

+ PRODUCT

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

Connectivity



Technology



ELECTRONIC
EXPANSION VALVE



BLUE FIN
TREATMENT



AUTO-DIAGNOSTIC

Installer functions

CERTIFICATION

- AIRWELL participates in the ECP programme for AC1. Check ongoing validity of certificate:

www.eurovent-certification.com



- Models marked * are not Eurovent certified

ZDAE Multisplit



COOLING
A++



HEATING
A+



FLUID
R32



ZDAE Duo/Trio/Quattro/ Cinco

COMPATIBLE WITH:

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



Console XDLE
25/35/50



+ “SUSTAINABLE DEVELOPMENT”

- High energy label A++ (cooling mode) / A+ (heating mode).

+ “USER”

- Small footprint with a single outdoor unit.

+ “INSTALLER”

- The best reliability on the market.

+ “TECHNOLOGY”

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

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	7SP091206
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 / EER	kW	1.10/3.72	1.48/3.58	1.48/4.12	1.88/3.78	2.12/3.77	3.45/3.47
SEER/Energy label		6.3/A++	6.3/A++	6.6/A++	6.8/A++	6.7/A++	6.1/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 / COP	kW	0.97/4.54	1.25/4.52	1.41/4.55	2.23/3.85	2.20/4.31	3.50/3.71
SCOP/Energy label (average climate)		4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+	4.0/A+
Power at -7°C	kW	3.21	4.69	5.33	6.36	6.65	9.10
Power at -10°C	kW	2.99	4.35	5.14	6.19	6.27	8.58
Power at -15°C	kW	2.68	3.84	4.75	5.76	5.80	7.93
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	943x826x369
Package dimensions (WxHxD)	mm	872x620x398	872x620x398	1032x737x456	1032x737x456	1032x737x456	1093x885x497
Net weight/Gross weight	kg	30/33	32/35	48/52	48/52	51/56	73/80

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	3G1.5	3G1.5	3G2.5	3G2.5	3G4	3G4
Fuse rating am	A	16	16	25	25	25	25
Electrical connections in/out	mm²	2 x (4G1.5)	2 x (4G1.5)	3x (4G1.5)	3x (4G1.5)	4 x (4G1.5)	5 x (4G1.5)

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 par 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