

HYBRID+

AIR CONDITIONER

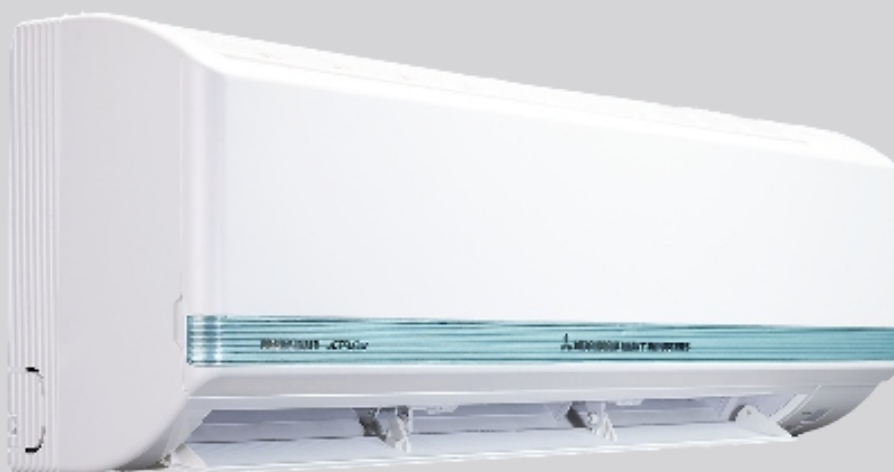
DESERTXTREMEKOOLING



COOLING TODAY, BETTER TOMORROW

DXK20CAPDA-W

ECO SMART • HYBRID HEAVY DUTY • R32



HA High Ambient

Designed for operation in ambient conditions up to 55°C.

3D Surround Cooling

Vertical + horizontal airflow control with 3D AUTO.

Long Reach

Long reach airflow up to 17 meters.

PM2.5 Clean Air

PM2.5 Nano Filter + anti-viral coated pre-filter.

JET Powerful Cooling

Hi-Power Jet mode for rapid cooling.

BLUE Blue Fin

Anti-corrosive blue fins, coils and bends.

AT A GLANCE

2 STAR

3.9 ISEER

5400 W

1400

50dB
Indoor Sound • Hi-P

Core Specifications

DXK20CAPDA-W • 1.60Ton • CoolingOnly

Specification	DXK20CAPDA-W
Model Type	ECO SMART – Hybrid Heavy Duty AC (R32)
Capacity	1.60 Ton
BEE Star Rating – 2026	2 Star
Compressor Type	Rotary
Ambient Operating Range	55°C
Maximum Cooling Capacity Compressor	19,370 BTU/hr
Rated Cooling Capacity (100% Load)	18,425 BTU/hr
Rated Cooling Capacity (50% Load)	Not applicable for Fixed Speed AC
Maximum Cooling Capacity Compressor	5,677 W
Rated Cooling Capacity (100% Load)	5,400 W
Rated Cooling Capacity (50% Load)	Not applicable for Fixed Speed AC
Rated Power Consumption (100% Full Load)	1,384 W
Rated Power Consumption (50% Half Load)	Not applicable for Fixed Speed AC
Rated EER (100% Load)	3.9 W/W
Rated EER (50% Load)	Not applicable for Fixed Speed AC
ISEER	3.9
Current	6.3 A

AIRFLOW & ACOUSTIC

Parameter	DXK20CAPDA-W
Indoor Air Flow	1,400 CMH
Long Reach Airflow	Up to 17 m
Sound Level (HI-P / H / M / L)	50 / 46 / 43 / 40 dB
Louver Swing	3D + 3D AUTO
Special Filter	Anti-Viral Coated Pre Filter + PM2.5 Filter
Blower Fan	Anti-Micro Biol Fan

AIRFLOW TECHNOLOGY



JET FLOW

LONGREACH•UNIFORM COOLING

3D

3D AUTO

Two-motor vertical + horizontal control helps distribute cooled air across the room.

AIR

CLEAN AIR

Anti-viral coated pre-filter and PM2.5 Nano Filter support cleaner circulated air.

55°

HIGH CAPACITY

High-capacity heavy-duty design for strong cooling performance in high ambient conditions.

Technical Specifications

DXK20CAPDA-W • IndoorUnit+OutdoorUnit

DIMENSIONS & AIRFLOW

Parameter	Indoor Unit	Outdoor Unit
Dimensions (H × W × D)	330 × 1100 × 250 mm	594 × 810 × 301 mm
Gross Weight	16.5 kg	40.5 kg
Cooling Coil Row	2 rows	—
Air Flow	1,400 CMH	—
Long Reach Airflow	Up to 17 m	—
Self Diagnosis Function	Yes	—

TECHNICAL DETAILS

Parameter	DXK20CAPDA-W
Indoor Unit Model	DXK20CAPDA-W
Outdoor Unit Model	DXC20CAPDA-W
Refrigerant	R32
Liquid Line	6.35 mm (1/4")
Gas Line	12.7 mm (1/2")
Refrigerant Piping Thickness	18 Gauge (1 mm)
Main Power Supply to Outdoor Unit	2.5 mm ² × 3 cores + Earthing Cable
Connecting Wiring B/W IOU & ODU	2.5 mm ² × 4 cores + Earthing Cable
Power Source	1 Phase, 220 / 230 V, 50 Hz
Special Filter	Anti-Viral Coated Pre Filter + PM2.5 Filter Anti-
Blower Fan	Micro Biol Fan
Fan Motor / Airflow Mode	Hi Power (Jet) – Powerful / High / Medium / Low
Louver Swing	3D + 3D AUTO
Area Coverage***	17 – 23 sq. m

INSTALLATION LIMITS

REFRIGERANT PIPE LENGTH

15 m

HEIGHT DIFFERENCE

5 m

Catalog diagram for DXK20 / DXK25

Anti-corrosive Blue Fins • Coils + Bends

Protective coating is specified for the coils and bends.



DXK20CAPDA-W

1.60TON • 2STAR • 55°C

R32 • ROTARY • 3D AUTO