



**MITSUBISHI
HEAVY INDUSTRIES**

AIR CONDITIONERS

HEAVY DUTY

**HYPER
INVERTER**

Cassette | Ductable
Cooling Only

**Next
Generation
High
Performance
Airconditioning**



Country of Origin : Thailand

HYPER INVERTER Cassette Cooling Only

4 Way

Futuristic
Design
Comfort
Control!



REMOTE CONTROL

Wireless (Standard)



LA-T-5BW-E/1 RCN-E2B/1

Wired (Optional)



RC-E5



RCH-E3



RC-EX3A

ECONOMY



Energy Saving



Self Diagnostics

COMFORT



Automatic Operation



Sleep Timer



Motion sensor (optional)



Filter Clean Indicator

AIRFLOW



Automatic Fan



Outside Air Intake



Vertical Auto Swing

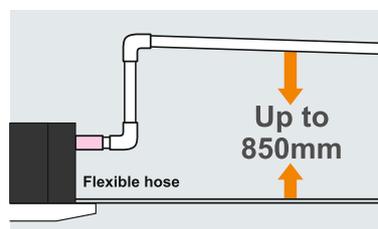


Draft Prevention (optional)

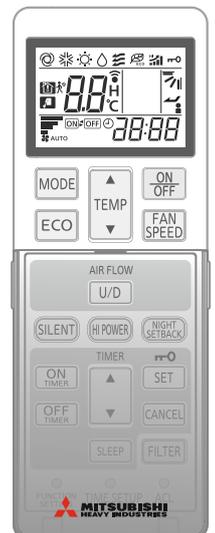


Individual Flap Control (Wired Remote)

