

YBZ

MULTISPLITS

**DC INVERTER**



*Airwell*



# YBZ

## Multisplits - DC Inverter Line

### PRODUCT ADVANTAGES

- Auto mode, cooling, heating, dehumidification
- Sleep mode (from remote control)
- ON/OFF timer, clock display
- Vertical auto swing
- Intelligent deicing
- Auto restart (memory from power failure)
- Turbo (rapid cooling/heating)
- I-Feel functions
- Cold air prevention in heating
- Clean function (blow dry)
- Self diagnostic (error indications) for ease of maintenance
- High efficiency filtration to ensure a best air quality :



Advanced filtering combine mechanical, photo-catalytic + bi-anti bacterial and observe bad gaseous and smokes.

		<b>YBZ214 DUO AWAU-YBZ214-H11</b>	<b>YBZ318 TRIO AWAU-YBZ318-H11</b>	<b>YBZ430 QUATTRO AWAU-YBZ430-H11</b>
<b>Outdoor units</b>	Power supply	220-240V - 50 Hz	220-240V - 50 Hz	220-240V - 50 Hz
	<b>Cooling capacity</b>	kW <b>3.9 (2.0-4.7)</b>	<b>6.8 (2.2-10.0)</b>	<b>7.8 (2.2-10.0)</b>
	Cooling 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	-5°/ 43° Dry bulb	-5°/ 43° Dry bulb
	<b>Heating capacity</b>	kW <b>4.3 (2.5-5.5)</b>	<b>8.0 (2.8-11.0)</b>	<b>8.7 (2.8-11.0)</b>
	Heating power input	kW 1.13	2.21	2.40
	COP/Energy Label	3.80 / A	3.62 / A	3.63 / A
	Operating limits	°C -10°/ 24° Dry bulb	-10°/ 24° Dry bulb	-10°/ 24° Dry bulb
	Compressor type	Rotary	Rotary	Rotary
	Throttling method	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
	Air flow volume of outdoor unit (H/M/L)	2600/2300/1600	3300/2900/2400	3300/2900/2400
	Sound pressure level (H) <sup>(1)</sup>	dB(A) 56	58	59
	Sound power level (H)	dB(A) 66	68	69
	Dimension (W/H/D)	mm 899x596x378	955x700x396	955x700x396
	Dimension of package (L/W/H)	mm 980x420x645	1029x458x750	1029x458x750
	Net weight/Gross weight	kg 43/48	59/64	69/65
	Refrigerant charge	kg R410A / 1.40	R410A / 2.2	R410A / 2.2
	Length of free charge	m 5 + 5	30	40
	Gas additional charge	g/m 20	20	20
Liquid pipe	inches 2 x 1/4"	3 x 1/4"	4 x 1/4"	
Gas pipe	inches 2 x 3/8"	3 x 3/8"	4 x 3/8"	
Maximum vertical height	m 5	10	10	
Maximum pipe length	m 20	70	70	
<b>Part number</b>	<b>7SP091155</b>	<b>7SP091156</b>	<b>7SP091157</b>	
<b>Loading quantity</b>	20'/40'/40 HG container	96/204/272	81/171/171	
<b>Electrical data</b>	Power supply side	Outdoor	Outdoor	Outdoor
	Power cable section	mm <sup>2</sup> 3 x 2.5	3 x 4.0	3 x 4.0
	Fuse rating am	A 25	32	32
	Electrical connections In/Out	mm <sup>2</sup> 4 x 1.0	4 x 1.0	4 x 1.0
<b>Indoor units</b>	<b>Part number</b>	<b>AWSI-HZD009-N11 7SP022862</b>	<b>AWSI-HZD012-N11 7SP022863</b>	<b>AWSI-HZD018-N11 7SP022864</b>
	<b>Cooling capacity</b>	kW <b>2.6</b>	<b>3.5</b>	<b>5.3</b>
	<b>Heating capacity</b>	kW <b>2.8</b>	<b>3.8</b>	<b>5.8</b>
	Fan motor cooling speed (SH/H/M/L)	r/min 1300/1100/900/700	1350/1150/950/750	1300/1100/950/800
	Fan motor heating speed (SH/H/M/L)	r/min 1300/1140/980/820	1350/1190/1020/850	1400/1200/1050/900
	Airflow (SH/H/M/L)	m <sup>3</sup> /h 600/500/350/280	680/560/410/300	800/680/560/460
	Sound pressure level (SH/H/M/L) <sup>(1)</sup>	dB(A) 41/38/30/24	42/39/31/25	45/40/37/32
	Sound power level (SH/H/M/L)	dB(A) 51/48/40/34	52/49/41/35	55/50/47/42
	Dimension (W/H/D)	mm 770x283x201	770x283x201	865x305x215
	Dimension of package (L/W/H)	mm 844x342x261	844x342x261	948x383x310
	Liquid connections diameter	1/4"	1/4"	1/4"
	Gas connections diameter	3/8"	3/8"	1/2"
	<b>Part number</b>	<b>HZD009 7SP022862</b>	<b>7SP022862</b>	<b>7SP022862</b>
	<b>Part number</b>	<b>HZD012 7SP022863</b>	<b>7SP022863</b>	<b>7SP022863</b>
	<b>Part number</b>	<b>HZD018 -</b>	<b>7SP022864</b>	<b>7SP022864</b>
<b>Loading quantity</b>	Net weight/Gross weight	8/11	9/12	12/16
	20'/40'/40 HG container	114/235/270	114/235/270	60/127/145
<b>Indoor unit matching</b>	<b>AWSI-HZD009-N11</b>	Yes	Yes	Yes
	<b>AWSI-HZD009-N11</b>	Yes	Yes	Yes
	<b>AWSI-HZD009-N11</b>	No	Yes	Yes

(1) Sound pressure level measured at 1.0-meter distance from unit.  
Rating conditions in accordance to ISO 5151 and ISO 13253 (for ducted units).  
**Conditions:** Nominal cooling capacity: ID/OD (27/19/35/24)  
Nominal heating capacity : ID/OD (20/15/7/6)

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