



**MITSUBISHI
HEAVY INDUSTRIES**

AIR CONDITIONERS

HEAVY DUTY



**JET
FLOW
TECHNOLOGY**

*for Powerful, Quick Cooling,
Bigger Area Coverage*

D_{XK}



JETTA

**YOUR MIGHTY
JET-POWERED
HOME PROTECTOR**

**HYBRID⁺
AIRCONDITIONER**

**HYPER
INVERTER**

MOVE THE WORLD FORWARD

**DESERT XTREME COOLING
SERIES**



Established Since - 1884

At Mitsubishi Heavy Industries Group, we bring people, businesses and ideas as one, to pave the way to a future of shared success. Utilizing our proven, forward-thinking approach and deep industry knowledge, we offer world-class innovative and integrated solutions across a wide range of industries and technologies, from planning to execution. Passionately seeking new, simpler and sustainable ways, we work with our clients and partners around the globe to create a better future for everyone who shares our planet.

Harmonizing People and technology on a global scale

As a global manufacturer, the fields in which Mitsubishi Heavy Industries work, knows no limits, offering more than 700 products that fall in all sectors and meet different needs and lifestyles, with the aim of reconciling public needs and technological innovation. With its eyes on the future, MHI will continue to traverse uncharted lands.

**TECHNOLOGY
NEXT**

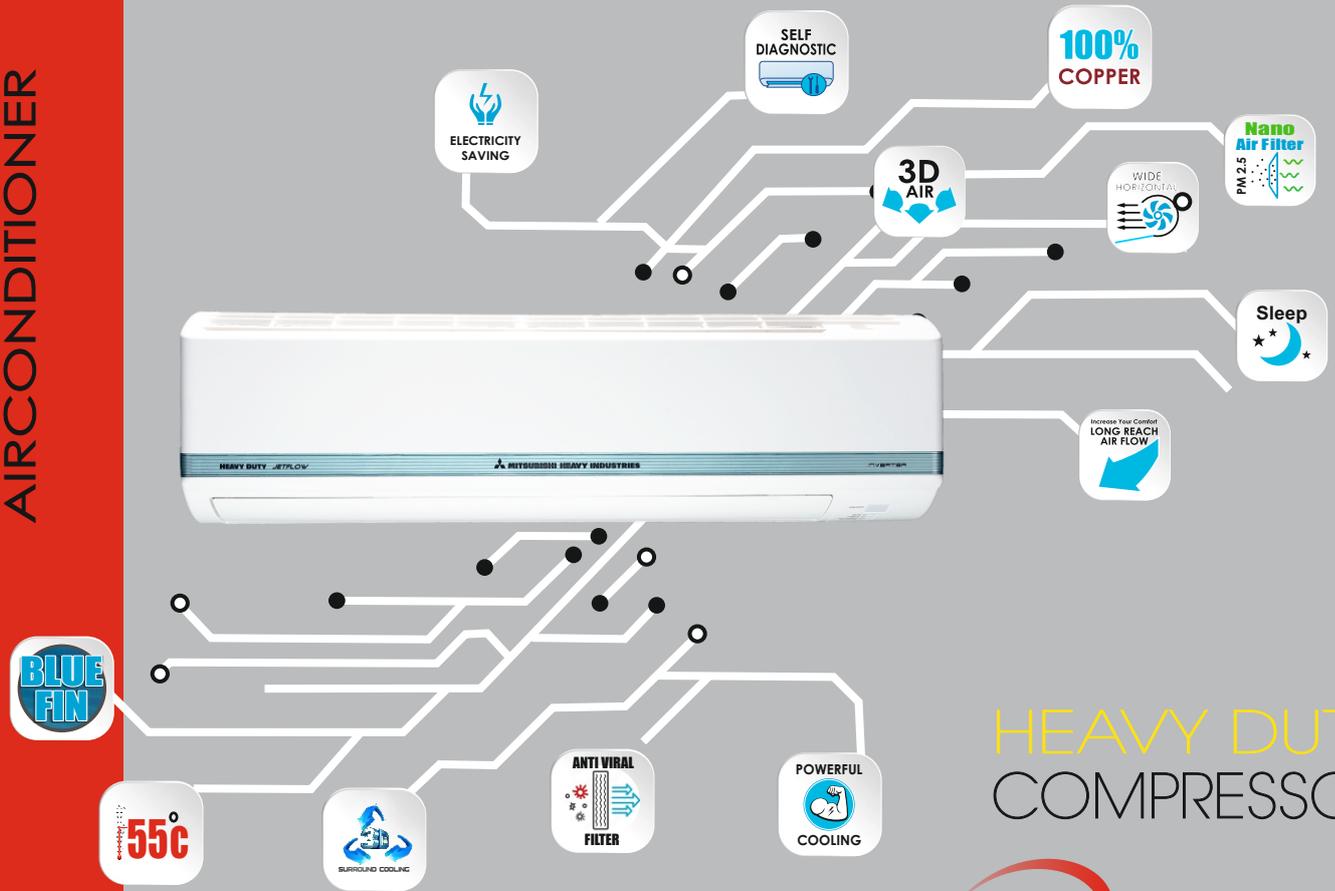
MOVE THE WORLD FORWARD

DESERT XTREME KOOLING SERIES



HYBRID+ AIRCONDITIONER

HYBRID AC gives 1.5 times bigger area coverage compared to Conventional AC & still gives electricity saving



HEAVY DUTY COMPRESSOR



HIGH CAPACITY MACHINES



We have designed the machines using higher capacity compressor + Bigger condenser Unit for maximum heat rejection for better cooling & higher energy efficiency, there by we claim for Maximum Cooling Capacities.

AREA COVERAGE TABLE

MODEL NO.	CAPACITY	AREA COVERAGE
DXK15CAPDA-W	1.2 Ton	Upto 17.18 sq.mtr.***
DXK 18CAPDA-W	1.5 Ton	Upto 20.90 sq.mtr.***
DXK20CAPDA-W	1.6 Ton	Upto 23.00 sq.mtr.***
DXK25CAPDA-W	2.15 Ton	Upto 37.50 sq.mtr.***

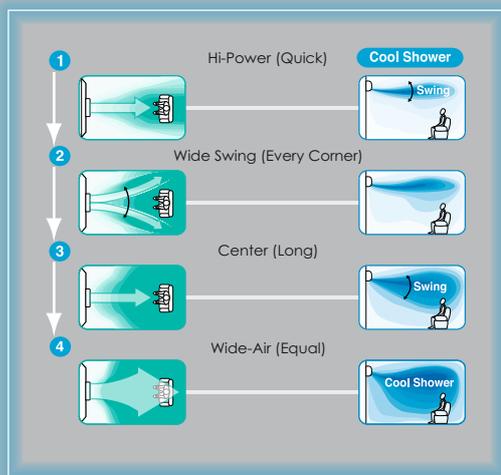
* Under Standard Installation & Lab Test Condition

*** Customers need to seek guidance from the Authorized Dealer / Expert for the AC unit capacity selection before ordering any AC unit. Area coverage is subject to checking of the site conditions like - Terrace / Wall / Glass windows exposed to direct sunlight, of the area to be Air- conditioned & room temperature requirement & outdoor temperature conditions. Company will not be responsible if there will be cooling issues due to improper selection of capacity of the AC units.

HIGH CAPACITY MACHINES

3D Air Flow

VERTICAL + HORIZONTAL LOUVER



AUTO SETTING (3D AUTO)

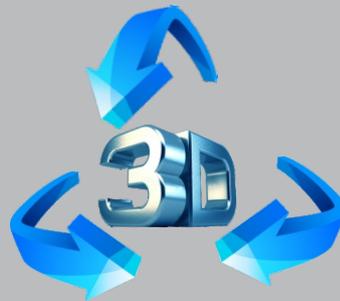


Thanks to automatic control of air flow volume and air flow direction, comfortable air conditioning of the entire room can be done effectively.

