5.50	-	-	8.30	2.58	10.00	2.40	0.79	3.05	3.46/B
9+24	2.32	6.18	-	-	8.50	2.70	9.80	2.64	0.77	3.40	3.22/A	2.45	6.55	-	-	9.00	2.86	10.00	2.61	0.94	3.19	3.45/B
12+18	3.40	5.10	-	-	8.50	2.70	9.40	2.64	0.77	3.40	3.22/A	3.40	5.10	-	-	8.50	2.64	10.00	2.46	0.81	3.05	3.46/B
12+24	2.83	5.67	-	-	8.50	2.70	9.80	2.64	0.77	3.40	3.22/A	3.00	6.00	-	-	9.00	2.86	10.00	2.61	0.94	3.19	3.45/B
18+18	4.25	4.25	-	-	8.50	2.70	9.80	2.64	0.77	3.40	3.22/A	4.50	4.50	-	-	9.00	2.80	10.00	2.61	0.85	3.05	3.45/B
9+9+9	2.65	2.65	2.65	-	7.95	2.53	9.50	2.44	0.72	3.00	3.26/A	2.83	2.83	2.83	-	8.50	2.64	10.00	2.40	0.75	3.05	3.54/B
9+9+12	2.55	2.55	3.40	-	8.50	2.70	9.80	2.64	0.77	3.13	3.22/A	2.70	2.70	3.60	-	9.00	2.80	10.00	2.55	0.79	3.05	3.53/B
9+9+18	2.13	2.13	4.24	-	8.50	2.70	9.80	2.64	0.77	3.13	3.22/A	2.25	2.25	4.50	-	9.00	2.80	10.00	2.55	0.79	3.05	3.53/B
9+12+12	2.32	3.09	3.09	-	8.50	2.70	9.80	2.64	0.77	3.13	3.22/A	2.46	3.27	3.27	-	9.00	2.80	10.00	2.55	0.79	3.05	3.53/B
9+12+18	1.96	2.62	3.92	-	8.50	2.70	9.92	2.64	0.77	3.17	3.22/A	2.08	2.77	4.15	-	9.00	2.80	10.12	2.55	0.79	3.09	3.53/B
12+12+12	2.83	2.83	2.83	-	8.50	2.70	9.80	2.64	0.77	3.13	3.22/A	3.00	3.00	3.00	-	9.00	2.80	10.00	2.55	0.79	3.05	3.53/B
12+12+18	2.43	2.43	3.64	-	8.50	2.70	10.04	2.64	0.77	3.21	3.22/A	2.57	2.57	3.86	-	9.00	2.80	10.24	2.55	0.79	3.12	3.53/B
9+9+9+9	2.13	2.13	2.13	2.13	8.50	2.70	9.80	2.64	0.77	3.13	3.22/A	2.25	2.25	2.25	2.25	9.00	2.80	10.00	2.49	0.73	3.05	3.61/A
9+9+9+12	1.96	1.96	1.96	2.62	8.50	2.70	9.92	2.64	0.77	3.17	3.22/A	2.08	2.08	2.08	2.76	9.00	2.80	10.12	2.49	0.73	3.09	3.61/A

