MITSUBISHI HEAVY INDUSTRIES
AIR CONDITIONERS

HEAVY DUTY

# JET FLOW TECHNOLOGY

*for Powerful, Quick Cooling, Bigger Area Coverage*

# DXK

JETTA
YOUR MIGHTY JET-POWERED HOME PROTECTOR

HYBRID+
AIRCONDITIONER

HYPER
INVERTER

MOVE THE WORLD FORWARD

DESERT XTREME KOOLING
SERIES

MITSUBISHI HEAVY INDUSTRIES

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

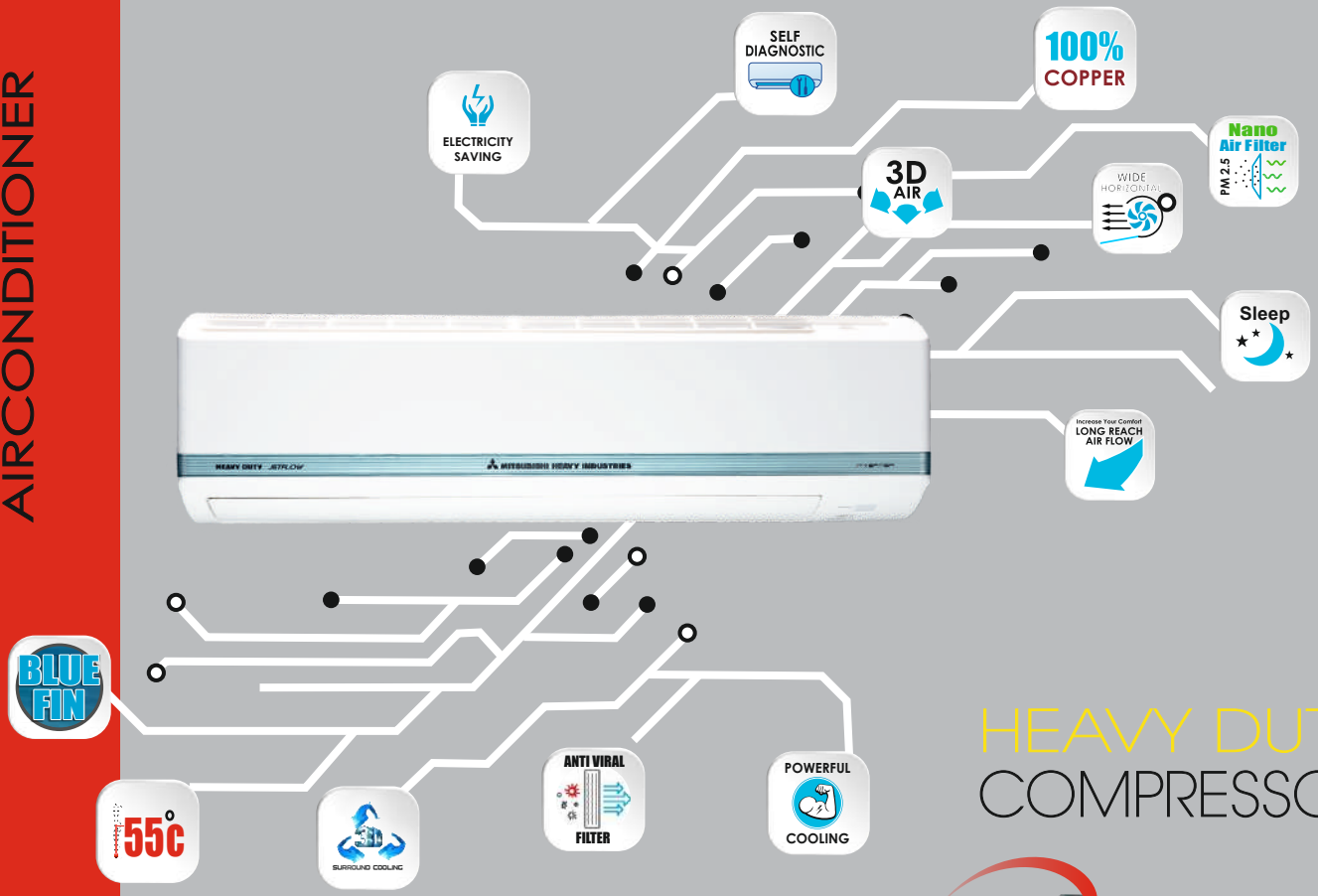
As a global manufacturer, the fields in which Mitsubishi Heavy Industries work, knows no limits, offering more than 700 products that fall in all sectors and meet different needs and lifestyles, with the aim of reconciling public needs and technological innovation. With its eyes on the future, MHI will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


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

HIGH CAPACITY MACHINE

We have designed the machines using higher capacity compressor + Bigger condensor 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.*** |

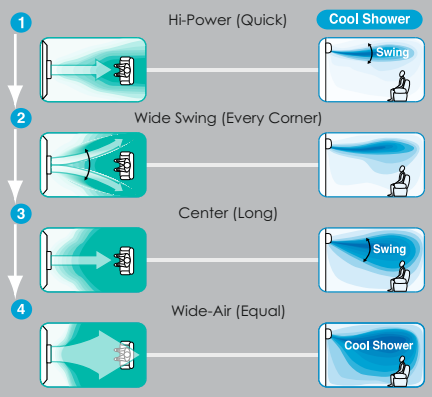
* Under Standard Installation & Lab Test Condition

