



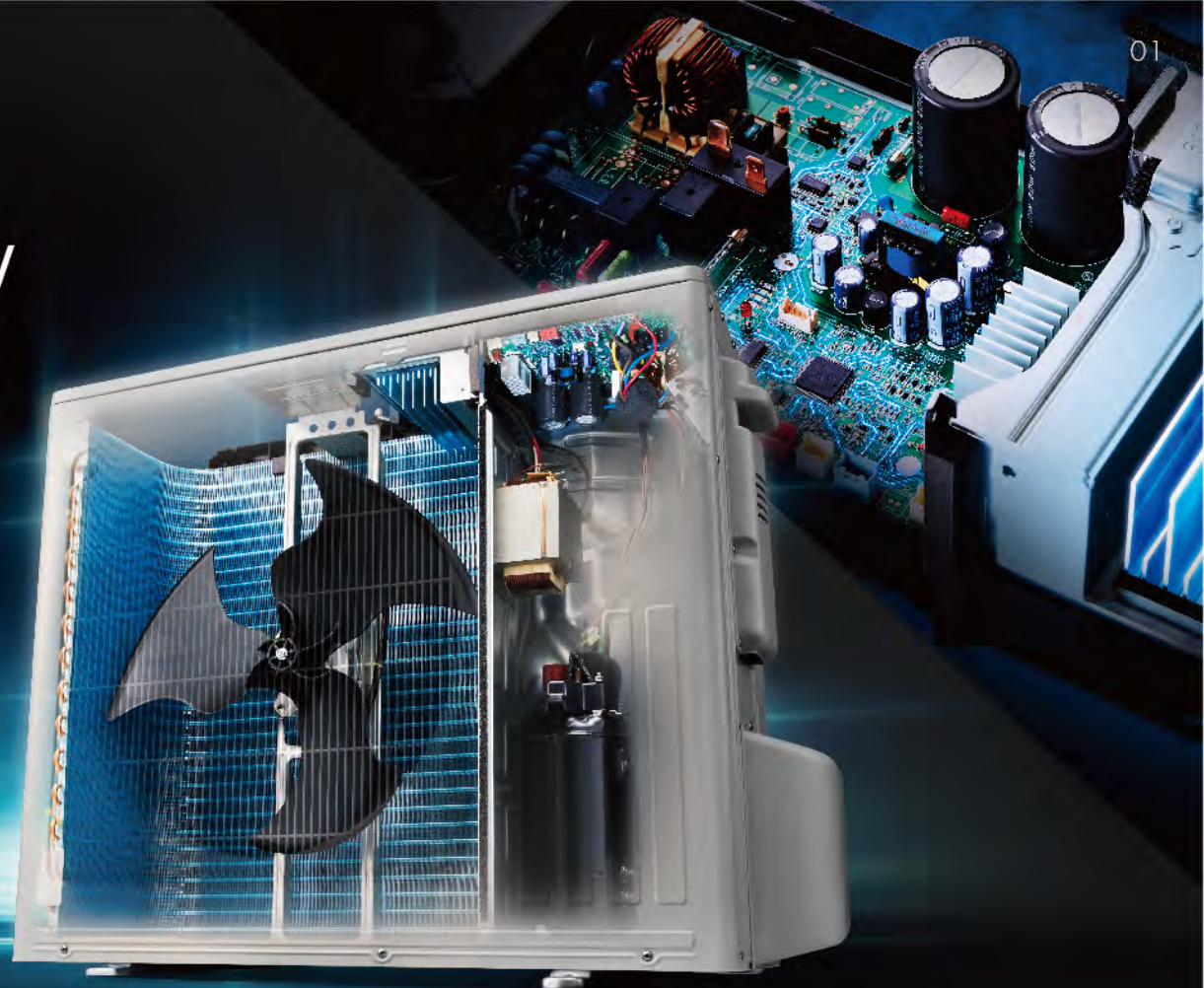
# GR Series



New luxurious and  
stylish design

# All MITSUBISHI ELECTRIC Inverter Technology

The GR Series features advanced inverters that utilize MITSUBISHI ELECTRIC's cutting edge technology, developed worldwide through many years of experience. We have achieved powerful cooling with high energy efficiency, to bring you optimal comfort.



## 01 MITSUBISHI ELECTRIC Inverter Power Module



The Inverter Power Module is the brain of the air conditioner. It minimizes power consumption by adjusting the frequency.