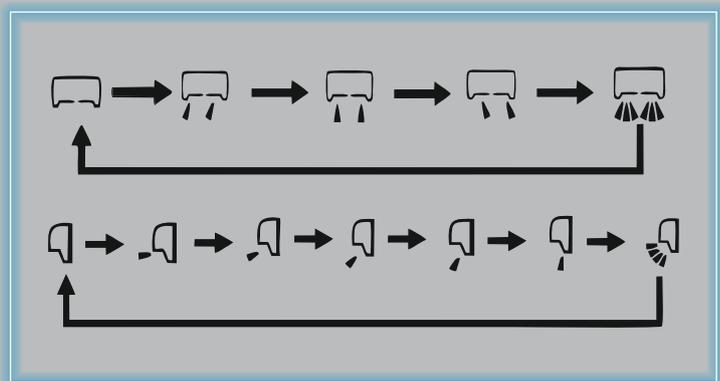
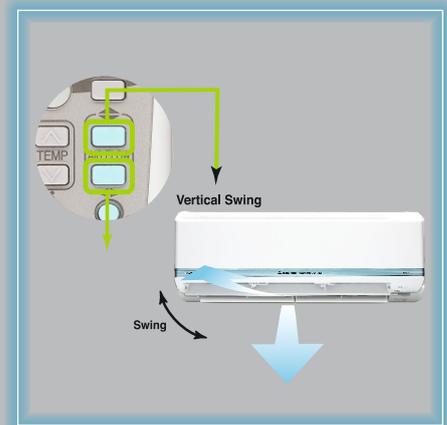
In cooling operation cooled air flows directly to the ceiling. The cooled air does not flow directly to the occupants of the room and the comfort cooled air flow comes from the ceiling like a soft shower.

MANUAL SETTING

By individual control of vertical + horizontal louver, air flow direction from the right to left & up & down is controlled. Manual Setting gives the the most preferable air flow direction and determining whether direct air flow is required or not at the same time minimizing of energy loss and economical operation has realized.



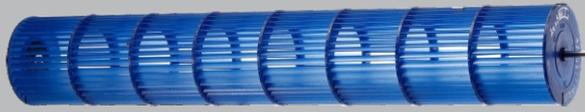
SURROUND COOLING



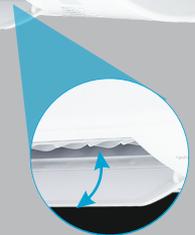
3D AUTO is one touch programmed and two motors (one vertical working motor + one horizontal working motors) make two independent air flow controls. The air flow is uniform and quiet and reaches at long distance points from the blower.

POWERFUL & SILENT AIR FLOW

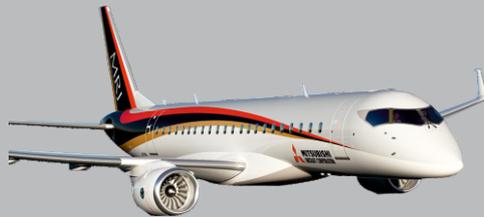
CFD (computational fluid dynamics), used in blade shape design of jet engines, has been applied to the design of air channels in air conditioners to develop the ideal air channel system (air circulation). The air flow of the jets created in this system enable a large volume of air to be blown with minimum power consumption, yet the air flow is uniform, quiet and reaches points a long distance from the blower.



BIG BLOWER
WITH HIGHER RPM



WIDE
LOUVER



WIDE HORIZONTAL LOUVER

- LONG REACH AIRFLOW** : The wide flap design pushes cool air farther across the room.
- UNIFORM COOLING** : Ensures even distribution of air so every corner feels comfortable.
- FASTER TEMPERATURE DROP** : Quickly brings down the room temperature for instant relief.
- USER BENEFIT** : A smarter flap design means no hot spots, no waiting—just quick, more consistent cooling comfort.

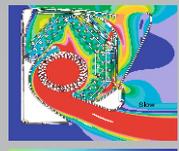
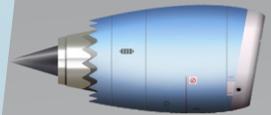


JET

FLOW

TECHNOLOGY

*for Powerful, Quick Cooling,
Bigger Area Coverage*



Fast ← → Slow
Colors in the figure show the air speed.

19 MTR

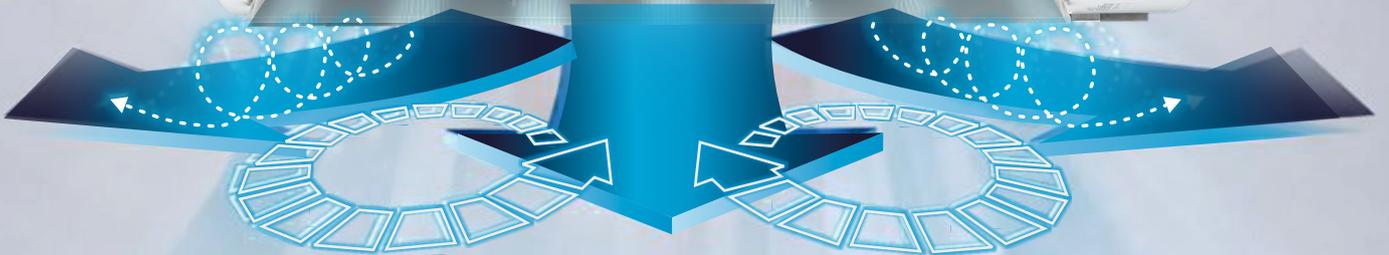


LONG REACH AIR FLOW

Powerful air flow is realized by Jet technology. Good for large living rooms and shops. Increase your comfort.

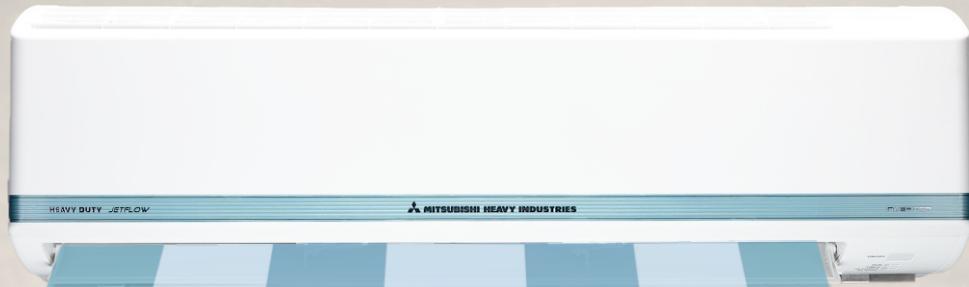
19 Meters**

DXK25CAPDA-W



SURROUND COOLING





Powerful Cooling



High Power Operation In a cooling operation

This operation mode delivers powerful cool air to cool the room quickly. It blows powerful cool air when you want to be cooled down after bathing or returning home on a hot summer day so that you can enjoy a cool sensation immediately. The air conditioner automatically returns to the previous operation mode in 15 minutes to prevent the room from being cooled excessively.

CLEAN AIR





NANO AIR FILTER

It has the ability to filter the small particles (PM 2.5) Reduce the contamination of small dust in the room.

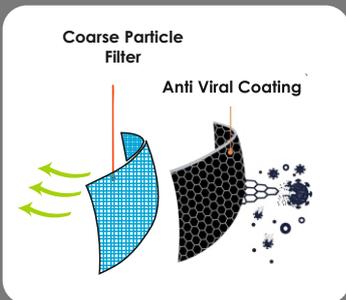


PM 2.5 Filtration

PM2.5 air filters for air conditioners are a type of enhanced filtration media designed to capture fine particulate matter (PM2.5), which includes microscopic pollutants such as dust, pollen, smoke, and allergens. These filters help improve indoor air quality by turning a standard AC into a partial or full air purification system.

What is PM2.5 ? PM2.5 refers to airborne particulate matter with a diameter of 2.5 microns or less. These particles are significantly smaller than a human hair and, due to their size, can penetrate deep into the lungs and enter the bloodstream, posing significant health risks, especially for individuals with asthma or allergies.

Filtration Mechanism: Unlike standard mesh filters that only catch large dust particles, PM2.5 filters are often made with high-efficiency non-woven or electrostatically charged nanofiber materials. As air passes through the AC unit, these filters trap fine particles before the air is cooled and circulated back into the room.