*** 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



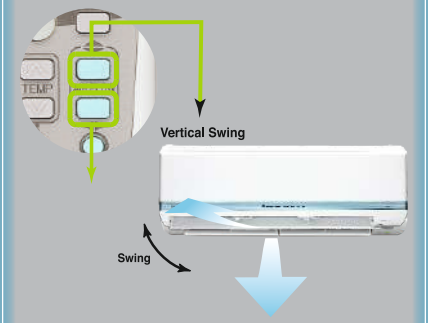

### AUTO SETTING (3D AUTO)

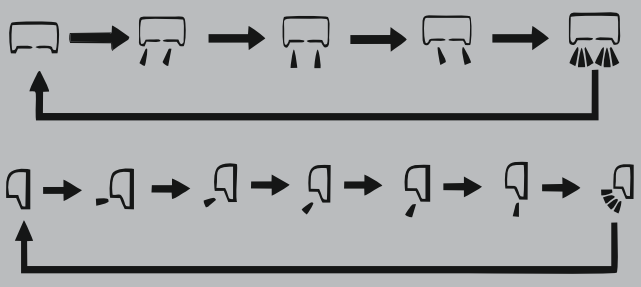
Thanks to automatic control of air flow volume and air flow direction, comfortable air conditioning of the entire room can be done effectively.

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.

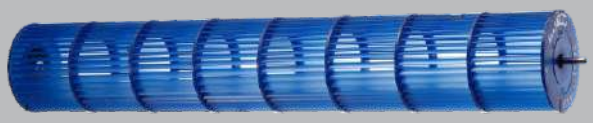




3D AUTO is one touch programmed and two motors (one vertical working motor + one horizontal working motors) make two independent air flow controls. The air flow is uniform and quiet and reaches at long distance points from the blower.

3D SURROUND COOLING

# 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

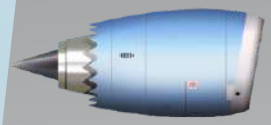

## WIDE HORIZONTAL LOUVER

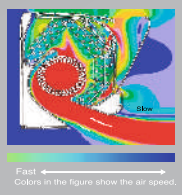
**LONG REACH AIRFLOW** : The wide flap design pushes cool air farther across the room.
**UNIFORM COOLING** : Ensures even distribution of air so every corner feels comfortable.
**FASTER TEMPERATURE DROP** : Quickly brings down the room temperature for instant relief.
**USER BENEFIT** : A smarter flap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


JET FLOW TECHNOLOGY

# JET FLOW TECHNOLOGY

***for Powerful, Quick Cooling, Bigger Area Coverage***





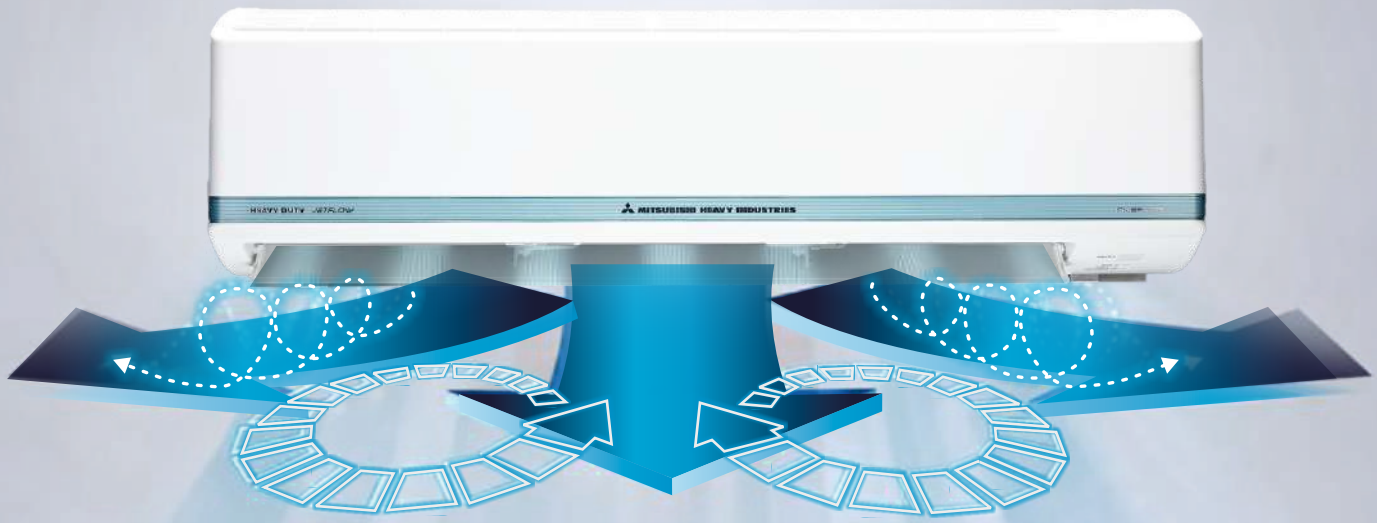


# LONG REACH AIR FLOW

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

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


SMELL
DUST
FUNGI
MOLD
SMELL
SMELL
SMELL
FUNGI
MOLD
SMELL
CLEAN AIR


DESTROY
BACTERIA
AND VIRUSES!

# NANO AIR FILTER

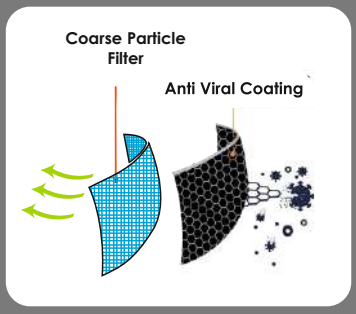
It has the ability to filter the small particles ( PM 2.5 ) Reduce the contamination of small dust in the room.

