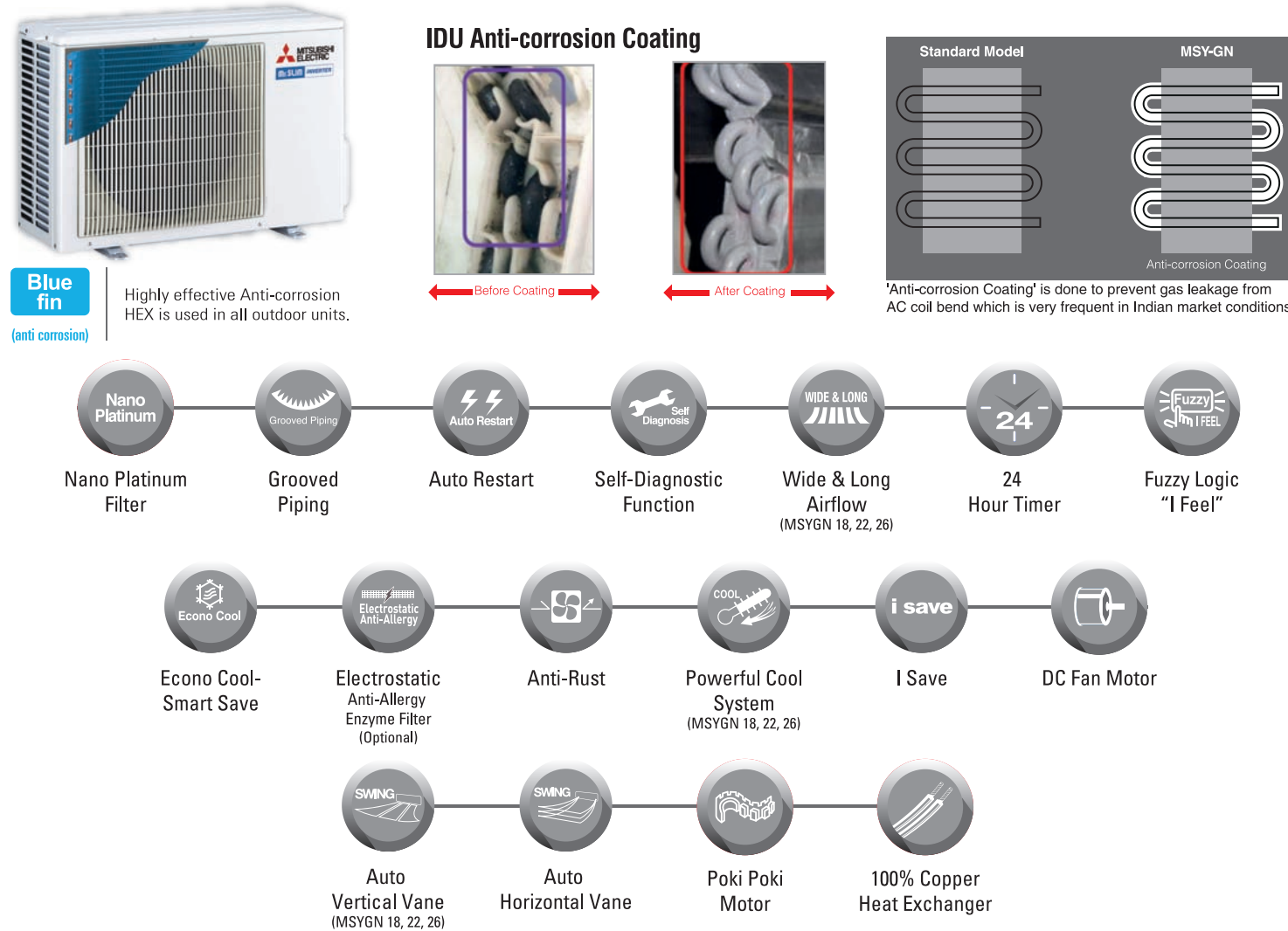


OUR TECHNOLOGY



MSY / MUY - GN Series



SPECIFICATIONS

MSY-GN Series

Type	Indoor unit	MSY-GN10VF	MSY-GN13VF	MSY-GN15VF	MSY-GN18VF	MSY-GN22VF	MSY-GN26VF
Model name	Outdoor unit	MUY-GN10VF	MUY-GN13VF	MUY-GN15VF	MUY-GN18VF	MUY-GN22VF	MUY-GN26VF
Refrigerant	R32						
Power supply	Source	Single phase, 230V, 50Hz					
		Outdoor power supply					
Capacity	Rated*	kW	2.8	3.7	4.2	5.2	6.6
	(Min.-Max)	kW	(1.1 - 3.4)	(1.1 - 4.1)	(0.9 - 4.8)	(1.5 - 6.0)	(1.5 - 7.2)
	TR		0.75	1.00	1.25	1.50	2.20
Total Input	Rated*	kW	0.76	1.00	1.16	1.43	1.83
	ISEER		4.85	4.81	4.74	4.58	4.65
	ISEER		4.81	4.74	4.58	4.49	4.79
SPL	Indoor unit (Silent-Le-Med-Hi-SH)	dB(A)	19-24-31-38-44	19-24-31-38-44	19-24-31-38-44	26-29-35-40-46	28-33-38-44-49
	Indoor unit (Silent-Le-Med-Hi-SH)	CFM	145-184-235-327-406	145-184-235-327-406	160-214-285-363-459	303-379-430-522-603	240-322-430-522-603
Air Volume	Indoor unit (Silent-Le-Med-Hi-SH)	A	3.8	4.8	5.4	6.6	8.8
Operating Current	Indoor unit	Dimensions (H x W x D)	mm	290 x 799 x 232	290 x 799 x 232	305 x 923 x 250	305 x 923 x 250
	Weight	kg	9	9.5	9.5	12.5	15
	Breaker Size (MCB required)	A	550*800*285	550*800*285	550*800*285	550*800*285	714*800*285
	Dimensions (H x W x D)	mm	550*800*285	550*800*285	550*800*285	550*800*285	880*840*330
	Weight	kg	32	32	32	37	48.5
	Breaker Size (MCB required)	A	10	10	10	16	20
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)
	Diameter Gas	mm (inches)	9.52(3/8)	9.52(3/8)	9.52(3/8)	12.7(1/2)	12.7(1/2)
	Max.Length Out-In	m	20	20	20	30	30
	Max.Height Out-In	m	12	12	12	15	15