ANTI-VIRAL COATED PRE FILTER



Particulate Matter
(Pollution Particles)



Sterile Air
(Anti-Microbial)



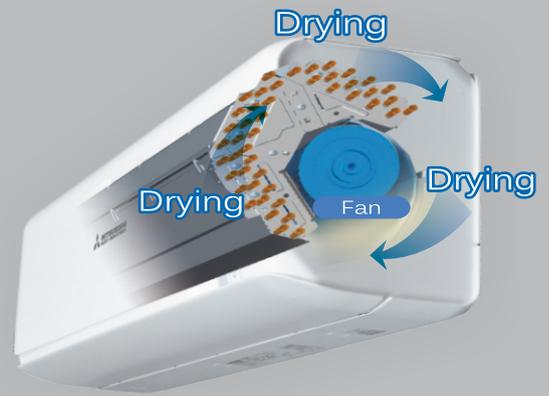
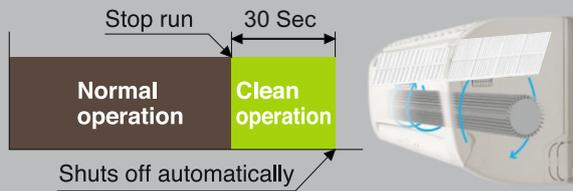
Removes Harmful
Chemical (VOC)



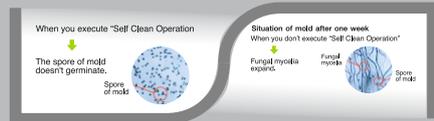
High Surface Area
(Pollutant Adsorption)

The Antiviral coating on prefilter has a sterilizing effect on all types of virus. Dust and micro-organisms suspended in it are trapped on the surface of the filter. Thanks to the antiviral coating on prefilter, their growth is inhibited.

AUTOMATIC SELF CLEAN FUNCTION



Always Keeping Indoor Unit Clean



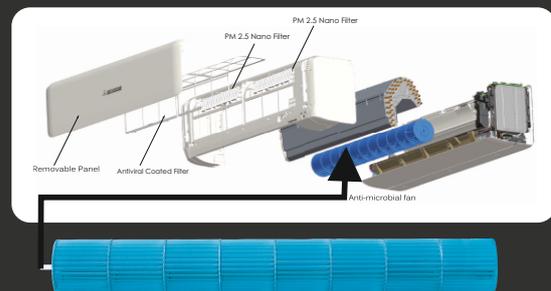
Automatic Self-Clean Function

When the AC unit is switched off, the Automatic Self-Clean function runs for 30 seconds. During this process, the indoor unit is thoroughly dried, helping to prevent moisture buildup and restrain the growth of mold. This ensures cleaner air, improved hygiene, and longer-lasting performance of your air conditioner.

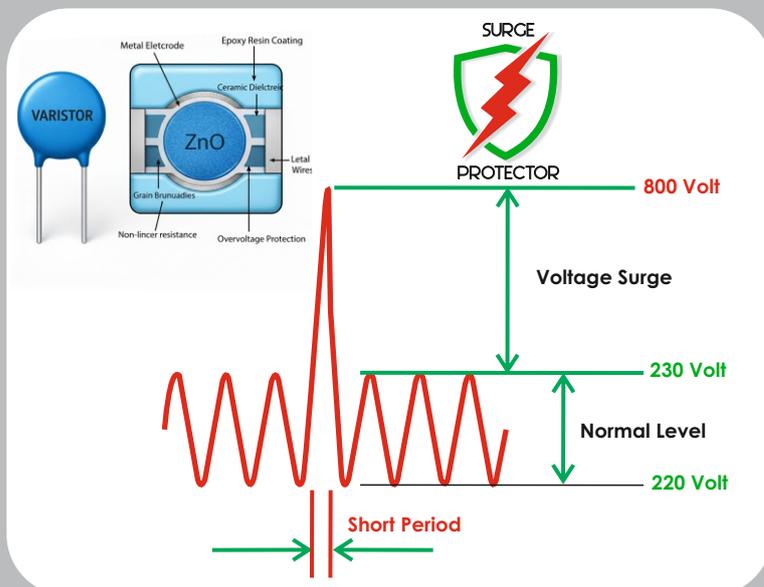
ANTI-MICROBIAL FAN



FOR GERM FREE AIR
ANTI - MOULD
ANTI - BACTERIAL



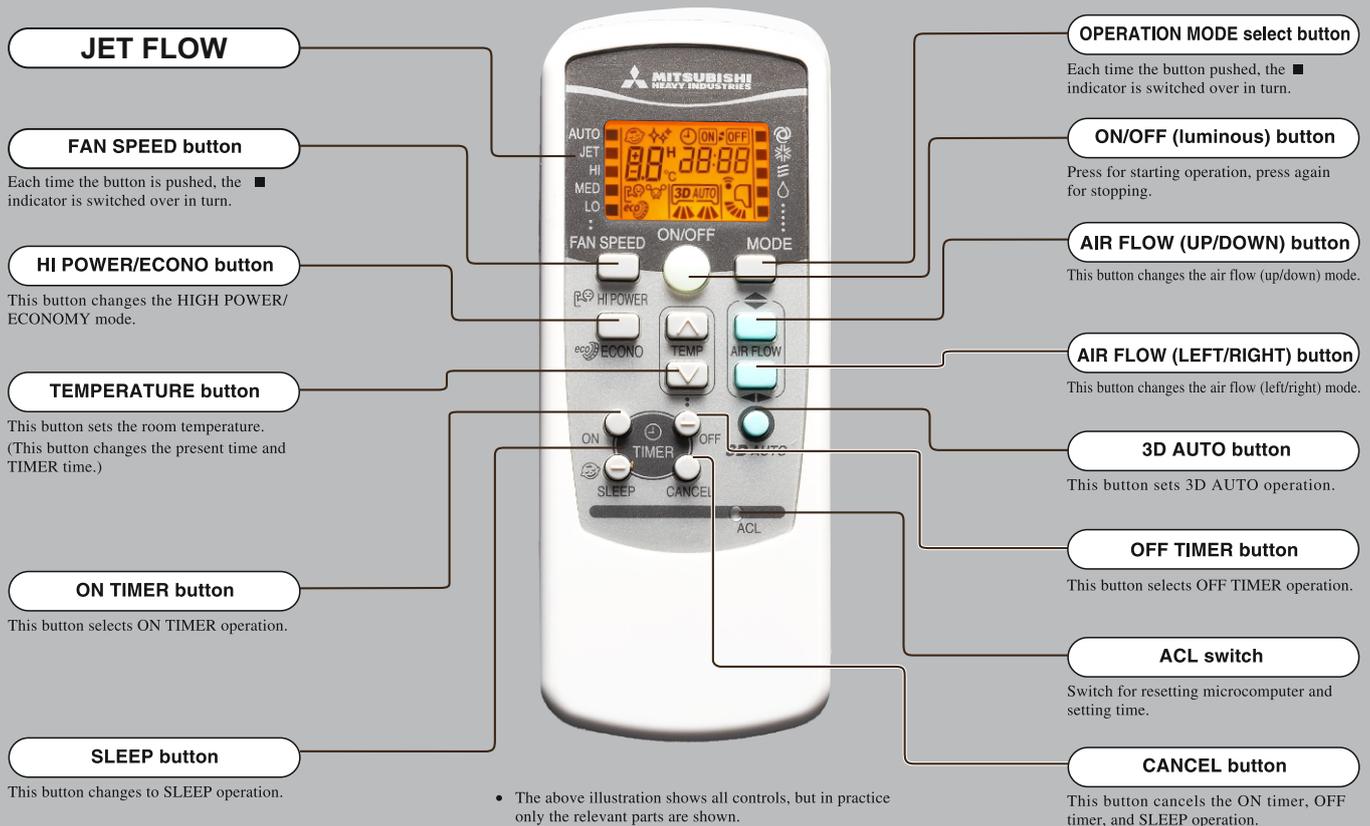
SURGE VOLTAGE PROTECTOR - VARISTOR



The Surge Voltage Protector feature is designed to shield your air conditioner from sudden spikes in electrical voltage. These surges can occur due to lightning strikes, power grid fluctuations, or unstable electricity supply. When activated, this function:

- Monitors incoming voltage in real time.
- Automatically disconnects or regulates power if voltage exceeds safe thresholds.
- Prevents damage to critical components like compressors, circuit boards, and sensors.
- Enhances safety and reduces the risk of fire or malfunction.
- Extends the lifespan of the air conditioner by maintaining stable operating conditions.
- This protection is especially valuable in regions with frequent power instability or during monsoon seasons when lightning strikes are common.