**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.

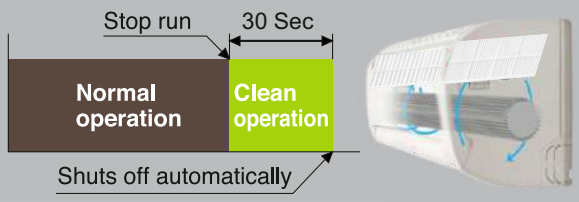


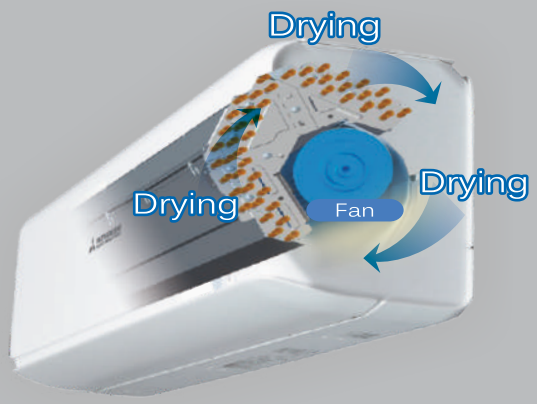

# ANTI-VIRAL COATED PRE FILTER

- Particulate Matter (Pollution Particles)
- Sterile Air (Anti-Microbial)
- Removes Harmful Chemical (VOC)
- High Surface Area (Pollutant Adsorption)

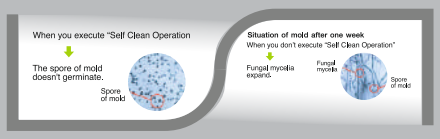
The Antiviral coating on prefilter has a sterilizing effect on all types of virus. Dust and micro-organisms suspended in it are trapped on the surface of the filter. Thanks to the antiviral coating on prefilter, their growth is inhibited.

# AUTOMATIC SELF CLEAN FUNCTION




## Always Keeping Indoor Unit Clean



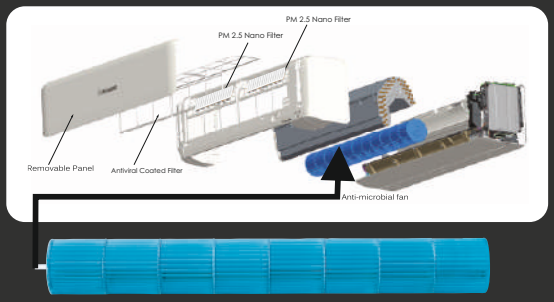

## Automatic Self-Clean Function

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.

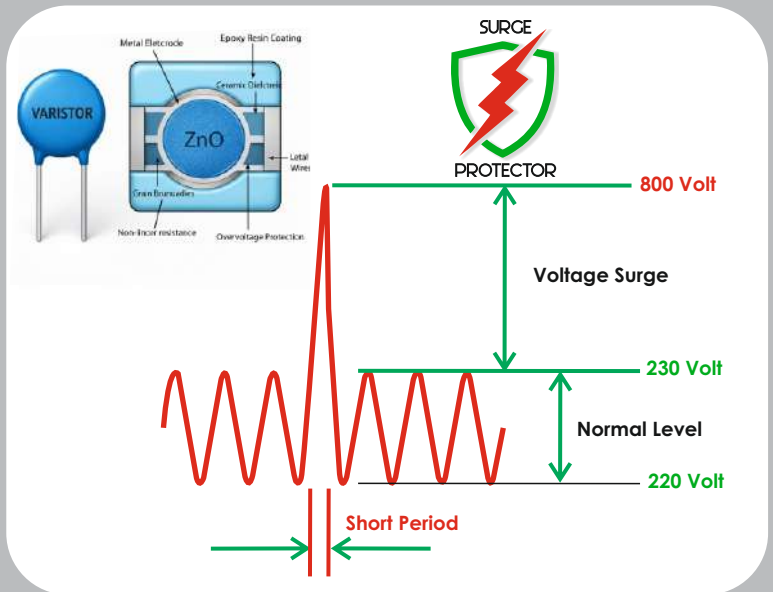
# ANTI-MICROBIAL FAN

ANTI MICRO BIAL 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

**JET FLOW**

**FAN SPEED button**

Each time the button is pushed, the ■ indicator is switched over in turn.

**HI POWER/ECONO button**

This button changes the HIGH POWER/ ECONOMY mode.

**TEMPERATURE button**

This button sets the room temperature. (This button changes the present time and TIMER time.)

**ON TIMER button**

This button selects ON TIMER operation.

**SLEEP button**

This button changes to SLEEP operation.


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

**OPERATION MODE select button**

Each time the button pushed, the ■ indicator is switched over in turn.

**ON/OFF (luminous) button**

Press for starting operation, press again for stopping.

**AIR FLOW (UP/DOWN) button**

This button changes the air flow (up/down) mode.

**AIR FLOW (LEFT/RIGHT) button**

This button changes the air flow (left/right) mode.

**3D AUTO button**

This button sets 3D AUTO operation.

**OFF TIMER button**

This button selects OFF TIMER operation.

**ACL switch**

Switch for resetting microcomputer and setting time.

**CANCEL button**

This button cancels the ON timer, OFF timer, and SLEEP operation.