Star Rating			★	★	★	★	★
Pre filter	NANO PLATINUM						
Air cleaning filter	ELECTROSTATIC ANTI-ALLERGY ENZYME FILTER (Option)						
Timer			24hr	24hr	24hr	24hr	24hr
Vertical Swing			-	-	-	-	-
Wide and Long Control wiring (Copper)			-	-	-	-	-
Power cable (Copper)	To ODU	Sq.mm	3C x 1.0	3C x 1.0	3C x 1.0	3C x 1.0	3C x 2.5
ODU Breaker Size	To ODU	AMP	10	10	10	16	20

*Note: Condition I Indoor 27°C DB/ 19°C WB I Outdoor 35°C DB I Indoor-outdoor piping length: 5m

MITSUBISHI ELECTRIC INDIA PVT. LTD.

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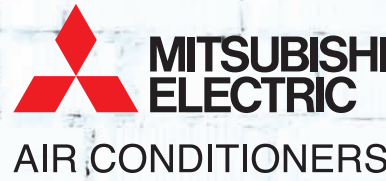


"For E-waste Collection & Disposal process: Customer can get complete details of company process on collection, disposal of e-waste product (i.e. 'Mitsubishi Electric' make Air Conditioner / Printers) and incentive / exchange scheme for returning of e-waste on **Company website (www.mitsubishielectric.in)** and / or **Toll free number 1800 102 2626**.



AIR CONDITIONERS

New Publication effective from May, 2017
Specifications subject to change without notice.



Changes for the Better



COMFORT WITH PROTECTION



Dual Barrier Coating



for a greener tomorrow



MITSUBISHI ELECTRIC'S GUINNESS WORLD RECORD



Inverter Technology

Mitsubishi Electric inverters ensure superior performance, including the optimum control of operational frequency. As a result, optimum power is applied in all cooling / heating ranges and maximum comfort is achieved while consuming minimal energy. Fast, comfortable operation at an amazingly low running cost - that's the Mitsubishi Electric promise.

