





























YBZ

HIGH WALL RESIDENTIAL MULTI DUO/TRIO/QUATTRO

- > Capacity range available in 3 capacities from 3.9 up to 7.8 kW.
- > DC Inverter and sine wave compressor drive technology.
- > Apply with high wall line.

PRODUCT ADVANTAGES

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

 A/A CLASS	 DC INVERTER	 SINE WAVE COMPRESSOR DRIVE	 1 W STANDBY POWER	 LOW VOLTAGE STARTUP	 LOW TEMPERATURE STARTUP
 R410A FLUID	 NANO PHOTOCATALYTIC FILTER	 ELECTROSTATIC FILTER - ANTIBACTERIA	 AUTO CLEAN/DRY	 I FEEL	 WIDE ANGLE LOUVER
 MOTORIZED 2D AIRFLOW	 SLEEP MODE	 HOT KEEP	 DIGITAL DISPLAY	 TURBO MODE	 TIMER
 SELF DIAGNOSTIC-DIGITAL	 LOW BATTERY INDICATION	 AUTO RESTART	 REMOTE CONTROL LOCK	 ADVANCED DEFROST	 AUTO MODE OPERATION
 TECHNICIAN TEST MODE	 -15°C MINIMUM HEATING	ON REQUEST			
 SUPER PLASMA	 GOLDEN FINS CONDENSER				

YBZ TECHNICAL DATA

	Outdoor Units		AWAU-YBZ214-H11	AWAU-YBZ318-H11	AWAU-YBZ430-H11
COOLING	Capacity	kW	3.9 (2.0-4.7)	6.8 (2.2-10.00)	7.8 (2.2-10.00)
	Power input	kW	1.14	2.11	2.42
	EER/Energy Label		3.42/A	3.22/A	3.22/A
	Operating limits	°C	-5°/43° Dry bulb		
HEATING	Capacity	kW	4.3 (2.5-5.5)	8.0 (2.8-11.0)	8.7 (2.8-11.0)
	Input power	kW	1.13	2.21	2.4
	COP/Energy Label		3.80/A	3.62/A	3.63/A
	Operating limits	°C	-15°/24° Dry bulb		
OUTDOOR UNIT	Sound pressure level to 1 m	dB(A)	56	58	59
	Sound power level	dB(A)	66	68	69
	Airflow	m³/h	2600	3300	3300
	Compressor type		Rotary DC Inverter	Rotary DC Inverter	Rotary DC Inverter
	Dimensions (WxDxH)	mm	899x378x596	955x396x700	955x396x700
	Weight	kg	43	59	60
	Part number		7SP091155	7SP091156	7SP091157
POWER SUPPLY 1~230V - 50 Hz	Power supply side		Outdoor	Outdoor	Outdoor
	Power cable section	mm²	3x2.5	3x4.0	3x4.0
	Fuse rating am	A	25A	32A	32A
	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 lenght	m	20	70	70
	Max lenght per circuit	m	10	20	20
	Max height between indoor and outdoor units	m	5	10	10
	Max height between indoor units	m	5	10	10
	Indoor unit		AWSI-HZD009-N11	AWSI-HZD012-N11	AWSI-HZD018-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)	34/40/48/51	35/41/49/52	42/47/50/55
	Airflow (LS/MS/HS/SS)	m³/h	280/350/500/600	300/410/560/680	460/560/680/800
	Dehumidification	l/h	0.8	1.5	3
	Dimensions (WxDxH)	mm	770x201x283	770x201x283	865x215x305
	Weight	kg	8	9	12
	Part number		7SP022862	7SP022863	7SP022864
PIPE LINE	Suction pipe diameter	inches	3/8"	3/8"	1/2"
	Liquid pipe diameter	inches	1/4"	1/4"	1/4"

AIRWELL SOLUTIONS



CAPACITY COMBINATION



Indoor units combinations	COOLING											HEATING										
	Capacity (kW)						Power input (kW)			EER/ Energy label	Capacity (kW)				Power input (kW)			COP/ Energy label				
	A	B	C	D	Totale	Min	Max	Nom.	Min		Max	A	B	C	D	Totale	Min		Max	Nom.	Min	Max
9	2600				2600	2000	4300	700	500	2000	3.71/A	2800				2800	1950	4700	830	580	2150	3.37/C
12	3500				3500	2000	4400	900	500	2000	3.89/A	3800				3800	2000	4800	1050	580	2150	3.62/A
9+9	1950	1950			3900	2000	4700	1140	500	2000	3.42/A	2150	2150			4300	2500	5500	1130	580	2150	3.81/A
9+12	1670	2230			3900	2000	4700	1140	500	2000	3.42/A	1840	2460			4300	2500	5500	1130	580	2150	3.81/A