# 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.

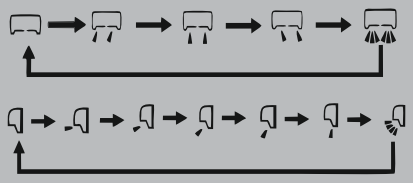
### Long Reach Air Flow
Jet air flow technology gives long reach airflow upto 15 mtr. for 1.5 times bigger coverage compared to conventional AC.

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

### 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.

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

### 3D Auto



### 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.

## CLEAN AIR

### Automatic Clean Function

### Anti-viral Coated Pre Filter

### Particulate Matter (Pollution Particles)

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

### Sterile Air (Anti-Microbial)

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

### 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.

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

### 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.

## TIMER

ON TIMER

OFF TIMER

## 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, these 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.

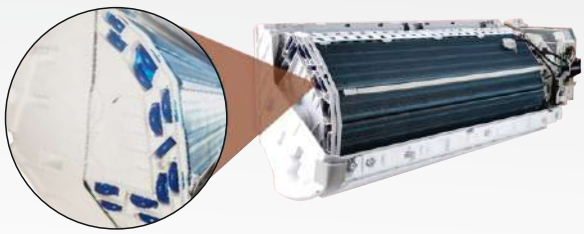
## COMFORTABLE FUNCTION :

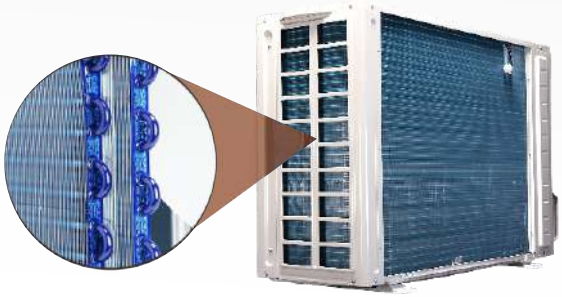
### Automatic
The air conditioner automatically selects from among heating, cooling and dry operations.

### 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.

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

## ANTI- CORROSIVE BLUE FINS 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

HEAVY DUTY

PROTECTIVE SHIELD

- FROST PREVENTION FOR HEAT EXCHANGER
- INDOOR FAN MOTOR PROTECTION
- COMPRESSOR OVERHEAT PROTECTION
- ANTI- CORROSIVE BLUE FINS 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 )

2 STAR RATED

3D SURROUND COOLING

Intelligent Airflow Controls

JET AIR FLOW | LONG REACH AIR FLOW | 3D AIR | 3D Auto | UP/DOWN | LATERAL SWING | WIDE HORIZONTAL LOUVER | MEMORY FLAP

Clean Air

ANTI VIRAL FILTER | Nano Air Filter PM 2.5 | SELF CLEAN OPERATION

Comfortable Function

AUTO | POWERFUL COOLING | AUTO FLAP

Maintenance

SELF DIAGNOSTIC | DETACHABLE | BLUE FIN

Convenient & Economy Functions

Economy | DRY | 24h Timer on off

Others

BACK-UP SWITCH | Auto Restart | BACKLIT REMOTE CONTROL

55°C | 100% COPPER | SURGE PROTECTOR

## Long Reach Air Flow

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

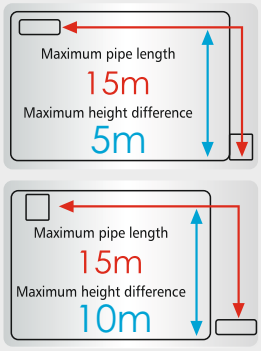
→ 16.0 Meters**

# Specifications

MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONERS
HEAVY DUTY

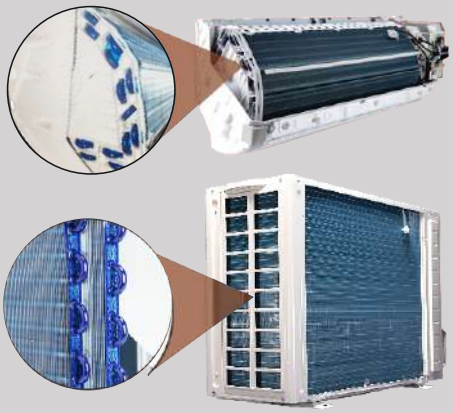
| SPECIFICATIONS | | | ECO SMART - HYBRID HEAVY DUTY AC ( R32 ) - COOLING ONLY | |
|---|---|---|---|---|
| MODEL | Unit | | DXK15CAPDA-W | DXK18CAPDA-W |
| MODEL | Indoor Unit | | DXK15CAPDA-W | DXK18CAPDA-W |
| | Outdoor Unit | | DXC15CAPDA-W | DXC18CAPDA-W |
| Ton - Cooling Only | Maximum Tonnage * | | 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) | | watts | 1038 | 1308 |
| Rated Power Consumption ( 50% Half Load) | | | Not applicable for Fixed Speed AC | |
| Rated EER (100% Load ) | | W/w | 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 | 295 x 1000 x 230 |
| | Outdoor Unit | mm | 594 x 810 x 301 | 594 x 810 x 301 |
| Weight ( Gross ) | Indoor Unit | Kgs | 14.0 | 14.0 |
| | Outdoor Unit | Kgs | 36.0 | 40.0 |
| Cooling Coil Row | Indoor Unit | No.s | 2 | 2 |
| Air Flow | Indoor Unit | CMH | 1200 | 1200 |
| Long Reach Airflow Upto | Indoor Unit | Meters | 16 | 16 |
| Self Diagnosis Function | Indoor Unit | | Yes | Yes |
| Sound Level (HI-P/H/M/L/) | Indoor Unit | dB | 48 / 44 / 41 / 35 | 49 / 44 / 41 / 39 |
| 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 | 12.7 (1/2") | 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 | 12.54 ~ 17.18 | 15.97 ~ 20.90 |