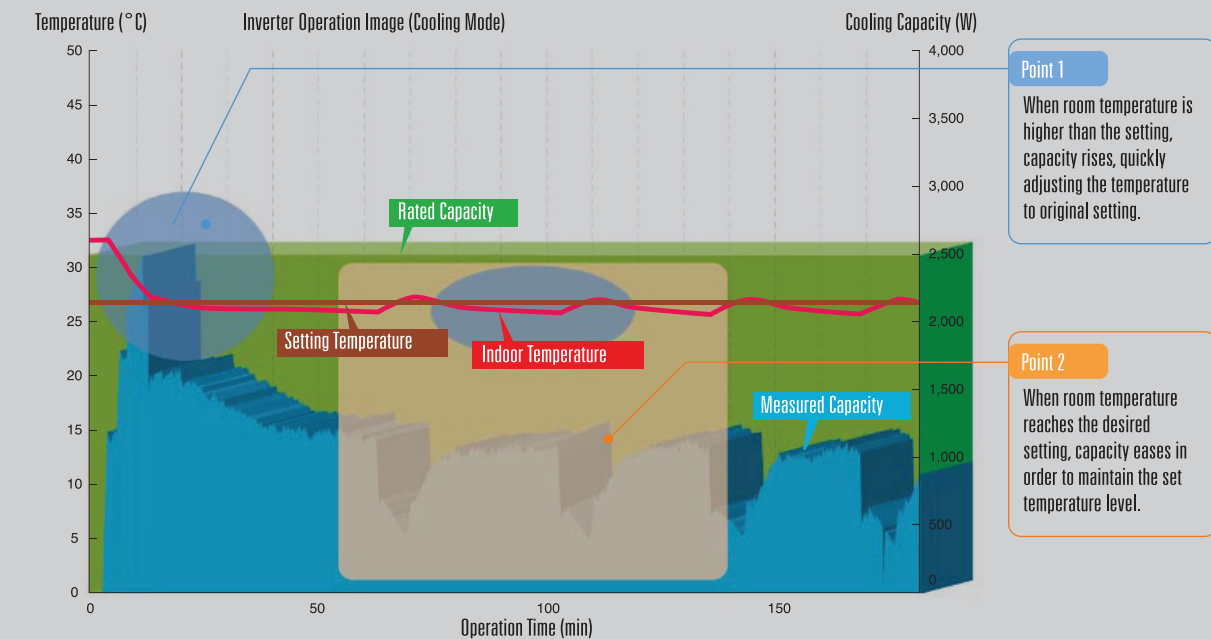
Inverters - How They Work

Inverters electronically control the electricity voltage, current and frequency of electronic devices, such as the compressor motor in the air conditioner. They receive information from sense-monitoring operation conditions and adjust the revolution speed of the compressor, which directly regulates the air conditioner output. Optimum control of operation frequency results in eliminating the consumption of excessive electricity and providing the most comfortable room environment.

Advanced Inverter Control - Efficient Operation All The Time

Mitsubishi Electric's cutting-edge inverter technology is crafted to provide automatic adjustment of operation load according to need. This reduces excessive consumption of electricity and thereby achieves an Energy Rank 'A' rating for 25 - 35 classes and 'A+' for 50 classes in accordance with the latest European energy label standards.

TRUE COMFORT COMPARISON OF AIR CONDITIONER OPERATION CONTROL WITH AND WITHOUT INVERTER.



Quick And Powerful

Increasing the compressor motor speed by controlling the operational frequency ensures a powerful output on start-up. It brings the room temperature to a comfortable level faster than units unequipped with an inverter. Hot rooms are cooled, and cold rooms are heated faster and more efficiently.

Room Temperature Maintained

The compressor motor operating frequency and the change in room temperature is monitored to calculate the most efficient waveform to maintain a comfortable room temperature. This eliminates the large temperature swings, common with non-inverter systems and guarantees a pleasant, comfortable environment.

923 mm



Dual Barrier Coating

✓ Reduce the attachment of "dust" and "oil" mist

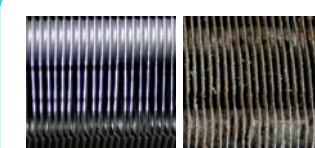
Coating on the parts inside our Air Conditioners

• Heat Exchanger • Line flow fan • Air duct

- ✓ Help the unit working at full performance
- ✓ Reduce dirt which is the cause of bad smell
- ✓ With less dirt, the necessity of cleaning the air-conditioner is also less



Heat Exchanger



Line flow fan



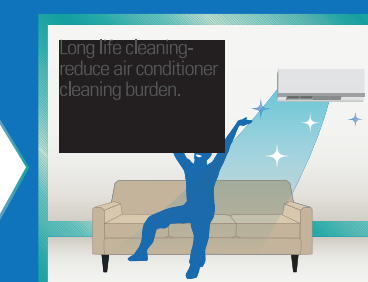
Air duct



Reduce dust attachment: Full performance of cooling capacity

New technology from Mitsubishi Electric Mr. Slim which is invented to protect the air conditioner in order to be able to operate efficiently. With the special qualification of coating material which help to reduce the attachment of dust and oil mist which are mixed in the air that reduce the cause of odour and air conditioner cleaning burden.

If the inside of your air conditioner gets dirty.



New refrigerant which is environmental Friendly

Technology for air con and for green world for everyone. New refrigerant which do not destroy ozone and reduce green affect.

Mr.SLIM

INVERTER

OPERATION
E.O.S.W

MSY-GN 18/22 VF

305 mm