

Airwell

■ *Just feel well*

YBZE [**ECODESIGN**]

High wall residential multisplit
Duo/Trio/Quattro
DC Inverter 



All sizes



COMPATIBLE WITH

HZDE 9/12/18



[**ECODESIGN**] Comply with ECO Design regulation

YBZE

High wall residential multisplit Duo/Trio/Quattro

FUNCTIONS

- > Multi line available in 3 capacities from 5 up to 8 kW.
- > DC Inverter and sine wave compressor drive technology.
- > Apply with high wall line.

PRODUCT ADVANTAGES

- > A/A class efficiency. Minimum energy consumption.
- > Rapid operation in cooling and heating mode.
- > Advance logic for precise temperature control.



YBZE2-18

Residential multisplit Duo

[CAPACITY COMBINATION]



Indoor units combinations	COOLING									HEATING										
	Capacity (kW)					Power input (kW)				EER	Capacity (kW)					Power input (kW)				COP
	A	B	Nominal	Min	Max	Nominal	Min	Max	A		B	Nominal	Min	Max	Nominal	Min	Max			
9	2.60	-	2.60	1.50	3.50	0.85	0.50	2.00	3.06	3.20	-	3.20	1.60	4.50	1.10	0.55	2.00	2.91		
12	3.50	-	3.50	2.00	4.40	1.10	0.50	2.00	3.18	3.80	-	3.80	1.80	4.80	1.15	0.55	2.00	3.30		
9+9	2.50	2.50	5.00	2.05	6.20	1.55	0.50	2.55	3.23	2.80	2.80	5.60	2.50	6.65	1.55	0.58	2.70	3.61		
9+12	2.14	2.86	5.00	2.15	6.30	1.55	0.50	2.55	3.23	2.40	3.20	5.60	2.50	6.75	1.55	0.58	2.70	3.61		
12+12	2.50	2.50	5.00	2.15	6.30	1.55	0.50	2.55	3.23	2.80	2.80	5.60	2.50	6.75	1.55	0.58	2.70	3.61		

YBZE3-24

Residential multisplit Trio

[CAPACITY COMBINATION]



Indoor units combinations	COOLING										HEATING											
	Capacity (kW)						Power input (kW)				EER	Capacity (kW)						Power input (kW)				COP
	A	B	C	Nominal	Min	Max	Nominal	Min	Max	A		B	C	Nominal	Min	Max	Nominal	Min	Max			
9+9	2.60	2.60	-	5.20	2.00	7.80	1.55	0.60	4.20	3.35	3.20	3.20	-	6.40	3.20	8.50	2.05	0.90	3.95	3.12		
9+12	2.61	3.49	-	6.10	2.10	8.00	2.00	0.70	4.30	3.05	3.09	4.11	-	7.20	3.50	9.30	2.25	0.90	4.40	3.20		
9+18	2.33	4.67	-	7.00	2.25	9.20	2.18	0.80	4.40	3.21	2.57	5.13	-	7.70	3.70	9.90	2.40	0.90	4.40	3.21		
12+12	3.50	3.50	-	7.00	2.20	8.20	2.18	0.75	4.30	3.21	3.85	3.85	-	7.70	3.50	9.50	2.26	0.90	4.40	3.41		
12+18	2.80	4.20	-	7.00	2.30	9.50	2.18	0.80	4.40	3.21	3.12	4.68	-	7.80	3.80	11.00	2.40	0.90	4.40	3.25		
9+9+9	2.37	2.37	2.37	7.10	2.20	10.00	2.20	0.65	4.60	3.23	2.83	2.83	2.83	8.50	3.60	11.00	2.40	0.85	4.00	3.54		
9+9+12	2.13	2.13	2.84	7.10	2.20	10.00	2.20	0.65	4.60	3.23	2.57	2.57	3.42	8.55	3.80	11.00	2.40	0.85	4.00	3.56		
9+9+18	1.78	1.78	3.55	7.10	2.20	10.00	2.20	0.65	4.65	3.23	2.14	2.14	4.28	8.55	3.80	11.00	2.40	0.85	4.00	3.56		
9+12+12	1.94	2.58	2.58	7.10	2.20	10.00	2.20	0.65	4.65	3.23	2.33	3.11	3.11	8.55	3.80	11.00	2.40	0.85	4.00	3.56		
9+12+18	1.64	2.18	3.28	7.10	2.20	10.00	2.20	0.65	4.65	3.23	1.97	2.63	3.95	8.55	3.80	11.00	2.40	0.85	4.00	3.56		
12+12+12	2.37	2.37	2.37	7.10	2.20	10.00	2.20	0.65	4.65	3.23	2.85	2.85	2.85	8.55	3.80	11.00	2.40	0.85	4.00	3.56		
12+12+18	2.03	2.03	3.04	7.10	2.20	10.00	2.20	0.65	4.65	3.23	2.44	2.44	3.66	8.55	3.80	11.00	2.40	0.85	4.00	3.56		