BACK LIT WIRELESS REMOTE CONTROLLER



• The above illustration shows all controls, but in practice only the relevant parts are shown.

ELECTRICITY SAVING

Hybrid AC For Electricity Saving



Feature Guide



Electricity Saving
Hybrid AC For Electricity Saving



High Capacity Machines
We have designed the machines using higher capacity compressor + Bigger Condenser Unit for maximum heat rejection for better cooling & higher energy efficiency, thereby we claim for Maximum Cooling Capacities.

INTELLIGENT AIRFLOW CONTROLS



Jet Air Flow
Aircraft technology was used in the design of the air conditioner's airflow system. We used the same aerodynamic analysis technology as used in developing jet engines.



3D Air
3D Auto For Air Distribution in 108 Direction.



Long Reach Air Flow
Jet air flow technology gives long reach airflow upto 15 mtr. for 1.5 times bigger coverage compared to conventional AC.



Up/ Down Swing
The UP/DOWN flap can be adjusted to the preferred operations angle, ranging from horizontal to perpendicular.



Wide Horizontal Louver
LONG REACH AIRFLOW : The wide flap design pushes cool air farther across the room.
UNIFORM COOLING : Ensures even distribution of air so every corner feels comfortable.
FASTER TEMPERATURE DROP : Quickly brings down the room temperature for instant relief.
USER BENEFIT : A smarter flap design means no hot spots, no waiting—just quick, more consistent cooling comfort.



Lateral Swing
It sends a pleasant breeze to a wide range in the room by swinging the louver to right and left automatically. Louver angle can be fixed at any desired position.

CLEAN AIR



Automatic Clean Function



Anti-viral Coated Pre Filter



It has the ability to filter the small particles (PM 2.5)
Reduce the contamination of small dust in the room.



Particulate Matter (Pollution Particles)



Anti Micro Bial Fan
The blower fan has undergone anti- microbial treatment to resist mold and germs, making the system clean and state. Foul odors and molds, etc. Which can occur when an air conditioning system is not in operation are prevented.



Sterile Air (Anti-Microbial)



High Surface Area (Pollutant Adsorption)

MAINTENANCE & PREVENTION



Self Diagnostic
In the Case, when air conditioner malfunction, an internal Micro-Computer Automatically runs Self Diagnosis function displays the flashing LED on the indoor unit and the User is able to identify the problem by referring the user's manual troubleshooting table and inform the problem.



100% Copper
All the Models uses 100% copper pipe in Condenser coil and the Evaporator coil for maintenance free durable life and for better heat transfer.



Detachable
The air inlet panel on the indoor unit opens and closes easily, making filter cleaning simple. The suction panel can also be removed.



CONVENIENT & ECONOMY FUNCTION



Auto Restart

Power blackout auto restart function is a function that records the operational status of the air-conditioner immediately prior to it being switched off by a power cut and then automatically resumes operations at that point after the power has been restored.



Economy

The unit realized effective energy saving operation, while still keeping a comfortable cooling and heating.



Dry Operation

The unit dehumidifies the room by intermittent cooling operation.



Mc (Microcomputer- Operated Defrosting)

This mode automatically eliminates frost, and helps minimize excessive operation in other modes.



Backup Switch

On the main unit, there is a backup on/off switch, which is useful when you can't use remote control or batteries are.



Longer Refrigerant Pipe Length

Long Distance piping flexibility allows the outdoor unit to be placed far from the indoor unit. This adds to convenience and facilitates easy installation of the ACs.



Luminous Button

"Luminous button" in remote controls even "glows in the dark". It is possible to operate all desired functions of the unit with the click of a button.



Sleep Mode

The room temperature is automatically controlled during the set sleep mode period, ensuring that room temperature will not get too cold or too hot.

COMFORTABLE FUNCTION :



Automatic

The air conditioner automatically selects from among heating, cooling and dry operations.



Fuzzy Auto Mode

Automatically, the unit determines its operating mode and temperature setting based on a fuzzy calculation, and adjusts the inverter frequency.

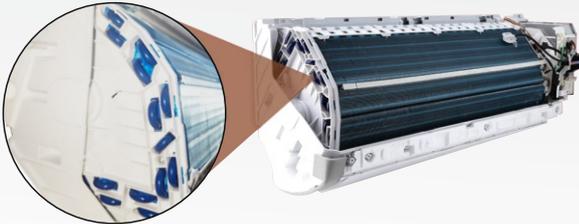


Hi Power Cooling

The unit can operate continuously in "HI POWER" mode for 15 minutes. This mode is convenient to reach the desired temperature quickly.



ANTI- CORROSIVE BLUE FIN S COILS + BENDS

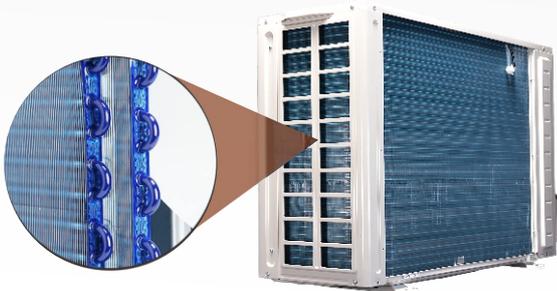


Enhanced Durability: The special anti-corrosion coating on the heat exchanger + bends protects the coils + bends from harsh climates, moisture, and humidity, extending the lifespan of the AC & prevents gas leakages

Protection from Corrosion: The blue fin coating shields the coils + bends from corrosive elements like salty air in coastal areas, preventing damage and maintaining efficiency.

Improved Efficiency: By preventing the accumulation of salt and deposition of acid, the blue-coated fins + bends helps to maintain optimal performance and efficiency & prevents gas leakages

Long-Term Reliability: The anti-corrosive coating ensures that coils + bends remain in good condition, reducing the need for repairs and replacements over time & prevents gas leakages



FROST PREVENTION FOR HEAT EXCHANGER

INDOOR FAN MOTOR PROTECTION

COMPRESSOR OVERHEAT PROTECTION

ANTI- CORROSIVE BLUE FIN S PROTECTION



SENSOR DISCONNECTION ALERT

ROOM TEMPERATURE SENSOR

INDOOR HEAT EXCHANGER TEMPERATURE SENSOR

SURGE VOLTAGE PROTECTION

HYBRID⁺ AIRCONDITIONER

Big Indoor

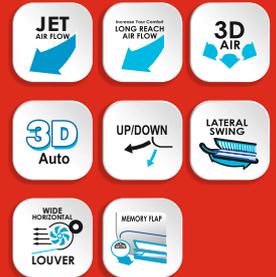


DXK18CAPDA (1.5 Ton)
DXK15CAPDA (1.2 Ton)



SURROUND COOLING

Intelligent Airflow Controls



Clean Air



Comfortable Function



Maintenance



Convenient & Economy Functions



Others



Long Reach Air Flow

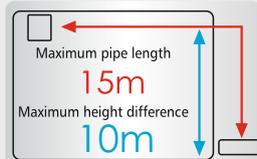
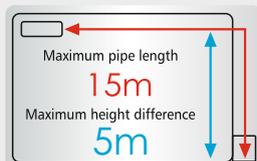


DXK18CAPDA-W (1.5 Ton)
DXK15CAPDA-W (1.2 Ton)

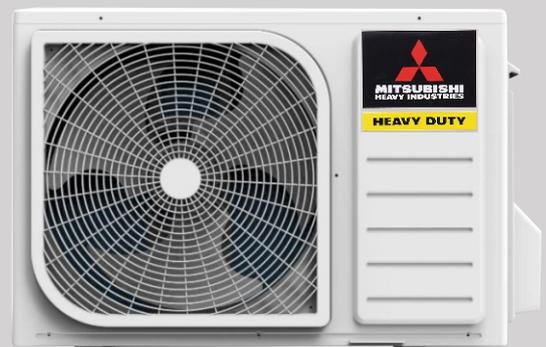
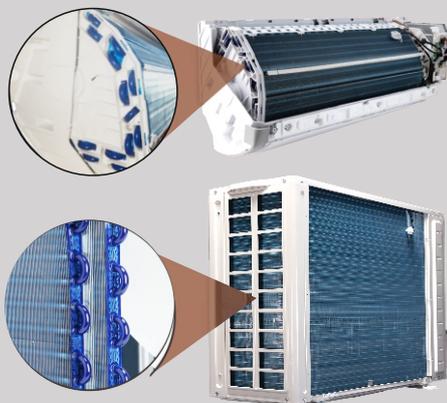
16.0 Meters**

