

+ PRODUCT

- RC18 remote control included (see p.146)
- Compact design
- 360° airflow
- Compatible with YDZC and ZDAA multisplits

Connectivity



With LCAC Wi-Fi module in optional

Technology



FLEXY MATCH



ELECTRONIC EXPANSION VALVE



MULTIFLOW 360°



GOLDEN FIN TREATMENT

Air quality



ANTIBACTERIAL FILTER



FRESH AIR SUPPLY

User functions



I FEEL



NIGHT MODE



TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK



TEMPERATURE LOCK



MODE LOCK

Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC



BUILT-IN CONDENSATE PUMP



ALARM OUTPUT



DRY CONTACT ON/OFF



HEATING MODE ONLY

CERTIFICATION

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

www.eurovent-certification.com



- Models marked * are not Eurovent certified

CDMX

360° cassette



COOLING
A++



HEATING
A+



FLUID
R32

RC18
included



CDMX 022N-025N-035N-050N



CDMX 070N-100N-140N

+ “SUSTAINABLE DEVELOPMENT”

- Energy label A++ in cooling mode and A+ in heating mode guaranteeing energy savings.

+ “USER”

- Design with a front panel that fits perfectly into false ceiling.
- 360° air distribution in the room for a uniform temperature.

+ “INSTALLER”

- Compact size ideal for low ceiling installations.
- Parameter display on the indoor unit for quick reading.
- Unit with pre-drilled holes for fresh air supply or blowing into a small room.
- Maximum piping length up to 75 m adapted to complex and remote installation.

+ “TECHNOLOGY”

- On/Off contact included associated with a “room card” or other solution (not supplied) for better control and for energy savings.
- Alarm contact (synthesis fault) included.
- Room sensor built into the remote control for better comfort (“I Feel” mode by pressing the Turbo button on the remote control for 7 s).
- Condensate pump included for automatic discharge.
- Electronic expansion valve for better operating precision.
- Golden Fin treatment on the heat exchangers (external and internal) for protection against corrosion and durability over time.
- Wide operating range of -15° to 50°C in cooling mode and -15° to 24°C in heating mode.

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote control RCW11 (see p.150)	7ACEL1774		Weekly timer, mode, fan speed, On/Off timer, “I Feel” function, temperature.
Wired remote control RCW26 (see p.152) Order of the 7ACEL1776 interface required by indoor unit.	7ACEL1876		Controls until 16 indoor units.
LCAC Wi-Fi accessory	7ACEL1883		Accessory for remote control via Wi-Fi. (compatible with CDMX-022N,025N,035N and 050N).
	7ACEL1900		Accessory for remote control via Wi-Fi. (compatible with CDMX-070N-100N-140N).

TECHNICAL DATA

MULTISPLIT
CONFIGURATION ONLY

INDOOR UNIT		CDMX-022N-09M25	CDMX-025N-09M25	CDMX-035N-09M25	CDMX-050N-09M25	CDMX-070N-09M25	CDMX-100N-09M25	CDMX-100N-09M25	CDMX-140N-09M25*
Part number		7SP042289	7SP042290	7SP042291	7SP042292	7SP042293	7SP042294	7SP042294	7SP042295
Phase		Single-phase	Single-phase	Single-phase	Single-phase	Single-phase	Single-phase	Three-phase	Three-phase

COOLING

Rated power (min./max.)	kW	2.05 (0.63~2.61)	2.60 (0.8~3.3)	3.52 (0.85~4.11)	5.28 (2.90~5.59)	7.03 (3.30~7.91)	10.55 (2.70~11.43)	10.55 (2.70~11.43)	14.07 (3.52~15.83)
Pdesignc	kW			3.50	5.30	7.00	10.50	10.50	14.00
Rated power input / EER	kW			1.04/3.35	1.63/3.24	2.43/2.88	3.95/2.65	3.96/2.65	4.65/3.02
SEER/Energy label				6.6/A++	6.3/A++	6.2/A++	6.7/A++	6.3/A++	6.1/A++
Operating limits	°C					-15~50°C Dry bulb			

