



DC Inverter
Cooling & heating

A⁺⁺

HYBRID
HOUSE by Airwell

Airwell



ZDAE Multisplit

► New YDZB designation!



ZDAE Duo/Trio/Quattro



ZDAE Cinco

Compatible
WITH:

> High wall HDLE Aura
22/25/35/50/70



> Console XDLF
25/35/50



+ PRODUCT

- Flexy Match (compatible high wall/console)
- 6 models from 4 to 12 kW and until 5 indoor units
- Electronic expansion valve

FEATURES

TECHNOLOGY



ELECTRONIC
EXPANSION VALVE

INSTALLER FUNCTIONS



SELF DIAGNOSTIC

CERTIFICATION

- AIRWELL participates in the ECP programme for ACI. Check ongoing validity of certificate:
www.eurovent-certification.com



THE + «SUSTAINABLE DEVELOPMENT»

> High energy class A⁺⁺ (cooling mode) / A⁺ (heating mode).

THE + «USER»

> Small footprint with a single outdoor unit.

THE + «INSTALLER»

> The highest reliability on the market.

THE + «TECHNOLOGY»

- > Extended range: even more power combinations.
- > High resistance to “aggressive” environments (corrosion, voltage, high temperatures).

Available according to
country, contact us.

2021		2022	
Old designation	Old part number	New designation	New part number
YDZB Multisplit range		ZDAE Multisplit range	
-	-	ZDAE-2040-09M25	7SP091200
AW-YDZB218-H91	7SP091178	ZDAE-2050-09M25	7SP091201
-	-	ZDAE-3060-09M25	7SP091202
AW-YDZB327-H91	7SP091179	ZDAE-3070-09M25	7SP091203
AW-YDZB430-H91	7SP091180	ZDAE-4080-09M25	7SP091204
AW-YDZB542-H91	7SP091190	ZDAE-5130-09M25	7SP091205

TECHNICAL DATA

OUTDOOR UNIT		ZDAE-2040-09M25	ZDAE-2050-09M25	ZDAE-3060-09M25	ZDAE-3070-09M25	ZDAE-4080-09M25	ZDAE-5130-09M25
Part number		7SP091200	7SP091201	7SP091202	7SP091203	7SP091204	7SP091205
Phase		Single phase	Single phase	Single phase	Single phase	Single phase	Single phase

COOLING

Rated power (min./max.)	kW	4.10 (2.05-5.00)	5.30 (2.14-5.80)	6.10 (2.20-8.30)	7.10 (2.30-9.20)	8.00 (2.30-11.00)	12.00 (2.60-13.00)
Pdesignc	kW	4.10	5.30	6.10	7.10	8.00	12.00
Rated power input	kW	1.10	1.48	1.48	1.88	2.12	3.45
SEER/Energy label		6.30/A++	6.30/A++	6.60/A++	6.80/A++	6.70/A++	6.10/A++
Operating limits	°C	-15°/50° Dry bulb					

HEATING

Rated power (min./max.)	kW	4.40 (2.49-5.40)	5.65 (2.58-6.50)	6.50 (3.60-8.50)	8.60 (3.65-9.20)	9.50 (3.65-10.25)	13.00 (2.60-14.50)
Pdesignh (average climate)	kW	3.60	4.10	6.10	6.10	7.20	11.80
Rated power input	kW	0.97	1.25	1.43	2.23	2.20	3.50
SCOP/Energy label (average climate)		4.00/A+	4.00/A+	3.80/A	3.80/A	3.80/A	4.00/A+
Power at -7°C	kW	3.38	3.96	4.77	5.60	7.19	9.46
Operating limits	°C	-15°/24° Dry bulb					

OUTDOOR UNIT

Sound pressure level at 1 m	dB(A)	50	50	57	57	58	60
Sound level	dB(A)	62	64	68	68	68	70
Airflow	m³/h	2300	2300	3800	3800	3800	5200
Compressor type		Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	745x550x300	745x550x300	889x654x340	889x654x340	889x654x340	1098x1106x440
Package dimensions (WxHxD)	mm	872x620x398	872x620x398	1032x737x456	1032x737x456	1032x737x456	1158x1235x493
Net weight/Gross weight	kg	30/33	32/35	48/52	48/52	51/56	90/98

POWER SUPPLY

Phase/Voltage/Frequency		1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz	1P/230V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3x1.5	3x1.5	3x2.5	3x2.5	3x2.5	3x4
Fuse rating am (D curve)	A	16	16	25	25	25	25
Electrical connections	mm²	4x0.75	4x0.75	4x0.75	4x0.75	4x0.75	4x0.75

PIPE LINE

Suction pipe diameter	inches	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
Max. length	m	40	40	60	60	70	75
Max. length per circuit	m	20	20	20	20	20	25
Max. height between indoor and outdoor unit	Outdoor unit higher than indoor unit	m	15	15	15	15	15
	Outdoor unit lower than indoor unit	m	15	15	15	15	15
Max. height between indoor units	m	15	15	15	15	15	8
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Charge	kg	0.75	0.90	1.60	1.70	1.80	2.75
Totale length charge	m	10	10	30	30	40	40
Additional charge	g/m	20	20	20	20	20	20