SPECIFICATIONS		ECO SMART - HYBRID HEAVY DUTY AC (R32) - COOLING ONLY	
MODEL	Unit	DXK15CAPDA-W	DXK18CAPDA-W
MODEL	Indoor Unit	DXK15CAPDA-W	DXK18CAPDA-W
	Outdoor Unit	DXC15CAPDA-W	DXC18CAPDA-W
Ton - Cooling Only	Maximum Tonnage*	1.2	1.5
BEE STAR RATING - 2026		2 Star	2 Star
Compressor Type		Rotary	Rotary
Ambient Operating Range		55°C	55°C
Power Source		1 Phase, 220 / 230 V, 50 Hz	
Maximum Cooling Capacity Compressor *		14525	18292
Rated Cooling Capacity (100% Load)	BTU/hr	13819	17401
Rated Cooling Capacity (50% Load)		Not applicable for Fixed Speed AC	
Maximum Cooling Capacity Compressor *		4257	5361
Rated Cooling Capacity (100% Load)	Watts	4050	5100
Rated Cooling Capacity (50% Load)		Not applicable for Fixed Speed AC	
Rated Power Consumption (100% Full Load)		1038	1308
Rated Power Consumption (50% Half Load)		Not applicable for Fixed Speed AC	
Rated EER (100% Load)		3.9	3.9
Rated EER (50% Load)		Not applicable for Fixed Speed AC	
Rated Indian Seasonal Energy Efficiency Ratio	ISEER	3.9	3.9
Current **	A	4.7	5.9
Dimension (H x W x D)	Indoor Unit	mm	295 x 1000 x 230
	Outdoor Unit	mm	594 x 810 x 301
Weight (Gross)	Indoor Unit	Kgs	14.0
	Outdoor Unit	Kgs	40.0
Cooling Coil Row	Indoor Unit	No.s	2
Air Flow	Indoor Unit	CMH	1200
Long Reach Airflow Upto	Indoor Unit	Meters	16
Self Diagnosis Function	Indoor Unit		Yes
Sound Level (HI-P/H/M/L/)	Indoor Unit	dB	48 / 44 / 41 / 35
Louver Swing	Indoor Unit		3D + 3D AUTO
Special Filter	Indoor Unit		Anti- Viral Coated Pre Filter + PM2.5 Filter
Blower Fan	Indoor Unit		Anti - Micro Biol Fan
BLDC Fan Motor Speed	Indoor Unit		Hi Power (Jet) - Powerful / High / Medium / Low
Refrigerant			R32
Refrigerant Piping Thickness: 18Gauge (1mm)	Liquid Line	mm	6.35 (1/4")
	Gas Line	mm	12.7 (1/2")
Main Power Supply to	Outdoor Unit		2.5 mm ² x 3 cores (with Earthing Cable)
Connecting wiring	B/w IOU & ODU		2.5 mm ² x 4 cores (with Earthing Cable)
Area Coverage***	Sq. mtrs		12.54 ~ 17.18
			15.97 ~ 20.90

ANTI-CORROSIVE BLUE FINS COILS + BENDS



DXK15CAPDA-W / DXK18CAPDA-W



DXC15CAPDA-W / DXC18CAPDA-W

* Cooling Capacity is derived Maximum during evening & night when the temperature is less than 31°C

** Under Standard Installation & Lab Test Condition

*** Customers need to seek guidance from the Authorized Dealer / Expert for the AC unit capacity selection before ordering any AC unit. Area coverage is subject to checking of the site conditions like - Terrace / Wall / Glass windows exposed to direct sunlight, of the area to be Air-conditioned & room temperature requirement & outdoor temperature conditions. Company will not be responsible if there will be cooling issues due to improper selection of capacity of the AC units.

ISEER = INDIAN SEASONAL ENERGY EFFICIENCY RATIO

HYBRID⁺ AIRCONDITIONER

Big Indoor

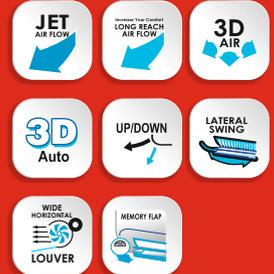


DXK25CAPDA - W (2.15 Ton)
DXK20CAPDA - W (1.60 Ton)



SURROUND COOLING

Intelligent Airflow Controls



Clean Air



Comfortable Function



Maintenance



Convenient & Economy Functions



Others



Long Reach Air Flow

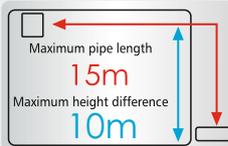
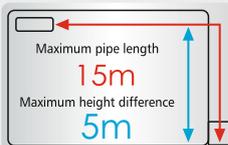


DXK25CAPDA - W (2.15 Ton)
DXK20CAPDA - W (1.60 Ton)

→ 19 Meters**

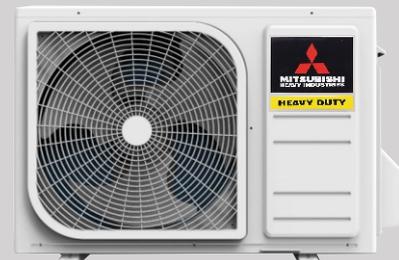
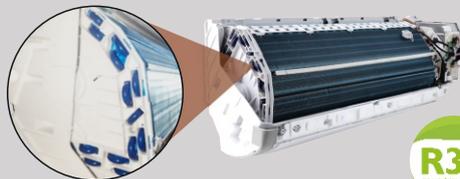
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MODEL	Unit	DXK20CAPDA-W	DXK25CAPDA-W
MODEL	Indoor Unit	DXK20CAPDA-W	DXK25CAPDA-W
	Outdoor Unit	DXC20CAPDA-W	DXC25CAPDA-W
Ton - Cooling Only	Maximum Tonnage *	1.60	2.15
BEE STAR RATING - 2026		2 Star	2 Star
Compressor Type		Rotary	Rotary
Ambient Operating Range		55°C	55°C
Power Source		1 Phase, 220 / 230 V, 50 Hz	
Maximum Cooling Capacity Compressor *		19370	25829
Rated Cooling Capacity (100% Load)	BTU/hr	18425	24566
Rated Cooling Capacity (50% Load)		Not applicable for Fixed Speed AC	
Maximum Cooling Capacity Compressor *		5677	7570
Rated Cooling Capacity (100% Load)	Watts	5400	7200
Rated Cooling Capacity (50% Load)		Not applicable for Fixed Speed AC	
Rated Power Consumption (100% Full Load)		1384	1857
Rated Power Consumption (50% Half Load)	watts	Not applicable for Fixed Speed AC	
Rated EER (100% Load)		3.9	3.88
Rated EER (50% Load)		Not applicable for Fixed Speed AC	
Rated Indian Seasonal Energy Efficiency Ratio	ISEER	3.9	3.88
Current **	A	6.3	8.4
Dimension (H x W x D)	Indoor Unit	mm	330 x 1100 x 250
	Outdoor Unit	mm	594 x 810 x 301
Weight (Gross)	Indoor Unit	Kgs	16.5
	Outdoor Unit	Kgs	60.0
Cooling Coil Row	Indoor Unit	No.s	2
Air Flow	Indoor Unit	CMH	1400
Long Reach Airflow Upto	Indoor Unit	Meters	19
Self Diagnosis Function	Indoor Unit		Yes
Sound Level (HI-P/H/M/L)	Indoor Unit	dB	50 / 46/ 43 /40
Louver Swing	Indoor Unit		3D + 3D AUTO
Special Filter	Indoor Unit		Anti- Viral Coated Pre Filter + PM2.5 Filter
Blower Fan	Indoor Unit		Anti - Micro Bio Fan
BLDC Fan Motor Speed	Indoor Unit		Hi Power (Jet) - Powerful / High / Medium / Low
Refrigerant			R32
Refrigerant Piping Thickness: 18Gauge (1mm)	Liquid Line	mm	6.35 (1/4")
	Gas Line	mm	12.7 (1/2")
Main Power Supply to	Outdoor Unit		2.5 mm2 x 3 cores (with Earthing Cable)
Connecting wiring	B/w IOU & ODU		2.5 mm2 x 4 cores (with Earthing Cable)
Area Coverage***	Sq. mtrs		17 ~ 23

