

+ PRODUCT

- HDLS IR remote control included
- Heating performance down to -20°C
- Anti-cold air
- Louver position memory
- 7 fan speeds

Technology



Air quality



User functions



Installer functions



CERTIFICATION

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



NEW

HDLS
High wall



Remote control included

+ “SUSTAINABLE DEVELOPMENT”

- Energy class A++ (cooling) and A+ (heating, average climate) for maximum efficiency.
- R32 refrigerant: environmentally friendly with low carbon impact.
- ECO mode: automatically reduces energy consumption.
- GEN mode: optimizes performance and limits energy usage.
- Wide voltage start-up (165–265 V): ensures stability even with electrical fluctuations.

+ “USER”

- 7 fan speeds for personalized comfort.
- Silence mode: ultra-quiet operation for total comfort.
- Night mode: regulated temperature for peaceful sleep.
- 8°C heating mode: prevents room freezing in winter.
- Louver position memory: retains your preferences after restart.
- On/Off display and backlit remote control: easy to use.
- Auto-restart, self-diagnosis, and leak detection for optimal reliability.
- Intelligent cleaning and washable filters for clean, healthy air.

+ “INSTALLER”

- Dual drainage: flexible installation on left or right side.
- Emergency button: manual start during installation or testing.
- BMS compatibility: easy integration with central management systems.
- Anti-corrosion protection: increased durability in demanding environments.
- Intelligent defrost: reduces maintenance time and extends unit lifespan.
- Intuitive design: faster installation and simplified maintenance.

+ “TECHNOLOGY”

- Advanced inverter technology for precise, energy-efficient comfort.
- Auto mode: automatic selection of the optimal mode based on room temperature.
- “I Feel” function: sensor built into the remote for personalized comfort.
- Smart Airflow: automatic airflow direction based on heating/cooling mode.
- Turbo mode: ultra-fast cooling or heating.
- Cooling from -15°C to 53°C: guaranteed performance in all conditions.
- Intelligent defrost: reliable operation even at low temperature.

OPTIONS

ACCESSORY	PART NUMBER	PICTURE	FUNCTION
Wired remote controller RCW34	7ACEL1939		Weekly timer, mode, fan speed, on/off timer, “I Feel” function, temperature control.

TECHNICAL DATA

INDOOR UNIT - WHITE		HDLS-025N-09M25	HDLS-035N-09M25	HDLS-050N-09M25	HDLS-070N-09M25
Part number		7SP024100	7SP024101	7SP024102	7SP024103
INDOOR UNIT - BLACK		HDLS-025N-09M25-BK	HDLS-035N-09M25-BK	HDLS-050N-09M25-BK	HDLS-070N-09M25-BK
Part number		7SP024140	7SP024141	7SP024142	7SP024143
Phase		Single-phase	Single-phase	Single-phase	Single-phase

COOLING

Rated power (min./max.)	kW	2.50 (0.94/3.30)	3.52 (1.00/4.10)	5.05 (1.25/5.30)	6.95 (1.50/7.35)
Pdesignc	kW	2.5	3.5	5.0	6.9
Rated power input	kW	0.769	1.080	1.563	2.151
SEER/Energy label		6.1 / A++	6.1 / A++	6.5 / A++	6.5 / A++
Operating limits	°C	(-15) at 53	(-15) at 53	(-15) at 53	(-15) at 53

HEATING

Rated power (min./max.)	kW	2.75 (0.94/3.50)	3.76 (1.00/4.20)	5.11 (1.25/6.07)	6.95 (1.50/7.80)
Pdesignh (average climate)	kW	2.4	2.5	4.1	5.2
Pdesignh (warmer climate)	kW	2.4	3.1	5.0	6.0
Rated power input	kW	0.733	1.006	1.375	1.873
SCOP/Energy label (average climate)		4 / A+	4 / A+	4 / A+	4 / A+
SCOP/Energy label (warmer climate)		5.1 / A+++	5.1 / A+++	5.1 / A+++	5.1 / A+++
Operating limits	°C	(-20) at 30	(-20) at 30	(-20) at 30	(-20) at 30

INDOOR UNIT

Sound pressure level at 1 m (LS/MS/HS)	dB(A)	26/32/38	27/33/39	31/37/43	35/42/48
Sound level	dB(A)	54	55	59	65
Airflow (LS/MS/HS)	m³/h	390/460/530	390/480/580	540/630/760	750/860/1050
Dehumidification	L/h	1	1.5	1.8	2.3
Outline dimensions (WxHxD)	mm	778x272x192	811x305x195	910x305x195	1005x321.5x220
Package dimensions (WxHxD)	mm	840x335x255	880x378x265	979x380x265	1096x390x297
Net weight/Gross weight	kg	7.3/9.5	8.3/11	9/11	12/14

OUTDOOR UNIT		YDAS-025R-09M25	YDAS-035R-09M25	YDAS-050R-09M25	YDAS-070R-09M25
Part number		7SP063295	7SP063296	7SP063297	7SP063298
Sound pressure level at 1 m	dB(A)	54	55	55	57
Sound level	dB(A)	64	64	65	69
Airflow	m³/h	1700	2000	2600	3000
Compressor type	L/h	Rotary	Rotary	Rotary	Rotary
Outline dimensions (WxHxD)	mm	664x459x235	732x551x257	780x602x292	856x699x330
Package dimensions (WxHxD)	mm	765x481x310	732x551x257	890x628x385	949x732x392
Net weight/Gross weight	kg	20/22	22.5/25	30/32.5	37.5/40.5

POWER SUPPLY

Phase/Voltage/Frequency		1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz	1/220-240V/50Hz
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor
Power cable section	mm²	3G1.5	3G1.5	3G1.5	3G2.5
Fuse rating am (courbe D)	A	16	16	16	20
Shielded electrical connections	mm²	4G1	4G1	4G1	4G1

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	25	25
Max. height	m	10	10	10	10
Refrigerant/GWP		R32/675	R32/675	R32/675	R32/675
Charge (5 m)	kg	0.52	0.57	0.78	1.00
Additional charge	g/m	15	15	25	25

MATCHING