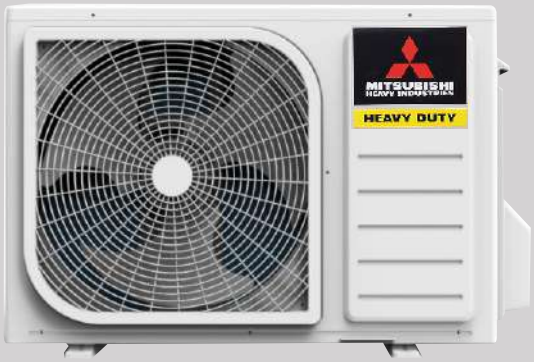
Refrigerant Pipe Length




DXK15CAPDA-W /DXK18CAPDA-W

ANTI- CORROSIVE BLUE FINS COILS + BENDS






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 )

2 STAR RATED

3D SURROUND COOLING

Intelligent Airflow Controls

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Clean Air

ANTI VIRAL FILTER | Nano Air Filter PM 2.5 | SELF CLEAN OPERATION

Comfortable Function

AUTO | POWERFUL COOLING | AUTO Air

Maintenance

SELF DIAGNOSTIC | DETACHABLE | BLUE FIN

Convenient & Economy Functions

Economy | DRY | 24h Timer on off

Others

BACK-UP SWITCH | Auto Restart | BACKLIT REMOTE CONTROL

55°C | 100% COPPER | SURGE PROTECTOR

## Long Reach Air Flow

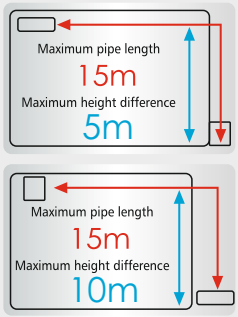
DXK25CAPDA - W ( 2.15 Ton ) → 19 Meters**
DXK20CAPDA - W ( 1.60 Ton )

# Specifications

MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONERS
HEAVY DUTY

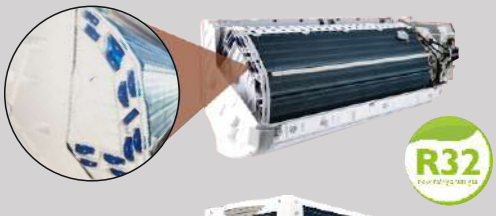
| SPECIFICATIONS | | | ECO SMART - HYBRID HEAVY DUTY AC ( R32 ) - COOLING ONLY | |
|---|---|---|---|---|
| MODEL | Unit | | DXK20CAPDA-W | DXK25CAPDA-W |
| MODEL | Indoor Unit | | DXK20CAPDA-W | DXK25CAPDA-W |
| | Outdoor Unit | | DXC20CAPDA-W | DXC25CAPDA-W |
| Ton - Cooling Only | Maximum Tonnage * | | 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) | | watts | 1384 | 1857 |
| Rated Power Consumption ( 50% Half Load) | | | Not applicable for Fixed Speed AC | |
| Rated EER (100% Load ) | | W/w | 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 | 330 x 1100 x 250 |
| | Outdoor Unit | mm | 594 x 810 x 301 | 752 x 910 x 330 |
| Weight ( Gross ) | Indoor Unit | Kgs | 16.5 | 16.5 |
| | Outdoor Unit | Kgs | 40.5 | 60.0 |
| Cooling Coil Row | Indoor Unit | No.s | 2 | 2 |
| Air Flow | Indoor Unit | CMH | 1400 | 1450 |
| Long Reach Airflow Upto | Indoor Unit | Meters | 19 | 19 |
| Self Diagnosis Function | Indoor Unit | | Yes | Yes |
| Sound Level (HI-P/H/M/L) | Indoor Unit | dB | 50 / 46/ 43 /40 | 55 / 52 / 50 / 48 |
| 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 | 12.7 (1/2") | 15.88 (5/8") |
| 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 | 23 ~ 37.5 |