Based on wall mounted combination



Indoor units combinations	COOLING											HEATING										
	Capacity (kW)						Power input (kW)			EER/ Energy label	Capacity (kW)				Power input (kW)			COP/ Energy label				
	A	B	C	D	Totale	Min	Max	Nom.	Min		Max	A	B	C	D	Totale	Min		Max	Nom.	Min	Max
9	2600				2600	2200	4300	750	650	2500	3.47/A	2800				2800	1950	4700	1050	980	2450	2.67/E
12	3500				3500	2200	4400	950	650	2500	3.68/A	3800				3800	2000	4800	1350	980	2500	2.81/D
18	5300				5300	2200	6700	1400	650	2600	3.79/A	5800				5800	2550	8200	1950	980	2950	2.97/D
9+9	2500	2500			5000	2200	6700	1400	650	2600	3.57/A	3100	3100			6200	2550	8200	2050	980	2950	3.02/D
9+12	2570	3430			6000	2200	7800	1800	650	3300	3.33/A	3090	4110			7200	2550	8500	2100	980	3300	3.43/B
12+12	3400	3400			6800	2200	8200	2110	650	3800	3.22/A	3900	3900			7800	2800	9300	2150	980	3500	3.63/A
9+18	2270	4530			6800	2200	10000	2110	650	4500	3.22/A	2670	5330			8000	2800	11000	2210	980	3950	3.62/A
12+18	2720	4080			6800	2200	10000	2110	650	4500	3.22/A	3200	4800			8000	2800	11000	2210	980	3950	3.62/A
18+18	3400	3400			6800	2200	10000	2110	650	4500	3.22/A	4000	4000			8000	2800	11000	2210	980	3950	3.62/A
9+9+9	2270	2270	2270		6800	2200	10000	2110	650	4500	3.22/A	2670	2670	2670		8000	2800	11000	2210	980	3950	3.62/A
9+9+12	2040	2040	2720		6800	2200	10000	2110	650	4500	3.22/A	2400	2400	3200		8000	2800	11000	2210	980	3950	3.62/A
9+12+12	1850	2470	2470		6800	2200	10000	2110	650	4500	3.22/A	2180	2910	2910		8000	2800	11000	2210	980	3950	3.62/A
12+12+12	2270	2270	2270		6800	2200	10000	2110	650	4500	3.22/A	2000	2000	4000		8000	2800	11000	2210	980	3950	3.62/A
9+9+18	1700	1700	3400		6800	2200	10000	2110	650	4500	3.22/A	2670	2670	2670		8000	2800	11000	2210	980	3950	3.62/A
9+12+18	1570	2090	3140		6800	2200	10000	2110	650	4500	3.22/A	1850	2460	3690		8000	2800	11000	2210	980	3950	3.62/A
12+12+18	1940	1940	2910		6800	2200	10000	2110	650	4500	3.22/A	2290	2290	3430		8000	2800	11000	2210	980	3950	3.62/A
9+18+18	1360	2720	2720		6800	2200	10000	2110	650	4500	3.22/A	1600	3200	3200		8000	2800	11000	2210	980	3950	3.62/A
12+18+18	1700	2550	2550		6800	2200	10000	2110	650	4500	3.22/A	2000	3000	3000		8000	2800	11000	2210	980	3950	3.62/A