## 02 MITSUBISHI ELECTRIC Propeller Fan and DC Fan Motor

Propeller Fan



The newly designed propeller fan maximizes airflow efficiency. It delivers more air volume with less noise.

DC Fan Motor



A highly efficient DC fan motor drives the fan of the outdoor unit. Efficiency is much higher than an equivalent AC motor.

## 03 MITSUBISHI ELECTRIC Compressor

The compressor is the heart of the air conditioner. Employing MITSUBISHI ELECTRIC's own technology, we are able to achieve both high efficiency and high power.

Poki-Poki Motor



Dramatically enhanced motor efficiency utilizing original dense winding technology

Heat Caulking



The original heat caulking method minimizes cylinder distortion for even greater efficiency.



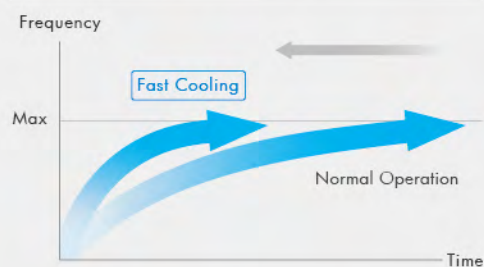
# Fast Cooling

Fast Cooling is the most essential desire in air conditioner.

MITSUBISHI ELECTRIC's Fast Cooling brings you fast refreshment in your life.

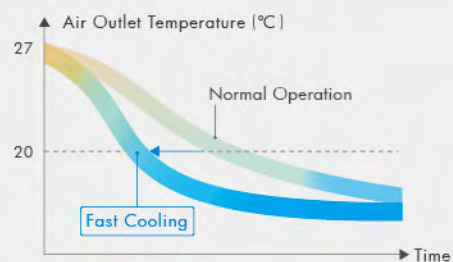


## 01 Compressor Frequency image



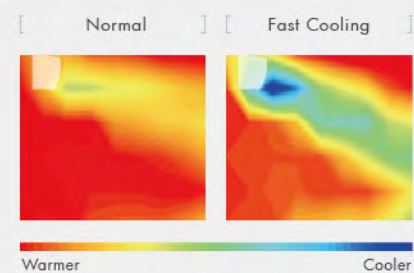
Pressing the Fast Cooling button makes the compressor reach its maximum frequency remarkably faster than in Normal Operation.

## 02 Air Outlet Temperature



Lowers the air outlet temperature faster than Inverter Normal Operation.

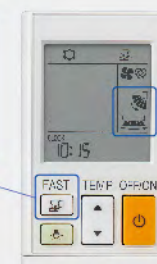
## 03 Thermography



Quickly cools the room with the highest-volume, and low-temperature airflow at 2 min. after operation.

## 04 Fast Cooling button

Once activated, this mode continues for 15 minutes.



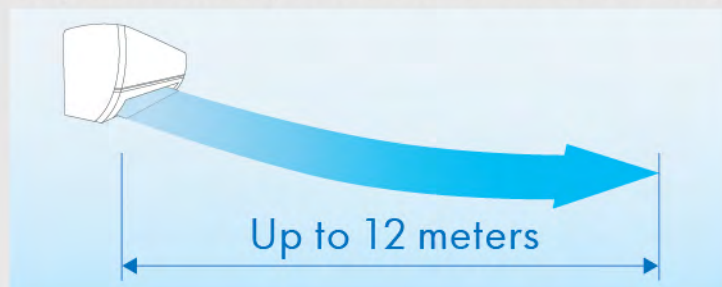
Fast Cooling mode starts immediately with the push of a button. According to preference, air direction can be changed freely.

## Long airflow

Delivers substantial and comfortable airflow



Projects air current up to 12 meters. Suitable even for living rooms.