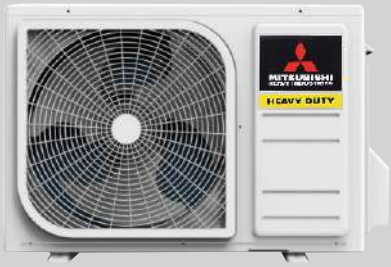
## Refrigerant Pipe Length




DXK20CAPDA-W / DXK25CAPDA-W

## ANTI- CORROSIVE BLUE FINS COILS + BENDS




DXC25CAPDA-W


DXC20CAPDA-W

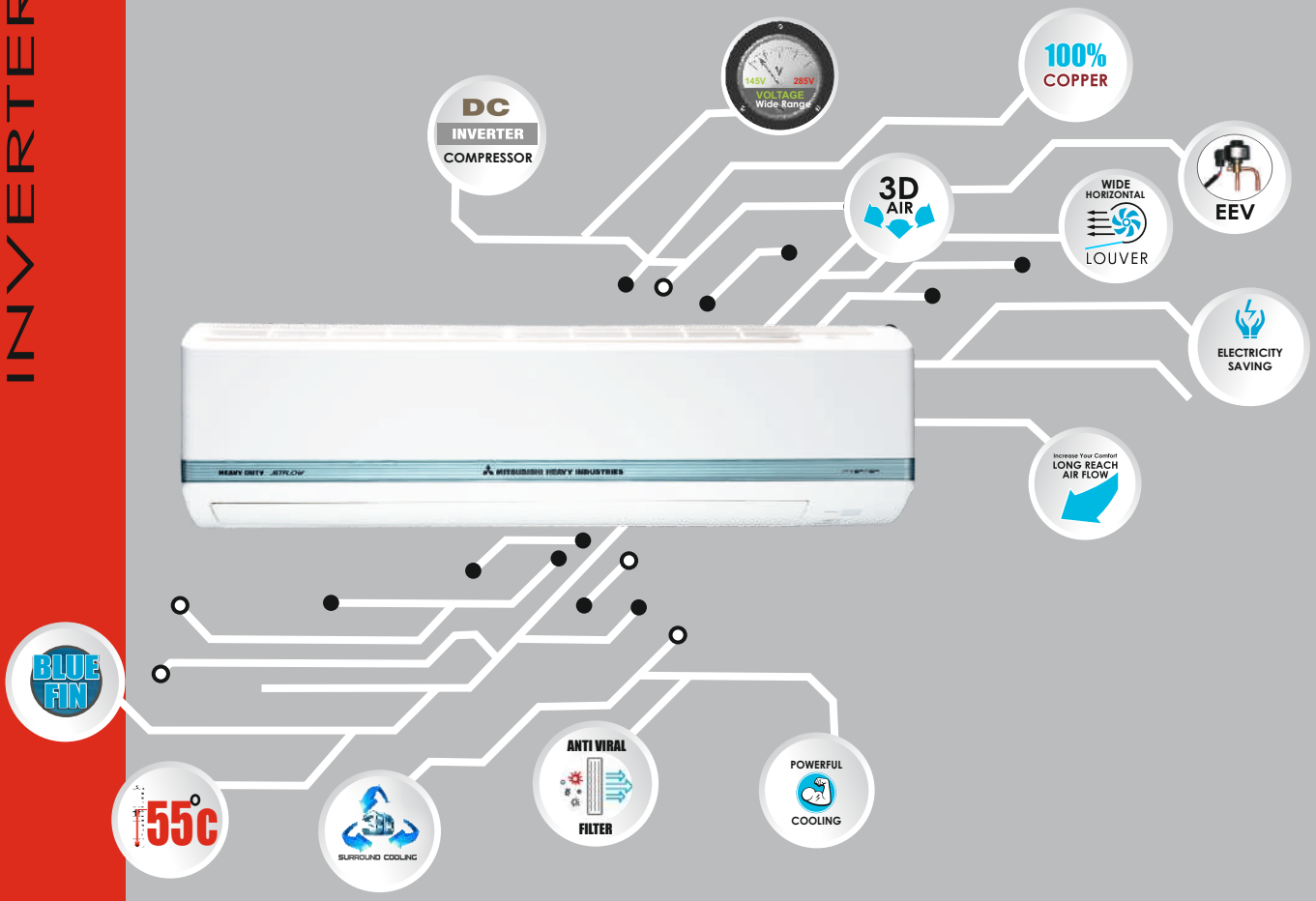
* Cooling Capacity is derived Maximum during evening & night when the temperature is less than 31°C
** Under Standard Installation & Lab Test Condition
*** Customers need to seek guidance from the Authorized Dealer / Expert for the AC unit capacity selection before ordering any AC unit. Area coverage 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**

HYPER INVERTER

HIGH CAPACITY MACHINES

# 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.

**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

## 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.


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.