High wall HDLE
Aura 22/25/35/50/70

INDOOR UNIT		HDLE-022N-09M25	HDLE-025N-09M25	HDLE-035N-09M25	HDLE-050N-09M25	HDLE-070N-09M25
Part number		7SP023270	7SP023271	7SP023272	7SP023273	7SP023274
Phase		Single phase	Single phase	Single phase	Single phase	Single phase
Cooling rated power	kW	2.20	2.70	3.20	4.60	6.20
Heating rated power	kW	2.40	2.80	3.40	5.20	6.50
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	25/33/36/39	24/34/38/41	24/33/37/41	31/38/42/44	30/37/45/48
Sound level (VL/LS/MS/HS)	dB(A)	37/45/48/55	36/46/50/57	34/45/50/57	41/48/52/54	42/49/57/60
Airflow (VL/LS/MS/HS)	m ³ /h	290/420/470/500	280/400/520/550	280/410/480/590	550/700/800/850	400/600/800/900
Dehumidification	l/h	0.60	1.40	1.40	1.80	1.80
Outline dimensions (WxHxD)	mm	713x270x195	790x275x200	790x275x200	970x300x224	970x300x224
Package dimensions (WxHxD)	mm	776x362x268	866x367x271	866x367x271	1041x383x320	1041x383x320
Net weight/Gross weight	kg	8/9.5	9/11	9/11	13.5/16	13/15.5

PIPE LINE

Suction pipe diameter	inches	3/8"	3/8"	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	1/4"



Console XDLE
25/35/50

INDOOR UNIT		XDLF-025N-09M25	XDLF-035N-09M25	XDLF-050N-09M25
Part number		7SP071440	7SP071441	7SP071442
Phase		Single phase	Single phase	Single phase
Cooling rated power	kW	2.70	3.50	5.20
Heating rated power	kW	2.90	3.80	5.33
Sound pressure level at 1 m (VL/LS/MS/HS)	dB(A)	23/26/33/39	25/29/38/44	32/37/43/47
Sound level (VL/LS/MS/HS)	dB(A)	34/38/45/50	35/39/48/54	42/47/53/57
Airflow (VL/LS/MS/HS)	m ³ /h	250/280/410/500	280/360/480/600	320/410/580/700
Dehumidification	l/h	0.80	1.20	1.80
Outline dimensions (WxHxD)	mm	700x600x215	700x600x215	700x600x215
Package dimensions (WxHxD)	mm	788x685x295	788x685x295	788x685x295
Net weight/Gross weight	kg	15.5/18.5	15.5/18.5	15.5/18.5

PIPE LINE

Suction pipe diameter	inches	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"

Compatible
WITH:

- > High wall HDLE Aura 22/25/35
- > Console XDLF 25/35



ZDAE-2040 MULTISPLIT DUO

Indoor unit combination	COOLING MODE										HEATING MODE									
	Rated power (kW)		Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)		Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.		
22+22	2.05	2.05	2.05	4.10	5.00	0.40	1.10	2.25	3.73	6.30/A++	2.20	2.20	2.50	4.40	5.40	0.60	0.97	2.25	4.54	4.00/A+
22+25	1.79	2.31	2.05	4.10	5.00	0.40	1.10	2.25	3.73	6.30/A++	1.93	2.48	2.50	4.40	5.40	0.60	0.97	2.25	4.54	4.00/A+
22+35	1.51	2.59	2.05	4.10	5.00	0.40	1.10	2.25	3.73	6.30/A++	1.62	2.78	2.50	4.40	5.40	0.60	0.97	2.25	4.54	4.00/A+
25+25	2.05	2.05	2.05	4.10	5.00	0.40	1.10	2.25	3.73	6.30/A++	2.20	2.20	2.50	4.40	5.40	0.60	0.97	2.25	4.54	4.00/A+
25+35	1.76	2.34	2.05	4.10	5.00	0.40	1.10	2.25	3.73	6.30/A++	1.89	2.51	2.50	4.40	5.40	0.60	0.97	2.25	4.54	4.00/A+

Based on wall mounted combination

ZDAE-2050 MULTISPLIT DUO

Indoor unit combination	COOLING MODE										HEATING MODE									
	Rated power (kW)		Total power (kW)			Total input power (kW)			EER	SEER/ Energy label	Rated power (kW)		Total power (kW)			Total input power (kW)			COP	SCOP/ Energy label
	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.			Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.		
22+22	2.10	2.10	2.15	4.20	4.80	0.40	1.40	2.00	3.00	6.30/A++	2.60	2.60	2.05	5.20	5.62	0.50	1.00	2.20	5.20	4.00/A+
22+25	2.10	2.60	2.15	4.70	5.20	0.40	1.44	2.00	3.26	6.30/A++	2.60	2.80	2.05	5.40	5.83	0.60	1.10	2.20	4.91	4.00/A+
22+35	2.10	3.10	2.15	5.20	5.80	0.40	1.48	2.50	3.51	6.30/A++	1.99	3.41	2.50	5.40	5.90	0.70	1.25	2.50	4.32	4.00/A+
25+25	2.60	2.60	2.15	5.20	5.80	0.40	1.48	2.50	3.58	6.30/A++	2.70	2.70	2.50	5.40	5.90	0.70	1.25	2.50	4.32	4.00/A+
25+35	2.23	2.97	2.15	5.20	5.80	0.50	1.48	2.50	3.51	6.30/A++	2.31	3.09	2.50	5.40	5.90	0.70	1.25	2.50	4.32	4.00/A+
35+35	2.60	2.60	2.15	5.20	5.80	0.50	1.48	2.50	3.51	6.30/A++	2.70	2.70	2.50	5.40	5.90	0.70	1.25	2.50	4.32	4.00/A+

Based on wall mounted combination