Based on wall mounted combination

YCZ RESIDENTIAL MULTISPLIT DUO/TRIO/QUATTRO/CINCO

COMPATIBLE
WITH

HIGH WALL
HKD 9/12/18/24



DUCTED MEDIUM STATIC
PRESSURE DID 12



CASSETTE
CCD 9X/12/18X



CONSOLE
XBD 12



YCZ5-42 RESIDENTIAL MULTISPLIT CINCO

Indoor units combinations	COOLING												HEATING											
	Rated power (kW)					Total cooling power (kW)			Total Input power (kW)			EER/ Energy label	Rated power (kW)					Total heating power (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	5.00	5.00	-	-	-	10.00	2.44	12.20	2.94	0.67	3.43	3.40/A	5.50	5.50	-	-	-	11.00	2.69	12.20	3.13	0.81	3.49	3.51/B
18+24	5.00	6.80	-	-	-	11.80	2.88	13.50	3.62	0.79	3.80	3.26/A	5.27	7.03	-	-	-	12.30	3.07	13.50	3.52	0.91	3.86	3.49/B
9+9+18	2.65	2.65	5.00	-	-	10.30	2.51	12.38	3.05	0.69	3.48	3.38/A	2.80	2.80	5.50	-	-	11.10	2.89	12.38	3.12	0.82	3.54	3.56/B
9+9+24	2.65	2.65	6.80	-	-	12.10	2.95	13.50	3.74	0.81	3.80	3.24/A	2.64	2.64	7.02	-	-	12.30	3.15	13.50	3.48	0.89	3.86	3.53/B
9+12+12	2.65	3.54	3.54	-	-	9.73	2.37	11.80	2.84	0.65	3.32	3.43/A	2.80	3.70	3.70	-	-	10.20	2.65	11.80	2.86	0.76	3.37	3.57/B
9+12+18	2.65	3.54	5.00	-	-	11.19	2.73	13.50	3.38	0.75	3.80	3.31/A	2.80	3.70	5.50	-	-	12.00	3.12	13.60	3.39	0.88	3.89	3.54/B
9+12+24	2.46	3.28	6.56	-	-	12.30	3.00	13.50	3.82	0.82	3.80	3.22/A	2.46	3.28	6.56	-	-	12.30	3.20	13.50	3.48	0.90	3.86	3.53/B
9+18+18	2.46	4.92	4.92	-	-	12.30	3.00	13.50	3.82	0.82	3.80	3.22/A	2.46	4.92	4.92	-	-	12.30	3.20	14.06	3.48	0.90	4.02	3.53/B
12+12+12	3.54	3.54	3.54	-	-	10.62	2.59	13.00	3.17	0.71	3.66	3.35/A	3.70	3.70	3.70	-	-	11.10	2.89	13.00	3.12	0.82	3.71	3.56/B
12+12+18	3.54	3.54	5.00	-	-	12.08	2.95	13.50	3.73	0.81	3.80	3.24/A	3.51	3.51	5.28	-	-	12.30	3.20	14.00	3.48	0.90	4.00	3.53/B
12+12+24	3.08	3.08	6.14	-	-	12.30	3.00	13.50	3.82	0.82	3.80	3.22/A	3.08	3.08	6.14	-	-	12.30	3.20	13.50	3.48	0.90	3.86	3.53/B
12+18+18	3.08	4.61	4.61	-	-	12.30	3.00	13.50	3.82	0.82	3.80	3.22/A	3.08	4.61	4.61	-	-	12.30	3.20	14.11	3.48	0.90	4.03	3.53/B
12+18+24	2.73	4.10	5.47	-	-	12.30	3.00	13.50	3.82	0.82	3.80	3.22/A	2.73	4.10	5.47	-	-	12.30	3.20	13.50	3.48	0.90	3.86	3.53/B
18+18+18	4.10	4.10	4.10	-	-	12.30	3.00	13.50	3.82	0.82	3.80	3.22/A	4.10	4.10	4.10	-	-	12.30	3.20	14.22	3.48	0.90	4.06	3.53/B
9+9+9+9	2.65	2.65	2.65	2.65	-	10.60	2.59	13.50	3.16	0.71	3.80	3.35/A	2.80	2.80	2.80	2.80	-	11.20	2.91	14.00	3.11	0.79	4.00	3.60/B
9+9+9+12	2.65	2.65	2.65	3.54	-	11.49	2.80	13.50	3.50	0.77	3.80	3.28/A	2.80	2.80	2.80	3.70	-	12.10	3.15	14.00	3.38	0.85	4.00	3.58/B