850mm Drain Pump



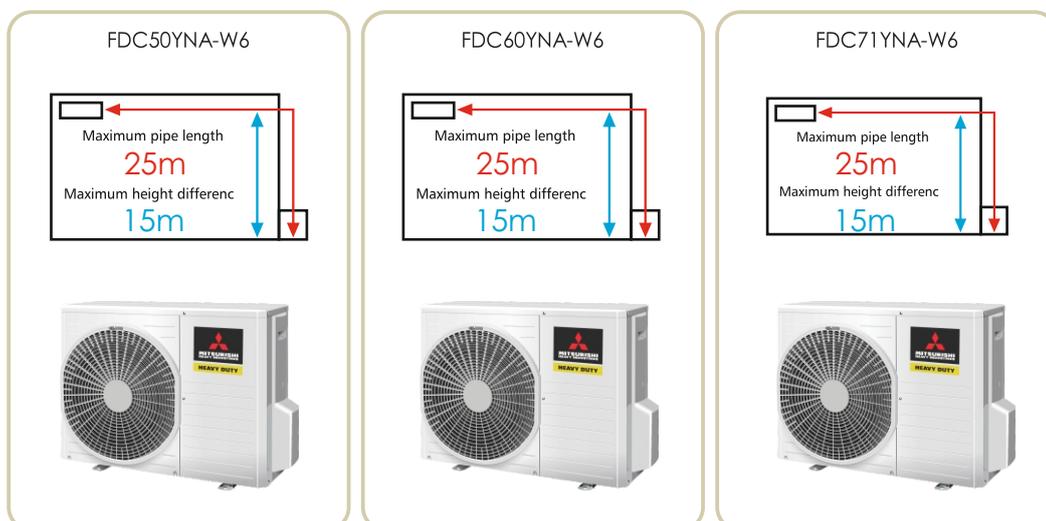
RCN-E2B/1
Standard



SPECIFICATIONS

SPECIFICATIONS		ECO SMART - HYPER INVERTER CASSETTE AC - COOLING ONLY (R32)		
Model		FDT50YA-W6	FDT60YA-W6	FDT71YA-W6
Unit	Indoor Unit	FDT50YA-W6	FDT60YA-W6	FDT71YA-W6
	Outdoor Unit	FDC50YNA-W6	FDC60YNA-W6	FDC71YNA-W6
Ton - Cooling Only	(minimum ~ maximum)	1.5 Ton (0.45 Ton ~ 1.62 Ton)	1.73 Ton (0.45 Ton ~ 1.85 Ton)	2.1 (0.37Ton ~ 2.2Ton)
Super Tropical Compressor Type		Rotary	Rotary	Twin Rotary
VFD - Variable Frequency Drive		Inverter Vector Control Technology for Higher Efficiency		
Minimum Compressor RPM		15 ~ 30 RPM - Using Vector Control Technology		Inverter Vector Control Technology for Higher Efficiency
Refrigerant Volume Control Using		Motorized Electronic Expansion Valve for Variable Refrigerant Flow		15 ~ 30 RPM - Using Vector Control Technology Motorized Electronic Expansion Valve for Variable Refrigerant Flow
LCD Remote Control (iPM Controller)		iPM (Intelligent Power Module)		iPM (Intelligent Power Module)
Power Source		1 Phase, 220 / 230 V, 50 Hz		
Maximum Cooling Capacity **	BTU/hr	19448	22178	26272
Rated Cooling Capacity		18084	20813	24822
Maximum Cooling Capacity **	Watts	5700	6500	7700
Rated Cooling Capacity		5300	6100	7275
Rated Power Consumption	watts	1380	1720	1985
Rated EER	W/w	3.84	3.55	3.7
Current (minimum ~ maximum) **	A	0.8 ~ 6.3	1.0 ~ 7.9	1.0 ~ 9.1
Input Power ** (Minimum - Maximum)	watts	175 ~ 1380	220 ~ 1720	250 ~ 1985
Air flow (P-Hi)	Indoor Unit	CMH	1320	1710
Long Reach Airflow Upto	Indoor Unit	Meter	4.57	4.57
Sound Level (H/M/L)	Indoor Unit	dB(A)	41 / 33 / 30 / 26	45 / 34/ 30 /27
Louver Swing	Indoor Unit		Yes (Individual Flap Control System Possible in Wired Controller)	
Remote Control	Indoor Unit		Standard - Wireless Remote Controller Included / Wired Controller Optional	
Self Diagnosis Function	Indoor Unit		Yes	
Filter	Indoor Unit		Anti- Bacterial	
Fan	Indoor Unit		Super Turbo Fan	
DC Fan Motor Speed	Indoor Unit		Powerful - High / High / Medium / Low / Dry	
External Static Pressure E.S.P. (Pascal)#	Indoor Unit	Pa	Not Applicable	
Dimension (H x W x D)	Indoor Unit	mm	Unit : 236 x 840 x 840 Panel : 35 x 950 x 950	
	Outdoor Unit		595 x 780 (+62) x 290	595 x 780 (+62) x 290
Weight	Indoor Unit	Kgs	24.0 (Unit:19 Panel:5.0)	24.0kgs showing in Technical Specs & Catalog Showing 26kgs 26.0 (Unit:21 Panel:5.0)
	Outdoor Unit	Kgs	32	37
Refrigerant		mm /	R32	
Refrigerant Piping	Liquid	inch	6.35 (1/4")	
	Gas	mm / inch	12.7 (1/2")	
Precharged Refrigerant		Kgs	0.83Kgs (for piping length upto 15mtrs)	
Charging requirement per mtrs		grams	25 grams (Above 15mtrs upto 30 mtrs) - Check with Service Engg.	
Maximum Piping Length		Mtrs	25 mtrs / 82 feet	
Vertical Height Difference		Mtrs	Outdoor- Higher = 15 mtrs / Lower = 15 mtrs	Outdoor- Higher = 20 mtrs / Lower = 20 mtrs
Main Power Supply to	Outdoor Unit		2.5 mm2 x 3 cores (including earthing)	2.5 mm2 x 3 cores (including earthing)
Connecting wiring	B/w IDU & ODU		2.5 mm2 x 4 cores (including earthing)	
Area Coverage ***		Sq.Meter	15.97 ~ 18.58	18.58 ~ 22.50
				18.58 ~ 25.54