### Model comparison

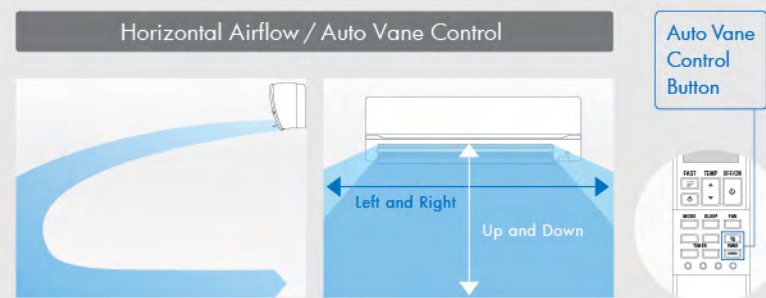
|                    |      |
|--------------------|------|
| ○ MSY-GR10/13/15VF | 8 m  |
| ○ MSY-GR18/22/26VF | 12 m |

\* It's available when air direction horizontal and fan speed S-Hi.



## Auto Vane Control Up and Down/Left and Right

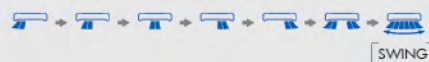
Auto vanes can be moved left and right, and up and down using the remote controller.



### Left & Right

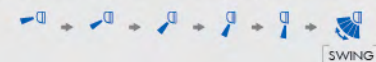
\* Not available for MSY-GR10/13/15VF

Auto vanes can be set at 6 position and swing.



### Up & Down

Auto vanes can be set at 5 positions and swing.



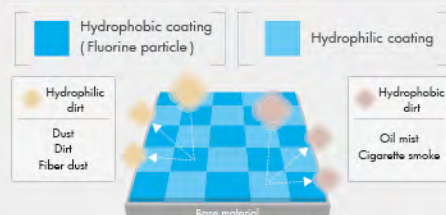


## Dual Barrier Coating

Dual Barrier Coating prevents dust and greasy dirt from getting into the air conditioner

State-of-the-art coating technology

Dual Barrier repels both types of dirt



Dirt is generally classified into two groups. Dual Barrier Coating works as a two barrier coating with blended "fluorine particles" that prevent hydrophilic dirt penetration and "hydrophilic particles" that prevent hydrophobic dirt.

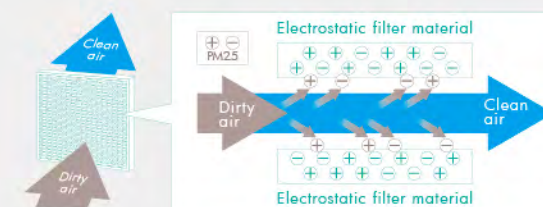
04



## Micro Particle Catching Filter (Optional) and High Density Filter (Optional)

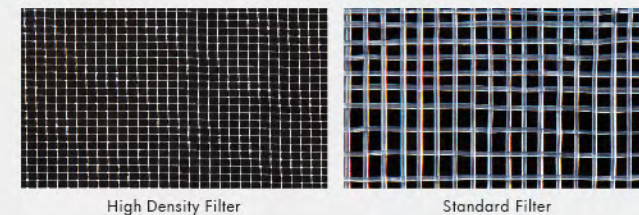
Effectively eliminate PM 2.5 and catch smaller dusts.

Effectively catches floating PM2.5 particles to maintain clean air in the room.



### Comparison of Density of filters

High Density Filter can prevent smaller dust from entering the inside of air conditioners.



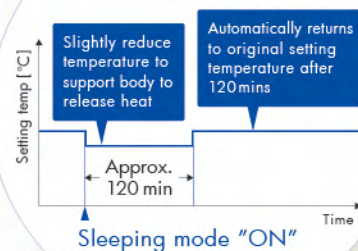
## Quiet Operation

The indoor unit level is as low as 18 dB (A) offering a peaceful indoor environment.

(Model GR10)



### Sleep Mode



## Aerodynamics Technology

Realizing the quietest room air conditioner, MITSUBISHI ELECTRIC have ever launched.

(Model GR10)

### Cross-Flow-Fan



Our unique Cross Flow Fan construction guides air smoothly along each rotating blade as it simultaneously takes in and expels air. This allows for highly efficient delivery of powerful and refreshing airflow.

MITSUBISHI ELECTRIC Air Conditioner  
Certificated By GUINNESS WORLD RECORDS®

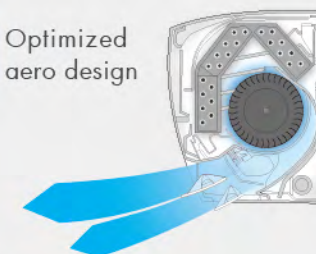


Longest running cross-flow-fan air conditioner brand 49 years and 258 days

\* This record was certificated on 27th June 2017

MITSUBISHI ELECTRIC Air Conditioner was officially awarded a GUINNESS WORLD RECORDS title, as the world's longest running cross-flow-fan air conditioner brand (known as "Kirigamine" in Japan)

### Optimized aero design



Optimized aero design utilizing 2 horizontal vanes and fixing suitable position of lower vane.