Refrigerant Pipe Length

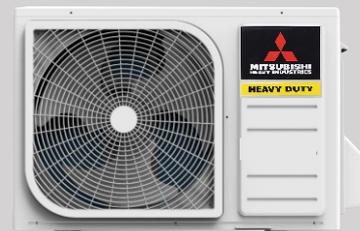


DXK20CAPDA-W / DXK25CAPDA-W

ANTI-CORROSIVE BLUE FINN COILS + BENDS



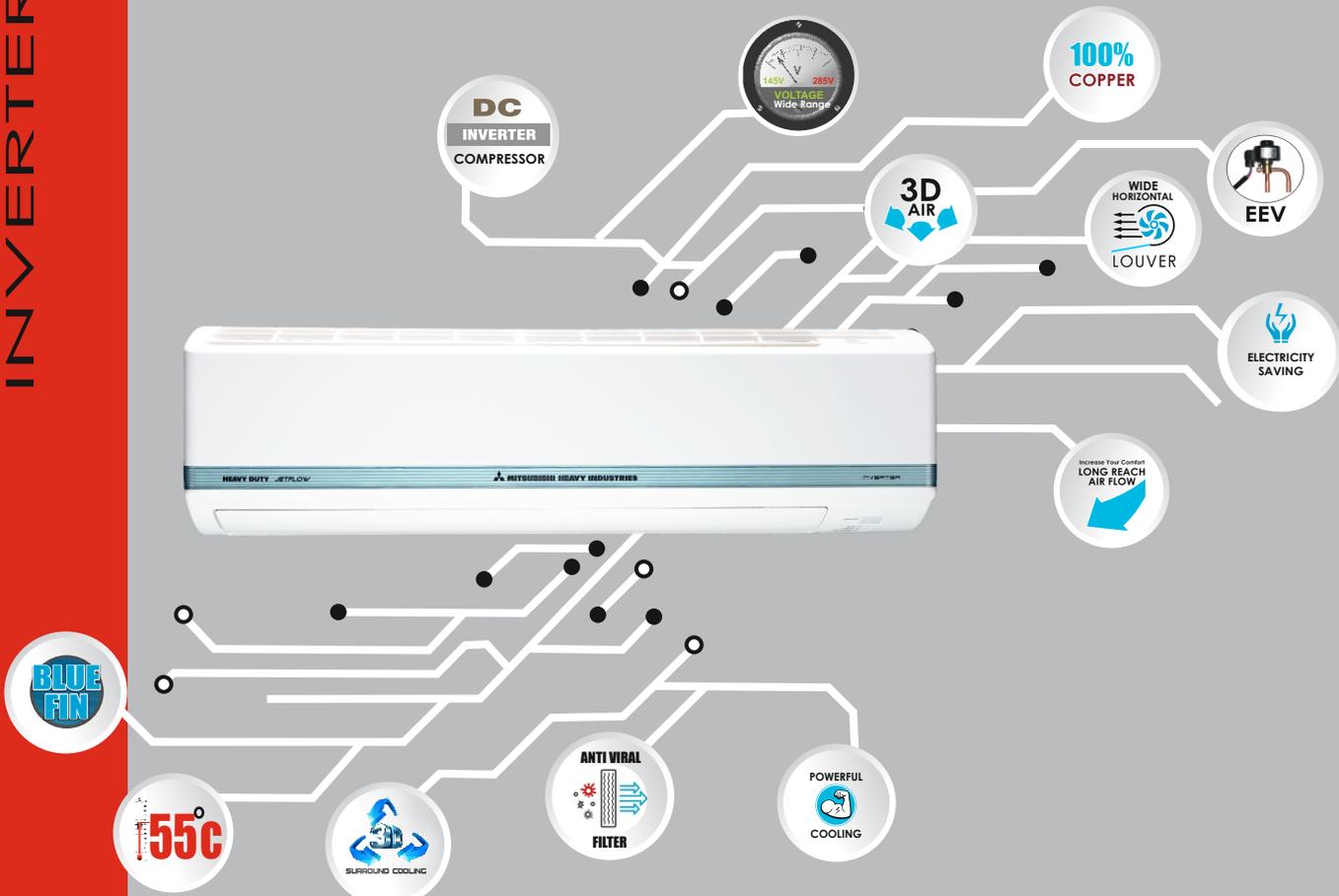
DXK25CAPDA-W



DXK20CAPDA-W

* Cooling Capacity is derived Maximum during day & night when the temperature is less than 31°C
 ** Under Standard Installation & Lab Test Condition
 *** Customers need to seek guidance from the Authorized Dealer / Expert for the AC unit capacity selection before ordering any AC unit. Area coverage is subject to checking of the site conditions like - Terrace / Wall / Glass windows exposed to direct sunlight, of the area to be Air- conditioned & room temperature requirement & outdoor temperature conditions. Company will not be responsible if there will be cooling issues due to improper selection of capacity of the AC units.
ISEER = INDIAN SEASONAL ENERGY EFFICIENCY RATIO

HYPER INVERTER AC gives 1.5 times bigger area coverage compared to Conventional Inverter AC & still gives electricity saving



DC Inverter Rotary Compressor

A DC inverter compressor uses a variable frequency drive (VFD) to adjust motor speed from 10% to 120% of its capacities, allowing it to modulate cooling capacity from low to full power. Unlike fixed speeds compressor, DC Inverter Compressor gives a significant energy savings, quieter operation, precise temperature control, and longer lifespan due to reduced wear and tear for delivery precise & optimal cooling. DC Inverter are with strong torque and better low-frequency performance, making them ideal for modern, efficient airconditioners for delivering the perfect airconditioning.

Fuzzy Auto Mode

The temperature and humidity sensors check room conditions. The unit automatically controls the operation mode and the setting temperature to operate efficiently. Operation mode and cooling/heating capacity is controlled automatically according to one setting temperature. Fuzzy auto mode offers automatic comfort temperature control even if weather condition changes quickly.

Advantages :

- Neodymium motor
- 1.5 times Higher compression ratio
- Wider range of operation
- Lower vibration & noise
- Zero Starting currents
- Improved efficiency with 0.1Hz step up
- Higher efficiency



EEV = Electronic Expansion Valve
only in model SRK27YAMDA-W - 2.25 Ton

AREA COVERAGE TABLE - HYPER INVERTER

MODEL NO.	CAPACITY	AREA COVERAGE
DXK13YAMDA-W	1.0 Ton	Upto 15.00 sq.mtr.***
DXK18YAMDA-W	1.5 Ton	Upto 20.90 sq.mtr.***
DXK21YAMDA-W	1.75 Ton	Upto 27.17 sq.mtr.***
DXK27YAMDA-W	2.25 Ton	Upto 41.80 sq.mtr.***

*** Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned.

*** Customers need to seek guidance from the Authorized Dealer / Expert for the AC unit capacity selection before ordering any AC unit. Area coverage is subject to checking of the site conditions like - Terrace / Wall / Glass windows exposed to direct sunlight, of the area to be Air- conditioned & room temperature requirement & outdoor temperature conditions. Company will not be responsible if there will be cooling issues due to improper selection of capacity of the AC units.

Intelligent Airflow Controls



Clean Air



Comfortable Function



Maintenance



Convenient & Economy Functions

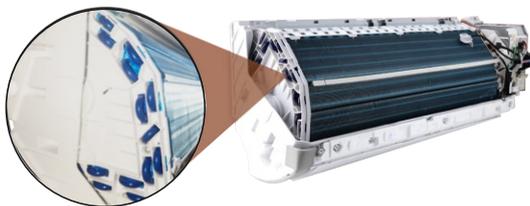


Others



Backlit
Remote
Control

ANTI- CORROSIVE BLUE FIN S COILS + BENDS



Enhanced Durability: The special anti-corrosion coating on the heat exchanger + bends protects the coils + bends from harsh climates, moisture, and humidity, extending the lifespan of the AC & prevents gas leakages

Protection from Corrosion: The blue fin coating shields the coils + bends from corrosive elements like salty air in coastal areas, preventing damage and maintaining efficiency.