REFRIGERANT PIPE LENGTH



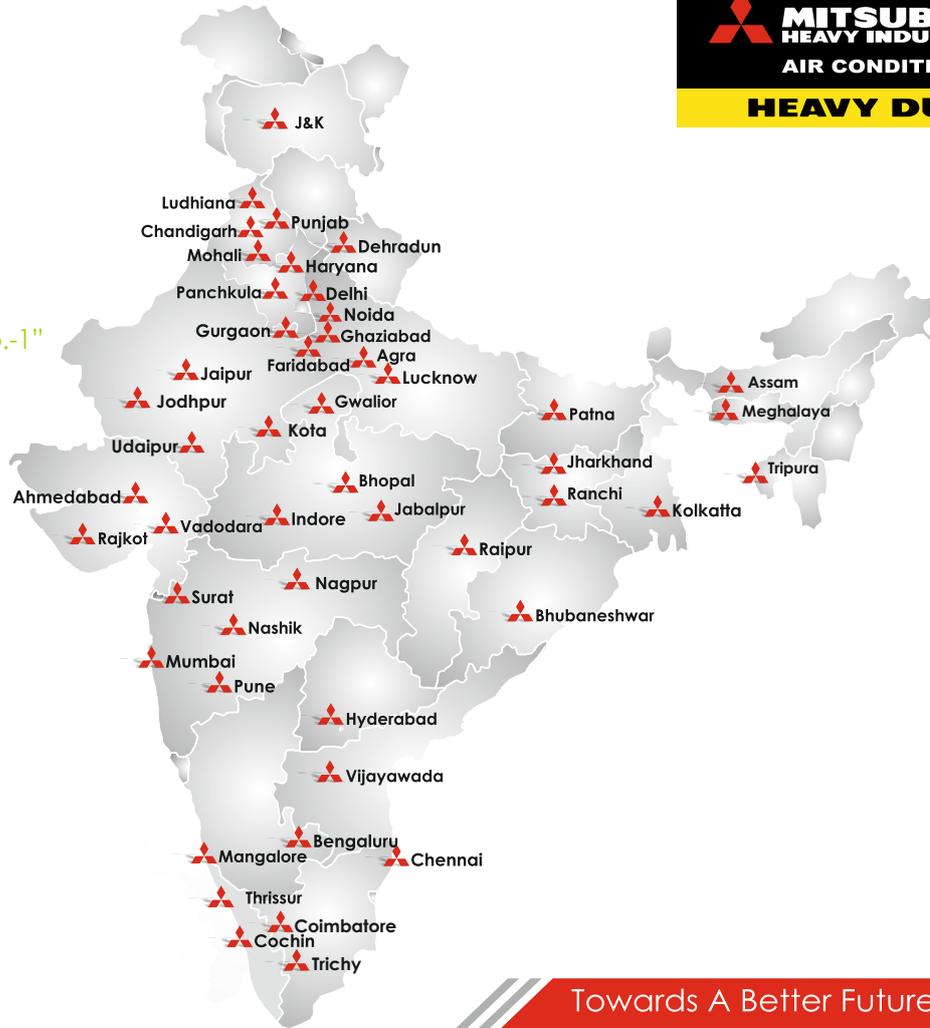
** Under Standard Installation & Lab Test Condition

*** Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air-conditioned and please take expert advise before selecting / installing the airconditioners

Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without any prior notice



Our Motto
"Customer Satisfaction Index No.-1"



Towards A Better Future Together

PRECAUTIONS

Always get the Mitsubishi Heavy Ind. Airconditioners installed by Authorized Mitsubishi Heavy Ind. Sales & Service Channel Partners only. Do not try to install the AC either by yourself or any unauthorized dealer. Improper installation can result into non performance, low cooling, refrigerant leakage, electrical shocks. Warranty of the product shall be null & void, if not installed by an authorized Mitsubishi Heavy Ind. Sales & Service Channel Partner. In no case it will be company's responsibility if the AC unit is installed by an unauthorized dealer, is unable to perform. Warranty of the AC unit component shall be null & void if non specified/non genuine spares are used or repaired by an unauthorized dealer. Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without notice. In case of any adverse area to be conditioned, if it is not verified by the company/dealer engineer and selection of the AC unit is made by the customer based on the specifications without taking any prior advice, then company will not be responsible for any variance in the performance of the AC unit installed.

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(Wholly-owned subsidiary of MITSUBISHI HEAVY INDUSTRIES, LTD.)



Our factories are ISO9001 and ISO14001 certified.



BIVALIMA PLANT
Mitsubishi Heavy Industries, Ltd.
Air Conditioning & Refrigeration Systems Headquarters
Certificate number: JSA 0378

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MITSUBISHI HEAVY INDUSTRIES
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