# HYPER INVERTER Feature Guide

## Intelligent Airflow Controls


## Clean Air


## Comfortable Function


## Maintenance

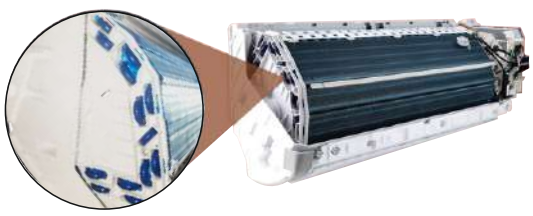

## Convenient & Economy Functions

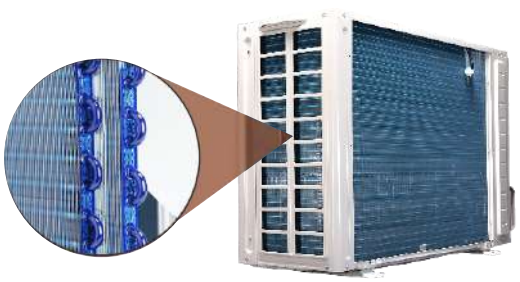

## Others




Backlit Remote Control

## ANTI- CORROSIVE BLUE FINS 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

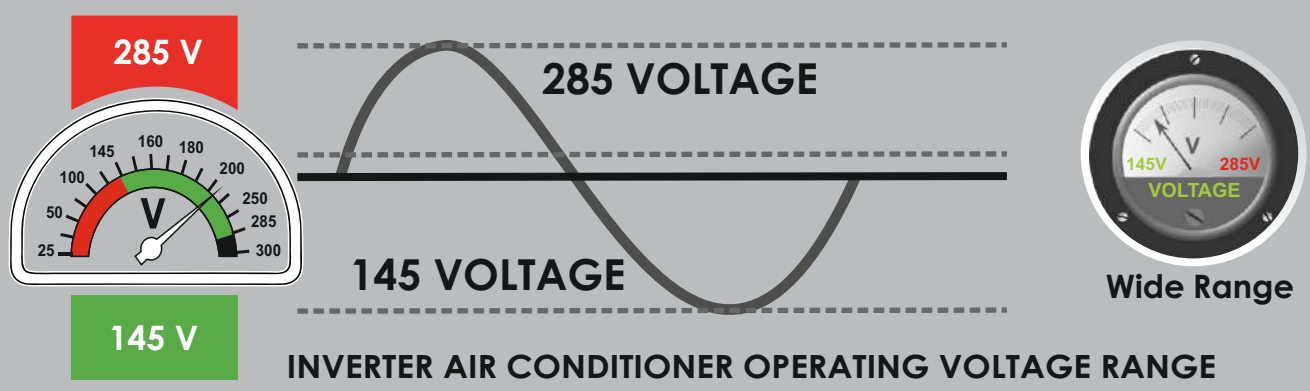
# HYPER INVERTER Features

| SL NO. | Features | | 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 Filteration ( 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




**INVERTER AIR CONDITIONER OPERATING VOLTAGE RANGE**

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 ACS UPTO 2.25 TON

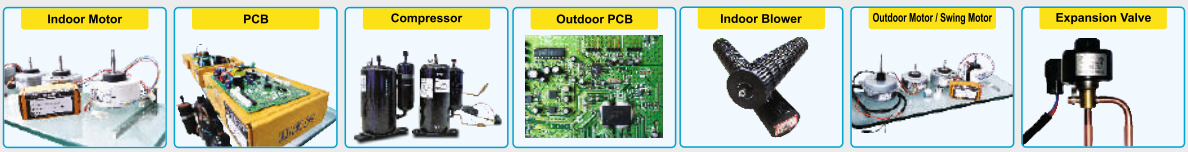
[ Subject to warranty termes mentioned in our website ]


COMPRESSOR
10
YEARS
WARRANTY

PCB
5
YEARS
WARRANTY

**Product Registration is Mandatory***

## Genuine Spares & Service Center




# HYPER INVERTER

# Big Indoor


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

3 STAR RATED


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

3 STAR RATED

3D SURROUND COOLING

ELECTRICITY SAVING

Fuzzy

DC INVERTER COMPRESSOR

Wide Range

Intelligent Airflow Controls

JET AIR FLOW

LONG REACH AIR FLOW

3D AIR

3D Auto

UP/DOWN

LATERAL SWING

WIDE HORIZONTAL LOUVER

MEMORY FLAP

Clean Air

ANTI VIRAL FILTER

Nano Air Filter

PM 2.5

SELF CLEAN OPERATION

Comfortable Function

AUTO

POWERFUL COOLING

Maintenance

SELF DIAGNOSTIC

DETACHABLE

BLUE FIN

Convenient & Economy Functions

Economy

DRY

24h Timer

Others

BACK-UP SWITCH

Auto Restart

BACKLIT REMOTE CONTROL

55°C

100% COPPER

SURGE PROTECTOR

## Long Reach Air Flow

DXK18YAMDA-W 1.5 Ton → 16 Meters**

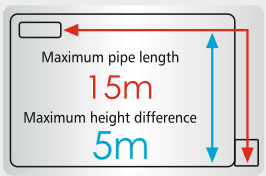
DXK13YAMDA-W 1.0 Ton → 14 Meters**

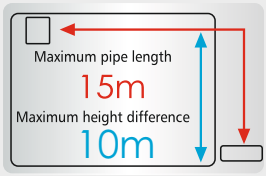
# Specifications

MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONERS
HEAVY DUTY

| | | | 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 ) | | BTU/hr | 11771 | 17572 |
| Rated Cooling Capacity ( 50% Load ) | | BTU/hr | 5886 | 8786 |
| Maximum Cooling Capacity ** ( 120% Load ) | | Watts | 3967 | 5922 |
| Rated Cooling Capacity ( 100% Load ) | | Watts | 3450 | 5150 |
| Rated Cooling Capacity ( 50% Load ) | | Watts | 1725 | 2575 |
| Rated Power Consumption (100% Full Load) | | watts | 980 | 1475 |
| Rated Power Consumption ( 50% Half Load) | | watts | 354 | 525 |
| Rated EER (100% Load ) | | W/w | 3.5 | 3.5 |
| Rated EER ( 50% Load ) | | W/w | 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 |

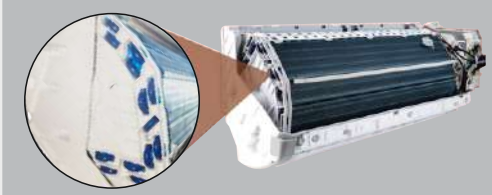
## Refrigerant Pipe Length

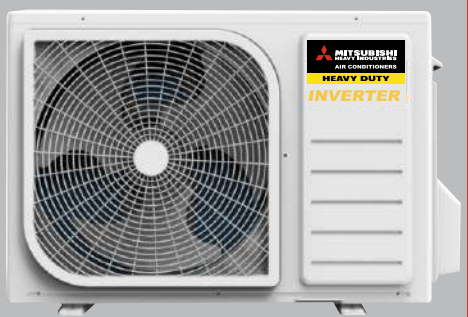



DXK13YAMDA-W /DXK18YAMDA-W

ANTI- CORROSIVE BLUE FINS COILS + BENDS






R32

DXC18YAMDA-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
*** 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