HEATING

Rated power (min./max.)	kW	2.35 (0.69~3.0)	2.90 (0.85~3.7)	4.10 (0.47~4.31)	5.57 (2.37~6.10)	7.40 (2.81~8.94)	11.14 (2.78~12.30)	11.14 (2.78~12.66)	16.12 (4.10~17.29)
Pdesignh (average climate)	kW			2.70	4.20	6.00	8.50	8.00	11.00
Pdesignh (warmer climate)	kW			3.30	5.40	6.30	10.10	10.10	12.00
Rated power input / COP	kW			1.10/3.73	1.58/3.48	1.80/4.10	2.96/3.72	2.96/3.72	4.58/3.52
SCOP/Energy label (average climate)				4.1/A+	4.0/A+	4.0/A+	4.0/A+	3.9/A	4.0/A+
SCOP/Energy label (warmer climate)				5.1/A+++	4.8/A++	5.1/A+++	5.1/A+++	5.1/A+++	5.0/A++
Operating limits	°C					-15~24°C Dry bulb			
Power at -7°C	kW			2.95	4.10	5.97	9.13	8.91	12.50
Power at -10°C	kW			2.82	3.91	5.70	8.71	8.50	11.93
Power at -15°C	kW			2.64	3.67	5.34	8.16	7.96	11.17

INDOOR UNIT

Sound pressure level at 1 m (LS/MS/HS)	dB(A)	29/33/38	31/34/39	34/37/42	39/44/45	42/47/50	46/48/51	46/48/51	48/50/52
Sound level	dB(A)	53	54	57	59	59	64	64	66
Airflow (LS/MS/HS)	m³/h	400/460/500	400/460/500	420/510/590	479/584/680	992/1118/1247	1300/1530/1700	1300/1530/1700	1600/1750/1900
Dehumidification	l/h	0.7	1.20	1.50	2.00	3.00	3.80	3.80	5.50
Outline dimensions (WxHxD)	mm	570x260x570	570x260x570	570x260x570	570x260x570	830x205x830	830x245x830	830x245x830	830x287x830
Package dimensions (WxHxD)	mm	662x317x662	662x317x662	662x317x662	662x317x662	910x250x910	910x290x910	910x290x910	910x330x910
Net weight/Gross weight	kg	14.5/17.3	14.5/18.8	16.3/20.4	16/22.1	21.6/25.4	27.2/31.2	27.2/31.2	29.3/33.5

PANEL

Panel dimensions (LxHxP)	mm	647x50x647	647x50x647	647x50x647	647x50x647	950x55x950	950x55x950	950x55x950	950x55x950
Package dimensions (WxHxD)	mm	715x123x715	715x123x715	715x123x715	715x123x715	1035x90x1035	1035x90x1035	1035x90x1035	1035x90x1035
Net weight/Gross weight	kg	2.5/4.5	2.5/4.5	2.5/4.5	2.5/4.5	6/9	6/9	6/9	6/9
Panel part number		7ACVF0566	7ACVF0566	7ACVF0566	7ACVF0566	7ACVF0600	7ACVF0600	7ACVF0600	7ACVF0600

OUTDOOR UNIT		-	-	YDAX-035H-09M25	YDAX-050H-09M25	YDAX-070H-09M25	YDAX-100H-09M25	YDAX-100H-09T35	YDAX-140H-09T35
Part number		-	-	7SP063170	7SP063171	7SP063172	7SP063173	7SP063174	7SP063175
Sound pressure level at 1 m	dB(A)			51	54	58	59	59	63
Sound level	dB(A)			62	65	69	70	70	74
Airflow	m³/h			2200	2100	3500	4000	4000	7500
Compressor type				Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm			765x555x303	805x554x330	890x673x342	946x810x410	946x810x410	952x1333x415
Package dimensions (WxHxD)	mm			887x610x337	915x615x370	995x740x398	1090x885x500	1090x885x500	1095x1480x495
Net weight/Gross weight	kg			26.6/29	32.5/35.3	43.9/46.7	66.9/72.1	75.5/85.6	103.7/118.3

POWER SUPPLY

Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	3P/380-415V/50Hz	3P/380-415V/50Hz
Power supply side				Outdoor	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²			3G1.5	3G1.5	3G2.5	3G4.0	5G2.5	5G2.5
Fuse rating am	A			16	16	20	25	16	16
Electrical connections in/out	mm²	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5

PIPE LINE

Suction pipe diameter	inches	3/8"	3/8"	3/8"	1/2"	5/8"	5/8"	5/8"	5/8"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"	3/8"	3/8"	3/8"	3/8"
Max. length	m			25	30	50	75	75	75
Max. height	m			10	20	25	30	30	30
Refrigerant/GWP				R32/675	R32/675	R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg			0.72	1.15	1.50	2.40	2.40	2.90
Additional charge	g/m			12	12	24	24	24	24

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT			
CASSETTE	MONOSPLIT	MULTISPLIT		
 CDMX 022N & 025N		 ZDAA	 YDZC	
 CDMX 035N-050N-070N	 YDAX	 ZDAA	 YDZC	

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT	
CASSETTE	MONOSPLIT	
 CDMX 100N	 YDAX	
 CDMX 140N	 YDAX	