Improved Efficiency: By preventing the accumulation of salt and deposition of acid, the blue-coated fins + bends helps to maintain optimal performance and efficiency & prevents gas leakages

Long-Term Reliability: The anti-corrosive coating ensures that coils + bends remain in good condition, reducing the need for repairs and replacements over time & prevents gas leakages

SL NO.	Features				
1	DC PAM Inverter	✓	17	Fuzzy Logic	✓
2	High Power Cooling	✓	18	Back-Up Switch	✓
3	Jet Air Flow	✓	19	Auto Restart	✓
4	3D Air	✓	20	Luminous Button	✓
5	3D Auto	✓	21	100% Copper	✓
6	Auto Flap	✓	22	EEV (only in model SRK27YAMDA-W - 2.25 Ton)	✓
7	Memory	✓	23	Self Diagnostic	✓
8	Up/Down (Horizontal Louver)	✓	24	Dry Mode	✓
9	Lateral Swing (Vertical Louver)	✓	25	Off timer	✓
10	Economy Cooling	✓	26	Sleep Mode	✓
11	Front Panel Detachable	✓	27	MC (Micro Computer)	✓
12	Anti Micro Bial Fan	✓	28	Anti-Corrosive Blue Fin Condenser Coil	✓
13	Self Clean Operation	✓	29	R32	✓
14	Anti Viral Coated Filters	✓	30	Backlit Wireless Remote control	✓
15	Nano Air Filtration (PM 2.5)	✓	31	Wide Voltage Range 145V ~ 285V	✓
16	Auto Mode	✓	32	Protective Shield	✓

FROST PREVENTION FOR HEAT EXCHANGER

INDOOR FAN MOTOR PROTECTION

ABNORMALITY OF OUTDOOR UNIT

OVER CURRENT PROTECTION

COMPRESSOR OVERHEAT PROTECTION

SIGNAL TRANSMISSION ERROR PROTECTION



SENSOR DISCONNECTION PROTECTION

ROOM TEMPERATURE SENSOR

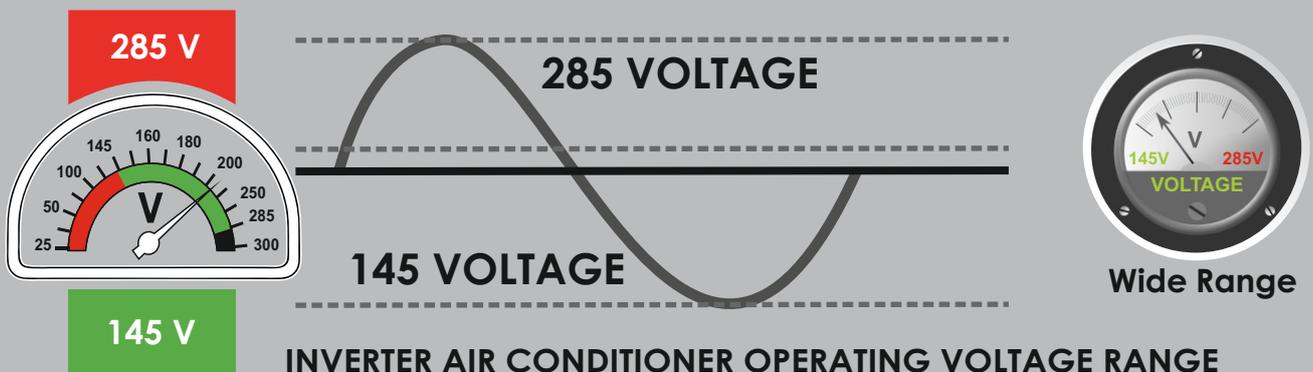
INDOOR HEAT EXCHANGER TEMPERATURE SENSOR

OUTDOOR HEAT EXCHANGER TEMPERATURE SENSOR

DISCHARGE PIPE TEMPERATURE SENSOR

OUTDOOR AIR TEMPERATURE SENSOR

WIDE VOLTAGE RANGE FOR HYPER INVERTER AC



WIDE VOLTAGE RANGE - SUPPORT *Only Hyper Inverter model From 145V to 285V are supported to usage environment for inverter model and customer can use safely even in unstable electric situation.

EXTENDED WARRANTY

ON HYPER INVERTER HI-WALL AC^S UPTO 2.25 TON

[Subject to warranty terms mentioned in our website]



Product Registration is Mandatory*



Genuine Spares & Service Center



**HYPER
INVERTER**

**Big
Indoor**



DXK18YAMDA-W 1.5 Ton (0.30 Ton ~ 1.7 Ton)



DXK13YAMDA-W 1.0 Ton (0.25 Ton ~ 1.12 Ton)



SURROUND COOLING



Intelligent Airflow Controls



Clean Air



Comfortable Function



Maintenance



Convenient & Economy Functions



Others



Long Reach Air Flow



DXK18YAMDA-W 1.5 Ton → 16 Meters**

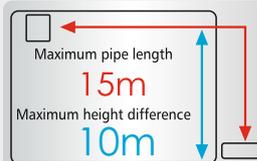
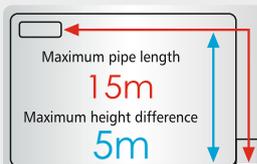
DXK13YAMDA-W 1.0 Ton → 14 Meters**

ECO SMART - HYPER INVERTER (R32) - COOLING ONLY

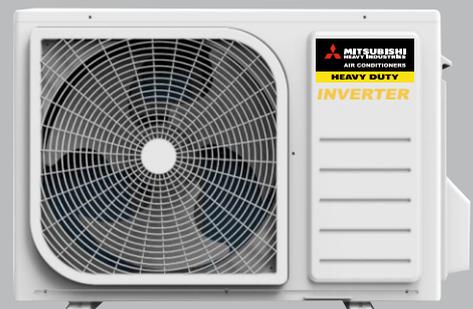
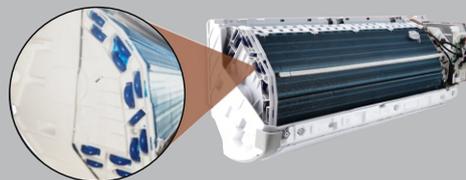
MODEL	Unit	DXK13YAMDA-W	DXK18YAMDA-W	
MODEL	Indoor Unit	DXK13YAMDA-W	DXK18YAMDA-W	
	Outdoor Unit	DXC13YAMDA-W	DXC18YAMDA-W	
Ton - Cooling Only	(minimum ~ maximum)	1.0 Ton (0.25 Ton ~ 1.12 Ton)	1.5 Ton (0.30 Ton ~ 1.7 Ton)	
BEE STAR RATING - 2026		3 Star	3 Star	
Compressor Type		DC Inverter Rotary Compressor	DC Inverter Rotary Compressor	
Ambient Operating Range		55°C	55°C	
VFD - Variable Frequency Drive		Dual Driver - Variable Frequency Drive		
Minimum Compressor RPM		8 ~ 120 RPM - using Dual Driver Controller		
Refrigerant Volume Control Using		Capillary	Capillary	
Power Controller		iPM (Intelligent Power Module)		
Power Source		1 Phase, 220 / 230 V, 50 Hz		
Minimum ~ Maximum Voltage Range		145 V ~ 285 V		
Maximum Cooling Capacity ** (120% Load)	BTU/hr	13535	20206	
Rated Cooling Capacity (100% Load)		11771	17572	
Rated Cooling Capacity (50% Load)		5886	8786	
Maximum Cooling Capacity ** (120% Load)	Watts	3967	5922	
Rated Cooling Capacity (100% Load)		3450	5150	
Rated Cooling Capacity (50% Load)		1725	2575	
Rated Power Consumption (100% Full Load)	watts	980	1475	
Rated Power Consumption (50% Half Load)		354	525	
Rated EER (100% Load)	W/w	3.5	3.5	
Rated EER (50% Load)		4.9	4.9	
Rated Indian Seasonal Energy Efficiency Ratio	ISEER	4.5	4.5	
Current (minimum ~ maximum) **	A	4.5	6.7	
Dimension (H x W x D)	Indoor Unit	mm	295 x 800 x 230	295 x 1000 x 230
	Outdoor Unit	mm	557 x 780 x 241	557 x 780 x 281
Weight (Gross)	Indoor Unit	Kgs	12.0	13.7
	Outdoor Unit	Kgs	25.0	28.0
Air Flow	Indoor Unit	CMH	820	1150
Long Reach Airflow Upto	Indoor Unit	Meters	14	16
Self Diagnosis Function	Indoor Unit		Yes	Yes
Sound Level (HI-P/H/M/L)	Indoor Unit	dB	45 / 42 / 38 / 34	48 / 44 / 41 / 35
Louver Swing	Indoor Unit		3D + 3D AUTO	
Special Filter	Indoor Unit		Anti- Viral Coated Pre Filter + PM2.5 Filter	
Blower Fan	Indoor Unit		Anti - Micro Biol Fan	
BLDC Fan Motor Speed	Indoor Unit		Hi Power (Jet) - Powerful / High / Medium / Low	
Refrigerant			R32	R32
Refrigerant Piping Thickness: 18Gauge (1mm)	Liquid Line	mm	6.35 (1/4")	6.35 (1/4")
	Gas Line	mm	9.52 (3/8")	12.7 (1/2")
Main Power Supply to	Outdoor Unit		2.5 mm2 x 3 cores (with Earthing Cable)	
Connecting wiring	B/w IOU & ODU		2.5 mm2 x 4 cores (with Earthing Cable)	
Area Coverage***	Sq. mtrs		11 ~ 15	15.97 ~ 20.90