YBZE4-30

Residential multisplit Quattro

[CAPACITY COMBINATION]



Indoor units combinations	COOLING										HEATING											
	Capacity (kW)						Power input (kW)				EER	Capacity (kW)						Power input (kW)				COP
	A	B	C	D	Nominal	Min	Max	Nominal	Min	Max		A	B	C	D	Nominal	Min	Max	Nominal	Min	Max	
9+9	2.50	2.50	-	-	5.00	2.00	7.80	1.55	0.60	4.20	3.23	3.20	3.20	-	-	6.40	3.20	8.50	2.05	0.90	3.95	3.12
9+12	2.66	3.54	-	-	6.20	2.10	8.00	2.00	0.70	4.30	3.10	3.09	4.11	-	-	7.20	3.50	9.30	2.25	0.90	4.40	3.20
9+18	2.33	4.67	-	-	7.00	2.25	9.20	2.18	0.80	4.40	3.21	2.57	5.13	-	-	7.70	3.70	9.90	2.40	0.90	4.40	3.21
12+12	3.50	3.50	-	-	7.00	2.20	8.20	2.18	0.75	4.30	3.21	3.85	3.85	-	-	7.70	3.50	9.50	2.26	0.90	4.40	3.41
12+18	2.80	4.20	-	-	7.00	2.30	9.50	2.18	0.80	4.40	3.21	3.12	4.68	-	-	7.80	3.80	9.90	2.40	0.90	4.40	3.25
9+9+9	2.37	2.37	2.37	-	7.10	2.20	9.50	2.20	0.65	4.60	3.23	2.83	2.83	2.83	-	8.50	3.70	9.90	2.40	0.85	4.00	3.54
9+9+12	2.13	2.13	2.84	-	7.10	2.20	9.50	2.20	0.65	4.60	3.21	2.57	2.57	3.42	-	8.55	3.80	9.90	2.40	0.85	4.00	3.56
9+9+18	1.78	1.78	3.55	-	7.10	2.20	9.60	2.20	0.65	4.65	3.23	2.14	2.14	4.28	-	8.55	3.80	9.90	2.40	0.85	4.00	3.56
9+12+12	1.94	2.58	2.58	-	7.10	2.20	9.60	2.20	0.65	4.65	3.23	2.33	3.11	3.11	-	8.55	3.80	9.90	2.40	0.85	4.00	3.56
9+12+18	1.64	2.18	3.28	-	7.10	2.20	9.60	2.20	0.65	4.65	3.23	1.97	2.63	3.95	-	8.55	3.80	9.90	2.40	0.85	4.00	3.56
12+12+12	2.37	2.37	2.37	-	7.10	2.20	9.60	2.20	0.65	4.65	3.23	2.85	2.85	2.85	-	8.55	3.80	9.90	2.50	0.85	4.00	3.42
12+12+18	2.03	2.03	3.04	-	7.10	2.20	9.60	2.20	0.65	4.65	3.23	2.44	2.44	3.66	-	8.55	3.80	9.90	2.50	0.85	4.00	3.42
9+9+9+9	2.00	2.00	2.00	2.00	8.00	2.20	10.00	2.48	0.65	4.65	3.23	2.33	2.33	2.33	2.33	9.30	3.90	11.00	2.55	0.98	4.00	3.65
9+9+9+12	1.85	1.85	1.85	2.46	8.00	2.20	10.00	2.48	0.65	4.65	3.23	2.22	2.22	2.22	2.95	9.60	3.90	11.00	2.55	0.98	4.00	3.76
9+9+9+18	1.60	1.60	1.60	3.20	8.00	2.20	10.00	2.48	0.65	4.65	3.23	1.92	1.92	1.92	3.84	9.60	3.90	11.00	2.55	0.98	4.00	3.76
9+9+12+12	1.71	1.71	2.29	2.29	8.00	2.20	10.00	2.48	0.65	4.50	3.23	2.06	2.06	2.74	2.74	9.60	3.90	11.00	2.55	0.98	4.00	3.76
9+12+12+12	1.60	2.13	2.13	2.13	8.00	2.20	10.00	2.48	0.65	4.50	3.23	1.92	2.56	2.56	2.56	9.60	3.90	11.00	2.55	0.98	4.00	3.76
9+9+12+18	1.50	1.50	2.00	3.00	8.00	2.20	10.00	2.48	0.65	4.50	3.23	1.80	1.80	2.40	3.60	9.60	3.90	11.00	2.55	0.98	4.00	3.76
12+12+12+12	2.00	2.00	2.00	2.00	8.00	2.20	10.00	2.48	0.65	4.50	3.23	2.40	2.40	2.40	2.40	9.60	3.90	11.00	2.55	0.98	4.00	3.76

