

+ PRODUCT

- RC18 remote control included
- New design
- Air quality (ionizer + filters)
- Multisplit compatible

Connectivity



With LCAC Wi-Fi module in optional

Technology



FLEXY MATCH



ELECTRONIC EXPANSION VALVE



MULTIFLOW 360°



GOLDEN FIN TREATMENT



OPTIPOWER

Air quality



IONIZER



ANTIBACTERIAL FILTER



FRESH AIR SUPPLY



HEPA 13 FILTER

User functions



I FEEL



QUIET MODE



REFRIGERANT LEAKAGE DETECTOR



PROGRAMMABLE TIMER



WEEKLY TIMER



TIMER



AUTO RESTART (MEMORY)



REMOTE CONTROL LOCK



Wi-Fi



TEMPERATURE LOCK



MODE LOCK

Installer functions



ERROR CODE VIA INDOOR UNIT



AUTO-DIAGNOSTIC



BUILT-IN CONDENSATE PUMP



ALARM OUTPUT



DRY CONTACT ON/OFF



BMS COMPATIBLE



TECHNICIAN TEST MODE



HEATING MODE ONLY

CERTIFICATION

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



NEW

CDMD

360° cassette



RC18 included



+ "SUSTAINABLE DEVELOPMENT"

- Energy label A++ in cooling mode and A+ in heating mode.
- HEPA 13 filter: 5 layers of filtration, eliminates formaldehyde, allergies, dust, smoke, bacteria and mist.

+ "USER"

- HEPA filter, built-in ioniser and humidity sensor for better air quality.
- 360° diffusion.
- New design blends in perfectly with your suspended ceilings.
- Temperature and operating mode controls to reduce your office's energy consumption.
- New thermostat with built-in WiFi.

+ "INSTALLER"

- Even more compact, just 245 mm high. Perfect for small suspended ceilings.
- Integrated condensate pump (1000 mm).
- Possibility of fresh air supply and blowing into a small room.

+ "TECHNOLOGY"

- On/Off contact.
- Alarm output.
- Electronic expansion valve.
- Golden Fin treatment.
- OptiPower allows you to reduce consumption by 25% or 50%.

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote control RCW32	7ACEL1925		• WiFi integrated, weekly timer, "I Feel" function, custom modes, fan speed, On/Off timer.
Wired remote control RCW26	7ACEL1876		• Controls until 16 indoor units.
LCAC Wi-Fi accessory	7ACEL1915		• Accessory for remote control via Wi-Fi. (compatible with CDMD-022N,025N,035N and 050N).

TECHNICAL DATA

MULTISPLIT
CONFIGURATION ONLY

INDOOR UNIT		CONFIGURATION ONLY			
Part number		CDMD-022N-09M25	CDMD-025N-09M25	CDMD-035N-09M25	CDMD-050N-09M25
Phase		Single-phase	Single-phase	Single-phase	Single-phase
COOLING					
Rated power (min./max.)	kW	2.21	2.64 (0.36~3.40)	3.52 (0.85~4.16)	5.28 (2.90~5.59)
Pdesign _{nc}	kW		2.6	3.5	5.3
Rated power input (min./max.) / EER	kW		0.81 (0.14~1.24) / 3.26	1.02 (0.16~1.45) / 3.46	1.55 (0.72~2.04) / 3.57
SEER/Energy label			6.3/A++	6.8/A++	6.5/A++
Operating limits	°C		-15°~50°C Dry bulb		
HEATING					
Rated power (min./max.)	kW	2.2	2.93 (0.45~3.61)	3.81 (0.47~4.34)	5.57 (2.37~6.10)
Pdesign _{nh} (average climate)	kW		2.0	2.7	4.2
Pdesign _{nh} (warmer climate)	kW		2.8	3.3	5.3
Rated power input (min./max.) / COP	kW		0.95 (0.12~1.29) / 3.08	1.02 (0.13~1.39) / 3.74	1.56 (0.70~1.95) / 3.57
SCOP/Energy label (average climate)			4.1/A+	4.1/A+	4.1/A+
SCOP/Energy label (warmer climate)			5.1/A+++	5.1/A+++	5.1/A+++
Operating limits	°C		-20~24	-15°~24°C Dry bulb	
Power at -7°C	kW		2.38	2.74	4.82
Power at -10°C	kW		2.27	2.93	4.60
Power at -15°C	kW		2.13	3.07	4.31
INDOOR UNIT					
Sound pressure level at 1 m (LS/MS/HS)	dB(A)	39/37/35	37/35.5/33/26	42/38.5/31.5/25.5	44/41/31.5/25
Sound level	dB(A)	55	52	55	59
Airflow (LS/MS/HS)	m³/h	400/460/500	400/460/500	330/520/620	300/540/660
Outline dimensions (WxHxD)	mm	570x245x570	570x245x570	570x245x570	570x245x570
Package dimensions (WxHxD)	mm	715x295x640	715x295x640	715x295x640	715x295x640
Net weight/Gross weight	kg	14.6/17.5	14.6/17.5	16.1/18.8	16.2/19
PANEL					
Panel dimensions (LxHxP)	mm	620x50x620	620x50x620	620x50x620	620x50x620
Package dimensions (WxHxD)	mm	715x115x700	715x115x700	715x115x700	715x115x700
Net weight/Gross weight	kg	2.7/4.3	2.7/4.3	2.7/4.3	2.7/4.3
Panel part number		7ACVF0608			

OUTDOOR UNIT			YDAX-025H-09M25	YDAX-035H-09M25	YDAX-050H-09M25
Part number			7SP063240	7SP063170	7SP063171
Sound pressure level at 1 m	dB(A)		53	51	54
Sound level	dB(A)		63	62	65
Airflow	m³/h		2200	2200	2100
Compressor type			Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm		765x555x303	765x555x303	805x554x330
Package dimensions (WxHxD)	mm		887x610x337	887x610x337	915x615x370
Net weight/Gross weight	kg		24.6/27	26.6/29.4	32.5/35.3
POWER SUPPLY					
Phase/Voltage/Frequency		1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz	1P/220-240V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²		3G1.5	3G1.5	3G1.5
Fuse rating am	A		16	16	16
Electrical connections in/out	mm²		4G1.5	4G1.5	4G1.5
PIPE LINE					
Suction pipe diameter	inches	3/8"	3/8"	3/8"	1/2"
Liquid pipe diameter	inches	1/4"	1/4"	1/4"	1/4"
Max. length	m		25	25	30
Max. height	m		10	10	20
Refrigerant/GWP			R32/675	R32/675	R32/675
Charge (5 m)	kg		0.65	0.72	1.15
Additional charge	g/m		12	12	12

MATCHING

INDOOR UNIT	COMPATIBLE WITH OUTDOOR UNIT			
CASSETTE	MONOSPLIT	MULTISPLIT		
 CDMD 022N		 ZDAA	 YDZC	
 CDMD 025N~050N	 YDAX	 ZDAA	 YDZC	