ANTI-CORROSIVE BLUE FINN COILS + BENDS

Refrigerant Pipe Length



DXK13YAMDA-W / DXK18YAMDA-W



DXK18YAMDA-W / DXC13YAMDA-W

* Cooling Capacity is derived Maximum during evening & night when the temperature is less than 31°C

** Under Standard Installation & Lab Test Condition

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ISEER = INDIAN SEASONAL ENERGY EFFICIENCY RATIO

**HYPER
INVERTER**

**Big
Indoor**



DXK27YAMDA-W 2.25 Ton (0.40 Ton ~ 2.51 Ton)
DXK21YAMDA-W 1.75 Ton (0.35 Ton ~ 1.95 Ton)



SURROUND COOLING



Intelligent Airflow Controls



Clean Air



Comfortable Function



Maintenance



Convenient & Economy Functions



Others



Long Reach Air Flow



DXK27YAMDA-W (2.25 Ton) → 19 METERS**

DXK21YAMDA-W (1.75 Ton) → 16 METERS**

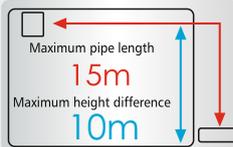
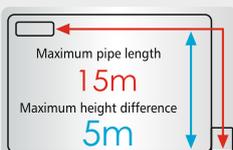
Specifications



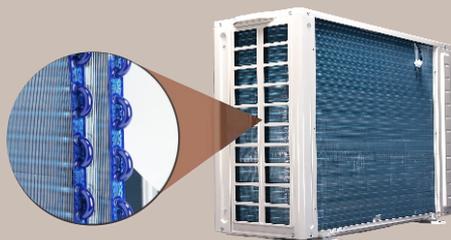
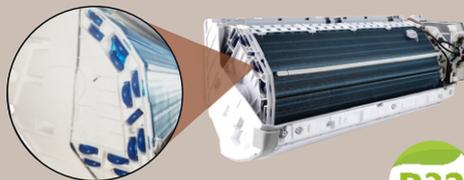
ECO SMART - HYPER INVERTER (R32) - COOLING ONLY			
MODEL	Unit	DXK21YAMDA-W	DXK27YAMDA-W
MODEL	Indoor Unit	DXK21YAMDA-W	DXK27YAMDA-W
	Outdoor Unit	DXC21YAMDA-W	DXC27YAMDA-W
Ton - Cooling Only	(minimum ~ maximum)	1.75 (0.35 Ton ~ 1.95 Ton)	2.25 (0.40 Ton ~ 2.51 Ton)
BEE STAR RATING - 2026		3 Star	3 Star
Compressor Type		DC Inverter Rotary Compressor	DC Inverter Twin Rotary Compressor
Ambient Operating Range		55°C	55°C
VFD - Variable Frequency Drive		Dual Driver - Variable Frequency Drive	
Minimum Compressor RPM		8 ~ 120 RPM - using Dual Driver Controller	
Refrigerant Volume Control Using		Capillary	EEV (Electronic Expansion Valve)
Power Controller		iPM (Intelligent Power Module)	
Power Source		1 Phase, 220 / 230 V, 50 Hz	
Minimum ~ Maximum Voltage Range		145 V ~ 285 V	
Maximum Cooling Capacity ** (120% Load)	BTU/hr	23509	30142
Rated Cooling Capacity (100% Load)		20813	26955
Rated Cooling Capacity (50% Load)	Watts	10407	13477
Maximum Cooling Capacity ** (120% Load)		6890	8834
Rated Cooling Capacity (100% Load)	watts	6100	7900
Rated Cooling Capacity (50% Load)		3050	3950
Rated Power Consumption (100% Full Load)	W/w	1755	2312
Rated Power Consumption (50% Half Load)		638	775
Rated EER (100% Load)	ISEER	3.5	3.4
Rated EER (50% Load)		4.8	5.1
Rated Indian Seasonal Energy Efficiency Ratio	A	4.43	4.55
Current (minimum ~ maximum) **		8	10.5
Dimension (H x W x D)	Indoor Unit	mm	295 x 1000 x 230
	Outdoor Unit	mm	645 x 810 x 301
Weight (Gross)	Indoor Unit	Kgs	14.0
	Outdoor Unit	Kgs	33.0
Air Flow	Indoor Unit	CMH	1200
Long Reach Airflow Up to	Indoor Unit	Meters	16
Self Diagnosis Function	Indoor Unit		Yes
Sound Level (HI-P/H/M/L)	Indoor Unit	dB	49 / 45 / 42 / 36
Louver Swing	Indoor Unit		3D + 3D AUTO
Special Filter	Indoor Unit		Anti - Viral Coated Pre Filter + PM2.5 Filter
Blower Fan	Indoor Unit		Anti - Micro Biol Fan
BLDC Fan Motor Speed	Indoor Unit		Hi Power (Jet) - Powerful / High / Medium / Low
Refrigerant			R32
Refrigerant Piping Thickness: 18Gauge (1mm)	Liquid Line	mm	6.35 (1/4")
	Gas Line	mm	12.7 (1/2")
Main Power Supply to	Outdoor Unit		2.5 mm2 x 3 cores (with Earthing Cable)
Connecting wiring	B/w IOU & ODU		2.5 mm2 x 4 cores (with Earthing Cable)
Area Coverage***	Sq. mtrs		27.88 ~ 37.17

ANTI-CORROSIVE BLUE FINN COILS + BENDS

Refrigerant Pipe Length



DXK21YAMDA-W / DXK27YAMDA-W



DXC27YAMDA-W



DXC21YAMDA-W

* Cooling Capacity is derived Maximum during evening & night when the temperature is less than 31°C

** Under Standard Installation & Lab Test Condition

*** Customers need to seek guidance from the Authorized Dealer / Expert for the AC unit capacity selection before ordering any AC unit. Area coverage is subject to checking of the site conditions like - Terrace / Wall / Glass windows exposed to direct sunlight, of the area to be Air-conditioned & room temperature requirement & outdoor temperature conditions. Company will not be responsible if there will be cooling issues due to improper selection of capacity of the AC units.

ISEER = INDIAN SEASONAL ENERGY EFFICIENCY RATIO

A hand is shown in the foreground, pointing towards the camera. The background is dark with some bokeh light effects. Overlaid on the image is a semi-transparent rectangular box containing the text "THANK YOU" in large, bold, white capital letters. The text has a slight glow effect.

THANK YOU

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www.mitsubishiheavyduty.com