# Big Indoor


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

3 STAR RATED

3D SURROUND COOLING

ELECTRICITY SAVING

Fuzzy

DC INVERTER COMPRESSOR

Wide Range

Intelligent Airflow Controls

JET AIR FLOW

LONG REACH AIR FLOW

3D AIR

3D Auto

UP/DOWN

LATERAL SWING

WIDE HORIZONTAL LOUVER

MEMORY FLAP

Clean Air

ANTI VIRAL FILTER

Nano Air Filter

SELF CLEAN OPERATION

Comfortable Function

AUTO

POWERFUL COOLING

Maintenance

SELF DIAGNOSTIC

DETACHABLE

BLUE FIN

Convenient & Economy Functions

Economy

DRY

24h Timer

Others

BACK-UP SWITCH

Auto Restart

BACKLIT REMOTE CONTROL

55°C

100% COPPER

SURGE PROTECTOR

## Long Reach Air Flow

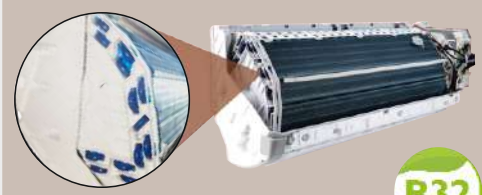
DXK27YAMDA-W (2.25 Ton) → 19 METERS**
DXK21YAMDA-W (1.75 Ton) → 16 METERS**

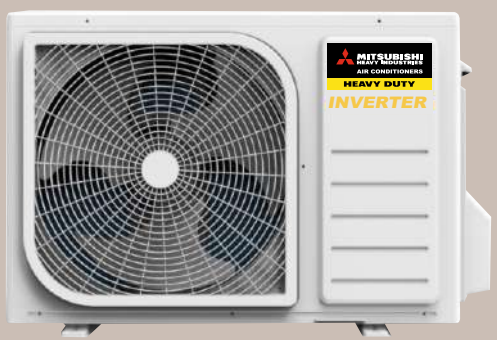
# Specifications

MITSUBISHI HEAVY INDUSTRIES AIR CONDITIONERS
HEAVY DUTY

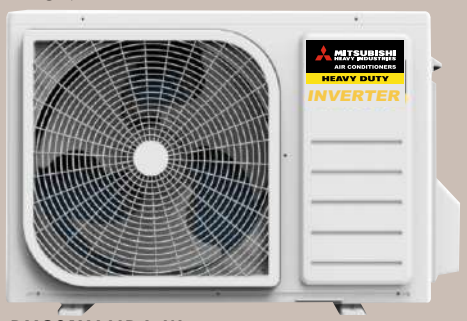
| | | | ECO SMART - HYPER INVERTER ( R32 ) - COOLING ONLY | |
|---|---|---|---|---|
| MODEL | Unit | | DXK21YAMDA-W | DXK27YAMDA-W |
| MODEL | Indoor Unit | | DXK21YAMDA-W | DXK27YAMDA-W |
| | Outdoor Unit | | DXC21YAMDA-W | DXC27YAMDA-W |
| Ton - Cooling Only | (minimum ~ maximum) | | 1.75 (0.35 Ton ~ 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 ) | | BTU/hr | 20813 | 26955 |
| Rated Cooling Capacity ( 50% Load ) | | BTU/hr | 10407 | 13477 |
| Maximum Cooling Capacity ** ( 120% Load ) | | Watts | 6890 | 8834 |
| Rated Cooling Capacity ( 100% Load ) | | Watts | 6100 | 7900 |
| Rated Cooling Capacity ( 50% Load ) | | Watts | 3050 | 3950 |
| Rated Power Consumption (100% Full Load) | | watts | 1755 | 2312 |
| Rated Power Consumption ( 50% Half Load) | | watts | 638 | 775 |
| Rated EER (100% Load ) | | W/w | 3.5 | 3.4 |
| Rated EER ( 50% Load ) | | W/w | 4.8 | 5.1 |
| Rated Indian Seasonal Energy Efficiency Ratio | | ISEER | 4.43 | 4.55 |
| Current ( minimum ~ maximum ) ** | | A | 8 | 10.5 |
| Dimension (H x W x D) | Indoor Unit | mm | 295 x 1000 x 230 | 330 x 1100 x 250 |
| | Outdoor Unit | mm | 645 x 810 x 301 | 752 x 910 x 330 |
| Weight ( Gross ) | Indoor Unit | Kgs | 14.0 | 16.5 |
| | Outdoor Unit | Kgs | 33.0 | 51.0 |
| Air Flow | Indoor Unit | CMH | 1200 | 1450 |
| Long Reach Airflow Upto | Indoor Unit | Meters | 16 | 19 |
| Self Diagnosis Function | Indoor Unit | | Yes | Yes |
| Sound Level (HI-P/H/M/L) | Indoor Unit | dB | 49 / 45 / 42 / 36 | 54 / 51 / 48 / 45 |
| 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 | 12.7 (1/2") | 15.88 (5/8") |
| 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 | 27.87 ~ 41.80 |

ANTI- CORROSIVE BLUE FINS COILS + BENDS



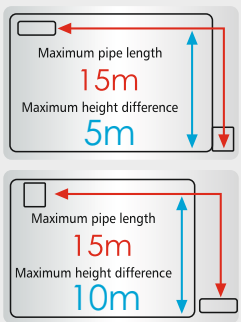



DXC27YAMDA-W




DXC21YAMDA-W

## Refrigerant Pipe Length




DXK21YAMDA-W / DXK27YAMDA-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**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