# New Remote Controller

New stylish and compact remote controller features easy-read big display and simple button position with fundamental functions.



LED Backlight with luminous button

Once the luminous backlight button is pressed, the setting can be easily checked in the dark.



Error code display

Error codes are displayed on the remote controller for trouble shooting.



\* For the details, please refer to the operating Instructions

Simple and intuitive buttons



A Remote Controller That Fits You

Its compact design creates the perfect fit for your hand.

# GR Series

## Indoor Unit

GR10/13/15



H280 x W838 x D229 (mm)

GR18/22/26



H325 x W1100 x D257 (mm)

## Remote Controller



## Outdoor Unit

GR10/13



H538 x W699 x D249 (mm)

GR15/18



H550 x W800 x D285 (mm)

GR 22



H714 x W800 x D285 (mm)

GR 26



H880 x W840 x D330 (mm)

# Functions and Features

Joint Lap  
DC MotorMagnetic Flux Vector  
Sine Wave DriveReluctant DC  
Rotary CompressorHeat Caulking  
Fixing MethodVector Wave  
Eco Inverter

PAM (Basic)

Anti-Mold  
filterHigh Density filter  
(Optional part)Micro Particle Catching  
Filter (Optional part)Electrostatic Anti-allergy  
Enzyme Filter (Optional part)

Dual Barrier Coating



Horizontal vane swing

Vertical  
vane swingAuto vane control  
(Left & Right, Up & Down)Double  
Horizontal vane

Auto Fan Speed Mode

Long Airflow  
\* GR18/22/26LED Back Light with  
Luminous buttonFast Cooling  
Mode

Sleep Mode

24-Hour On/Off  
programmable timer

Auto Restart

Error Code display on  
Remote ControllerBlue Fin for Outdoor condenser  
(Corrosion toughness)