Based on wall mounted combination

YBZ4-30



Indoor units combinations	COOLING											HEATING										
	Capacity (kW)					Power input (kW)					EER/ Energy label	Capacity (kW)					Power input (kW)					COP/ Energy label
	A	B	C	D	Totale	Min	Max	Nom.	Min	Max		A	B	C	D	Totale	Min	Max	Nom.	Min	Max	
9	2600				2600	2200	4300	750	650	2500	3.47/A	2800				2800	1950	4700	1050	980	2450	2.67/E
12	3500				3500	2200	4400	950	650	2500	3.68/A	3800				3800	2000	4800	1350	980	2500	2.81/D
18	5300				5300	2200	6700	1400	650	2600	3.79/A	5800				5800	2550	8200	1950	980	2950	2.97/D
9+9	2500	2500			5000	2200	6700	1400	650	2600	3.57/A	3100	3100			6200	2550	8200	2050	980	2950	3.02/D
9+12	2570	3430			6000	2200	7800	1800	650	3300	3.33/A	3090	4110			7200	2550	8500	2100	980	3300	3.43/B
12+12	3400	3400			6800	2200	8200	2110	650	3800	3.22/A	3900	3900			7800	2800	9300	2150	980	3500	3.63/A
9+18	2270	4530			6800	2200	10000	2110	650	4500	3.22/A	2670	5330			8000	2800	11000	2210	980	3950	3.62/A
12+18	2720	4080			6800	2200	10000	2110	650	4500	3.22/A	3200	4800			8000	2800	11000	2210	980	3950	3.62/A
18+18	3400	3400			6800	2200	10000	2110	650	4500	3.22/A	4000	4000			8000	2800	11000	2210	980	3950	3.62/A
9+9+9	2270	2270	2270		6800	2200	10000	2110	650	4500	3.22/A	2670	2670	2670		8000	2800	11000	2210	980	3950	3.62/A
9+9+12	2040	2040	2720		6800	2200	10000	2110	650	4500	3.22/A	2400	2400	3200		8000	2800	11000	2210	980	3950	3.62/A
9+12+12	1850	2470	2470		6800	2200	10000	2110	650	4500	3.22/A	2180	2910	2910		8000	2800	11000	2210	980	3950	3.62/A
12+12+12	2270	2270	2270		6800	2200	10000	2110	650	4500	3.22/A	2000	2000	4000		8000	2800	11000	2210	980	3950	3.62/A
9+9+18	1700	1700	3400		6800	2200	10000	2110	650	4500	3.22/A	2670	2670	2670		8000	2800	11000	2210	980	3950	3.62/A
9+12+18	1570	2090	3140		6800	2200	10000	2110	650	4500	3.22/A	1850	2460	3690		8000	2800	11000	2210	980	3950	3.62/A
12+12+18	1940	1940	2910		6800	2200	10000	2110	650	4500	3.22/A	2290	2290	3430		8000	2800	11000	2210	980	3950	3.62/A
9+18+18	1360	2720	2720		6800	2200	10000	2110	650	4500	3.22/A	1600	3200	3200		8000	2800	11000	2210	980	3950	3.62/A
12+18+18	1700	2550	2550		6800	2200	10000	2110	650	4500	3.22/A	2000	3000	3000		8000	2800	11000	2210	980	3950	3.62/A
9+9+9+9	1950	1950	1950	1950	7800	2200	10000	2420	650	4500	3.22/A	2180	2180	2180	2180	8700	2800	11000	2400	980	3950	3.63/A
9+9+9+12	1800	1800	1800	2400	7800	2200	10000	2420	650	4500	3.22/A	2010	2010	2010	2680	8700	2800	11000	2400	980	3950	3.63/A
9+9+12+12	1670	1670	2230	2230	7800	2200	10000	2420	650	4500	3.22/A	1860	1860	2490	2490	8700	2800	11000	2400	980	3950	3.63/A
9+12+12+12	1560	2080	2080	2080	7800	2200	10000	2420	650	4500	3.22/A	1740	2320	2320	2320	8700	2800	11000	2400	980	3950	3.63/A
9+9+9+18	1560	1560	1560	3120	7800	2200	10000	2420	650	4500	3.22/A	1740	1740	1740	3480	8700	2800	11000	2400	980	3950	3.63/A
9+9+12+18	1460	1460	1950	2930	7800	2200	10000	2420	650	4500	3.22/A	1630	1630	2180	3260	8700	2800	11000	2400	980	3950	3.63/A
12+12+12+12	1950	1950	1950	1950	7800	2200	10000	2420	650	4500	3.22/A	2180	2180	2180	2180	8700	2800	11000	2400	980	3950	3.63/A
9+12+12+18	1380	1840	1840	2750	7800	2200	10000	2420	650	4500	3.22/A	1540	2050	2050	3070	8700	2800	11000	2400	980	3950	3.63/A
9+9+18+18	1300	1300	2600	2600	7800	2200	10000	2420	650	4500	3.22/A	1450	1450	2900	2900	8700	2800	11000	2400	980	3950	3.63/A
12+12+12+18	1730	1730	1730	2600	7800	2200	10000	2420	650	4500	3.22/A	1930	1930	1930	2900	8700	2800	11000	2400	980	3950	3.63/A
9+12+18+18	1230	1640	2460	2460	7800	2200	10000	2420	650	4500	3.22/A	1370	1830	2750	2750	8700	2800	11000	2400	980	3950	3.63/A
12+12+18+18	1560	1560	2340	2340	7800	2200	10000	2420	650	4500	3.22/A	1740	1740	2610	2610	8700	2800	11000	2400	980	3950	3.63/A

Based on wall mounted combination