YBZE

High wall residential multisplit Duo/Trio/Quattro



[TECHNICAL DATA]

Outdoor units		AWAU-YBZE218-H11	AWAU-YBZE324-H11	AWAU-YBZE430-H11
COOLING				
Rated capacity	kW	5.0 (2.05-6.2)	7.1 (2.2-10)	8.0 (2.2-10.0)
Pdesignc	kW	5.0 *	7.1 *	8.0 *
Input power	kW	1.55	2.25	2.49
SEER/Energy label		5.6/A+	5.1/A	5.1/A
Operating limits	°C	-15°/ 48° Dry bulb		
HEATING				
Rated capacity	kW	5.6 (2.5-6.65)	8.5 (3.6-11)	9.3 (2.8-11.0)
Pdesignh	kW	4.6	7.0	7.0
Input power	kW	1.55	2.35	2.58
SCOP/Energy label		3.8/A	3.8/A	3.8/A
Operating limits	°C	-15°/24° Dry bulb		
Capacity @ -10°C	kW	4.0	6.3	6.3
Capacity @ -15°C	kW	3.4	5.8	5.8
OUTDOOR UNIT				
Sound pressure level to 1 m	dB(A)	53	58	58
Sound power level	dB(A)	63	68	68
Airflow	m³/h	3200	4000	4000
Compressor type		Twin Rotary DC Inverter	Twin Rotary DC Inverter	Twin Rotary DC Inverter
Outline dimensions (WxHxD)	mm	963x700x396	1001x790x427	1001x790x427
Package dimensions (WxHxD)	mm	1029x750x458	1083x855x488	1083x855x488
Net weight/Gross weight	kg	50/55	64/70	65/71
Part number		7SP091158	7SP091159	7SP091160
POWER SUPPLY 1~230V - 50 HZ				
Power supply side		Outdoor	Outdoor	Outdoor
Power cable section	mm²	3x2.5	3x2.5	3x2.5
Fuse rating am	A	25	32	32
Electrical connections	mm²	2x (4x1.0)	3x (4x1.0)	4x (4x1.0)
PIPE LINE				
Suction pipe diameter	inches	2x3/8"	3x3/8"	4x3/8"
Liquid pipe diameter	inches	2x1/4"	3x1/4"	4x1/4"
Max length	m	20	70	70
Max length per circuit	m	10	20	20
Max height between indoor and outdoor units	m	10	10	10
Max height between indoor units	m	10	10	10
Indoor unit		AWSI-HZDE009-N11	AWSI-HZDE012-N11	AWSI-HZDE018-N11
Cooling capacity	kW	2.6	3.5	5.3
Heating capacity	kW	2.8	3.8	5.8
INDOOR UNIT				
Sound pressure level to 1 m (LS/MS/HS/SS)	dB(A)	24/30/38/41	25/31/39/42	32/37/40/45
Sound power level (LS/MS/HS/SS)	dB(A)	39/45/53/56	40/46/54/57	47/52/55/60
Airflow (LS/MS/HS/SS)	m³/h	280/370/520/600	300/410/560/680	460/560/680/800
Dehumidification	l/h	0.8	1.4	1.8
Outline dimensions (WxHxD)	mm	770x283x201	770x283x201	865x305x215
Package dimensions (WxHxD)	mm	855x360x280	855x360x280	948x383x310
Net weight/Gross weight	kg	8/10	9/11	12/15
Part number		7SP022908	7SP022909	7SP022910
PIPE LINE				
Suction pipe diameter	inches	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"