# GR Series

| Type              |                                    |             | Cooling only                                                                      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|-------------------|------------------------------------|-------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Model name        | Indoor unit                        |             | MSY-GR10VF-DA1                                                                    | MSY-GR13VF-DA1                                                                      | MSY-GR15VF-DA1                                                                      | MSY-GR18VF-DA1                                                                      | MSY-GR22VF-DA1                                                                      | MSY-GR26VF-DA1                                                                      |
|                   | Outdoor unit                       |             | MUY-GR10VF-DA1                                                                    | MUY-GR13VF-DA1                                                                      | MUY-GR15VF-DA1                                                                      | MUY-GR18VF-DA1                                                                      | MUY-GR22VF-DA1                                                                      | MUY-GR26VF-DA1                                                                      |
| Refrigerant       |                                    |             | R32                                                                               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Power supply      | Source                             |             | Single phase230V, 50Hz                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|                   |                                    |             | Outdoor power supply                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| capacity          | Rated (Min-Max)                    | kW          | 2.8 (1.1-3.4)                                                                     | 3.7 (1.4-4.1)                                                                       | 4.2 (1.6-4.8)                                                                       | 5.2 (1.8-6.0)                                                                       | 6.6 (1.8-7.2)                                                                       | 7.6 (2.1-9.2)                                                                       |
|                   | TR                                 | TR          | 0.75                                                                              | 1.00                                                                                | 1.25                                                                                | 1.50                                                                                | 1.90                                                                                | 2.20                                                                                |
| Total Input       | Rated (Min-Max)                    | kW          | 0.76 (0.23-1.07)                                                                  | 1.01 (0.32-1.31)                                                                    | 1.18 (0.35-1.67)                                                                    | 1.36 (0.34-1.84)                                                                    | 1.72 (0.33-2.15)                                                                    | 2.09 (0.45-3.33)                                                                    |
| ISEER             |                                    |             | 5.00                                                                              | 5.02                                                                                | 5.01                                                                                | 5.00                                                                                | 5.00                                                                                | 4.80                                                                                |
| SPL               | Indoor unit (Silent-Lo-Med-Hi-SHi) | dB(A)       | 18-24-31-38-42                                                                    | 19-24-31-38-43                                                                      | 25-29-35-40-46                                                                      | 27-33-38-44-49                                                                      | 28-36-41-45-51                                                                      | 30-37-42-46-53                                                                      |
| Air Volume        | Indoor unit (Silent-Lo-Med-Hi-SHi) | CFM         | 141-187-254-335-403                                                               | 152-187-254-335-445                                                                 | 194-230-293-364-466                                                                 | 318-396-466-554-710                                                                 | 339-424-512-597-777                                                                 | 346-452-540-625-809                                                                 |
| Operating Current |                                    | A           | 3.8                                                                               | 4.8                                                                                 | 5.4                                                                                 | 6.2                                                                                 | 7.6                                                                                 | 9.2                                                                                 |
| Indoor unit       | Dimensions (H x W x D)             | mm          | 280*838*229                                                                       | 280*838*229                                                                         | 280*838*229                                                                         | 325*1100*257                                                                        | 325*1100*257                                                                        | 325*1100*257                                                                        |
|                   | Weight                             | kg          | 10                                                                                | 10                                                                                  | 10                                                                                  | 17                                                                                  | 17                                                                                  | 17                                                                                  |
| Outdoor unit      | Dimensions (H x W x D)             | mm          | 538*699*249                                                                       | 538*699*249                                                                         | 550*800*285                                                                         | 550*800*285                                                                         | 714*800*285                                                                         | 880*840*330                                                                         |
|                   | Weight                             | kg          | 21.5                                                                              | 24.5                                                                                | 30                                                                                  | 31.5                                                                                | 38                                                                                  | 48                                                                                  |
| Ext.Piping        | Diameter Liquid                    | mm (inches) | 6.35(1/4)                                                                         | 6.35(1/4)                                                                           | 6.35(1/4)                                                                           | 6.35(1/4)                                                                           | 6.35(1/4)                                                                           | 6.35(1/4)                                                                           |
|                   | Diameter Gas                       | mm (inches) | 9.52(3/8)                                                                         | 9.52(3/8)                                                                           | 9.52(3/8)                                                                           | 12.7(1/2)                                                                           | 15.88(5/8)                                                                          | 15.88(5/8)                                                                          |
|                   | Max.Length Out-In                  | m           | 20                                                                                | 20                                                                                  | 20                                                                                  | 20                                                                                  | 30                                                                                  | 30                                                                                  |
|                   | Max.Height Out-In                  | m           | 12                                                                                | 12                                                                                  | 12                                                                                  | 12                                                                                  | 15                                                                                  | 15                                                                                  |
| Star Rating       |                                    |             |  |  |  |  |  |  |

|                         |            |                  |                                                                                          |          |          |          |          |          |
|-------------------------|------------|------------------|------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|
| Pre filter              |            |                  | ANTI-MOLD                                                                                |          |          |          |          |          |
| Air cleaning filter     |            |                  | Electrostatic Anti Allergy Enzyme Filter(OPT), Microparticle catching filter(PM2.5)(OPT) |          |          |          |          |          |
| Timer                   |            |                  | 24h                                                                                      | 24h      | 24h      | 24h      | 24h      | 24h      |
| Vertical Swing          |            |                  | o                                                                                        | o        | o        | o        | o        | o        |
| Control wiring (Copper) | ODU to IDU | Core No. x Sq.mm | 4C x 1.0                                                                                 | 4C x 1.0 | 4C x 1.0 | 4C x 1.0 | 4C x 1.0 | 4C x 1.0 |
| Power cable (Copper)    | To ODU     | Core No. x Sq.mm | 3C x 1.0                                                                                 | 3C x 1.0 | 3C x 1.0 | 3C x 1.0 | 3C x 2.0 | 3C x 2.5 |
| ODU Breaker Size        | To ODU     | A                | 10                                                                                       | 10       | 10       | 10       | 16       | 20       |

# Mitsubishi Electric MEQ quality



What is MITSUBISHI ELECTRIC Quality? MEQ represents our dedication to excellence in developing and manufacturing exceptional, eco-friendly home appliances, amazing industrial products, reliable public infrastructure systems and inspiring space technologies, which are truly out of this world. And there's so much more. When you see the MEQ logo, you know something good is being created.