9+9+9+18	2.46	2.46	2.46	4.92	-	12.30	3.00	13.50	3.82	0.82	3.80	3.22/A	2.46	2.46	2.46	4.92	-	12.30	3.20	14.06	3.44	0.86	4.02	3.58/B
9+9+9+24	2.17	2.17	2.17	5.79	-	12.30	3.00	13.64	3.82	0.82	3.84	3.22/A	2.17	2.17	2.17	5.79	-	12.30	3.20	13.64	3.44	0.86	3.90	3.58/B
9+9+12+12	2.64	2.64	3.51	3.51	-	12.30	3.00	13.50	3.82	0.82	3.80	3.22/A	2.64	2.64	3.51	3.51	-	12.30	3.20	14.00	3.44	0.86	4.00	3.58/B
9+9+12+18	2.31	2.31	3.08	4.60	-	12.30	3.00	13.57	3.82	0.82	3.82	3.22/A	2.31	2.31	3.08	4.60	-	12.30	3.20	14.11	3.44	0.86	4.03	3.58/B
9+9+12+24	2.05	2.05	2.73	5.47	-	12.30	3.00	13.70	3.82	0.82	3.86	3.22/A	2.05	2.05	2.73	5.47	-	12.30	3.20	13.70	3.44	0.86	3.91	3.58/B
9+9+18+18	2.05	2.05	4.10	4.10	-	12.30	3.00	13.70	3.82	0.82	3.86	3.22/A	2.05	2.05	4.10	4.10	-	12.30	3.20	14.22	3.44	0.86	4.06	3.58/B
9+12+12+12	2.46	3.28	3.28	3.28	-	12.30	3.00	13.50	3.82	0.82	3.80	3.22/A	2.46	3.28	3.28	3.28	-	12.30	3.20	14.06	3.44	0.86	4.02	3.58/B
9+12+12+18	2.17	2.89	2.89	4.35	-	12.30	3.00	13.64	3.82	0.82	3.84	3.22/A	2.17	2.89	2.89	4.35	-	12.30	3.20	14.17	3.44	0.86	4.05	3.58/B
9+12+12+24	1.94	2.59	2.59	5.18	-	12.30	3.00	13.77	3.82	0.82	3.88	3.22/A	1.94	2.59	2.59	5.18	-	12.30	3.20	13.77	3.44	0.86	3.93	3.58/B
9+12+18+18	1.94	2.60	3.88	3.88	-	12.30	3.00	13.77	3.82	0.82	3.88	3.22/A	1.94	2.59	3.89	3.89	-	12.30	3.20	13.77	3.44	0.86	3.93	3.58/B
12+12+12+12	3.08	3.08	3.08	3.08	-	12.30	3.00	13.57	3.82	0.82	3.82	3.22/A	3.08	3.08	3.08	3.08	-	12.30	3.20	14.11	3.44	0.86	4.03	3.58/B
12+12+12+18	2.73	2.73	2.73	4.11	-	12.30	3.00	13.70	3.82	0.82	3.86	3.22/A	2.73	2.73	2.73	4.11	-	12.30	3.20	14.22	3.44	0.86	4.06	3.58/B
9+9+9+9+9	2.46	2.46	2.46	2.46	2.46	12.30	3.00	13.50	3.82	0.82	3.80	3.22/A	2.46	2.46	2.46	2.46	2.46	12.30	3.20	14.06	3.40	0.82	4.02	3.62/A
9+9+9+9+12	2.31	2.31	2.31	2.31	3.08	12.30	3.00	13.57	3.82	0.82	3.82	3.22/A	2.31	2.31	2.31	2.31	3.08	12.30	3.20	14.11	3.40	0.82	4.03	3.62/A
9+9+9+9+18	2.05	2.05	2.05	2.05	4.10	12.30	3.00	13.70	3.82	0.82	3.86	3.22/A	2.05	2.05	2.05	2.05	4.10	12.30	3.20	14.22	3.40	0.82	4.06	3.62/A
9+9+9+12+12	2.17	2.17	2.17	2.90	2.90	12.30	3.00	13.64	3.82	0.82	3.84	3.22/A	2.17	2.17	2.17	2.90	2.90	12.30	3.20	14.17	3.40	0.82	4.05	3.62/A
9+9+9+12+18	1.94	1.94	1.94	2.59	3.89	12.30	3.00	13.77	3.82	0.82	3.88	3.22/A	1.94	1.94	1.94	2.59	3.89	12.30	3.20	14.28	3.40	0.82	4.08	3.62/A
9+9+12+12+12	2.06	2.06	2.73	2.73	2.73	12.30	3.00	13.70	3.82	0.82	3.86	3.22/A	2.06	2.06	2.73	2.73	2.73	12.30	3.20	14.22	3.40	0.82	4.06	3.62/A
9+12+12+12+12	1.94	2.59	2.59	2.59	2.59	12.30	3.00	13.77	3.82	0.82	3.88	3.22/A	1.94	2.59	2.59	2.59	2.59	12.30	3.20	14.28	3.40	0.82	4.08	3.62/A