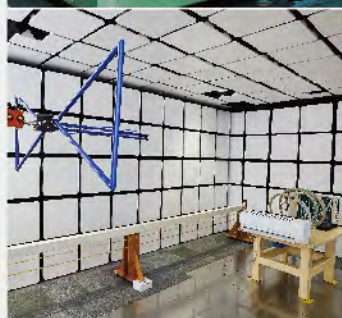


## Development

Taking into account the various harsh environments around the world, at MITSUBISHI ELECTRIC we have established uniquely strict quality control standards and various quality evaluation tests for our products.



Dropping Test



Electromagnetic Compatibility Test



Salt Spray Test



Anechoic Chamber Noise Test

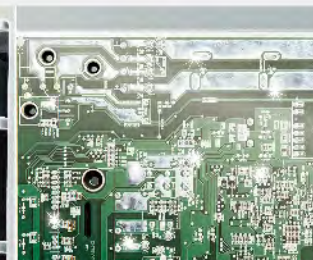
## Design

In order to ensure our customers mind and for a long time, we select invest great care when designing

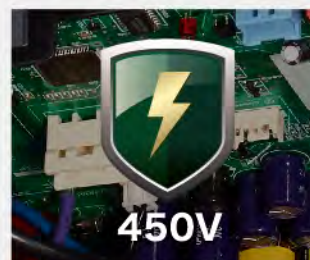
can use our products with peace of high-quality durable parts, and and assembling our products.



Ensure its reliable operation and preventing fire accident in case of short circuit.



Special coating prevents any damages from humidity and insects



MITSUBISHI ELECTRIC PCB can resist high voltage up to 450V.



MITSUBISHI ELECTRIC Inverter can be smoothly operated even in 198V ~ 264V.



A special coating is applied to the heat exchanger to increase corrosion toughness.



Anti-rust painting and galvanized steel protect cabinet even under harsh environment.

## Production

MITSUBISHI ELECTRIC makes full use of advanced production technology to efficiently produce top quality products. All of our products are inspected by experienced professionals.



## MITSUBISHI ELECTRIC INDIA PVT. LTD.

HEAD OFFICE: 2nd Floor, Tower A & B, DLF Cyber Greens, DLF Cyber City, DLF Phase 3, Gurgaon - 122002 (Haryana)  
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Customer Care Toll Free No - 1800 102 2626

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Bhubaneswar - 09073949597 Coimbatore - 0422-4385606; Chandigarh - 0172-4601645;

Chennai - 044-49232222; Delhi - 011-65057900; Ghaziabad - 0120-4093681; Hyderabad - 040-43438888;

Indore - 0731-4098991; Jaipur - 0141-4011109; Kolkata - 09038050952; Kochi - 0484-4862093;

Lucknow - 0522-4002607; Ludhiana - 0161-4061654; Mumbai - 022-66116200; Nagpur - 0712-2284020;

Pune - 09922441773; Rajkot - 09586605009; Surat - 0261-4003111; Vijaywada - 08498894567.

SATELLITE OFFICES: Agra - 09536900140; Amritsar - 09780021037; Aurangabad - 09926347222;

Bhopal - 08448397998; Bhatinda - 099155766101; Dehradun - 09627829829; Goa - 09167113443;

Hubli - 0844-8398010; Kanpur - 07755007767; Patna - 09073949596; Raipur - 08448397997;

Ranchi - 0973949598; Trichy - 09205599022; Varanasi - 09559302666; Vizag - 09205987308

Collection & disposal process of E-waste under the new guidelines of E-waste (Management) Rules 2016. To facilitate & ease our Customers to dispose off Company e-waste product, Customer can get all details of company process on collection, disposal of e-waste product (i.e. 'Mitsubishi Electric' make Air Conditioner) and incentive/exchange schemes for returning of e-waste on Company website ([www.mitsubishielectric.in](http://www.mitsubishielectric.in)) and / or Toll free number 1800 102 2626. Kindly take note of the symbol below which connotes that you should not dump any of the electrical and electronic equipment including air-conditioners in garbage bins, neither should you dispose off the same through any scrap dealers.  
For more details on e-waste, please visit company website [www.mitsubishielectric.in](http://www.mitsubishielectric.in)



- Head Office
- Branch Offices
- ▲ Satellite Office
- \* Technical Centres
- # Sales Office

 **MITSUBISHI  
ELECTRIC**  
AIR CONDITIONERS