Based on wall mounted combination

YCZ TECHNICAL DATA

Outdoor units			AWAU- YCZ218-H11	AWAU- YCZ327-H11	AWAU- YCZ430-H11	AWAU- YCZ542-H11
Phase			Single phase	Single phase	Single phase	Single phase
OUTDOOR UNIT						
Cooling	Rated power (min./max.)	kW	5.3 (1.8-6.3)	7.8 (2.7-8.7)	8.5 (2.8-9.2)	12.3 (3.0-13.5)
	Pdesignnc	kW	5.3	7.8	8.5	12.3
	Rated power input	kW	1.419	2.422	2.64	3.82
	SEER/Energy label		7.4/A++ *	6.6/A++ *	6.6/A++ *	6.6/A++ *
	Operating limits	°C	-15°/50° Dry bulb			
Heating	Rated power (min./max.)	kW	6.0 (2.0-6.5)	8.5 (2.8-9.2)	9.0 (2.8-10.0)	12.3 (3.0-14.0)
	Pdesignnh (average climate)	kW	5.3	6.5	7.2	9.6
	Pdesignnh (warmer climate)	kW	5.5	6.6	7.3	9.8
	Rated power input	kW	1.657	2.348	2.486	3.407
	SCOP/Energy label (average climate)		4.1/A+	4.0/A	3.9/A	3.8/A
	SCOP/Energy label (warmer climate)		5.1/A+++	5.1/A+++	5.1/A+++	4.6/A++
	Operating limits	°C	-15°/24° Dry bulb			
	Power @ -10°C	kW	4.5	6.5	6.6	8.4
	Power @ -15°C	kW	4.0	5.7	5.8	7.2
Sound pressure level to 1 m		dB(A)	55	58	58	60
Sound power level		dB(A)	63	67	67	70
Airflow		m³/h	2500	3500	3500	5500
Compressor type			Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)		mm	923x702x363	1034x810x410	1034x810x410	1034x810x410
Package dimensions (WxHxD)		mm	965x755x395	1090x865x500	1090x865x500	1090x865x500
Net weight/Gross weight		kg	48/52	68/73	70/75	76/81
Part number			7SP091170	7SP091171	7SP091172	7SP091173
POWER SUPPLY						
Phase/Tension/Frequency			1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz
Power supply side			Outdoor	Outdoor	Outdoor	Outdoor
Power cable section		mm²	3x2.5	3x2.5	3x2.5	3x4.0
Fuse rating am (D curve)		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"	3x3/8"+1/2"	4x3/8"+1/2"
Liquid pipe diameter		inches	2x1/4"	3x1/4"	4x1/4"	5x1/4"
Max. length		m	30	45	60	80
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
Refrigerant / GWP			R410A/2088	R410A/2088	R410A/2088	R410A/2088
Charge / Amount length		kg/m	2 / 15	2.4 / 22.5	2.4 / 30	3.6 / 37.5

* A++ for HKD 9 x 3 combinations.

Nota: Pipe adaptor (3/8" → 1/2") needs to be fixed on the gas valve of outdoor unit when connecting 18K indoor unit. This adaptor can be supplied by Airwell (ref. 15111600000297).

Pipe adaptor 3/8" → 5/8" needs to be fixed on the gas valve and a pipe adaptor 1/4" → 3/8" on the liquid valve of outdoor unit when connecting 24K indoor unit.