AKABISHI™
赤菱

Calibrated
Power House









Cassette
Air Conditioner



Medium Static Ductable
Air Conditioner

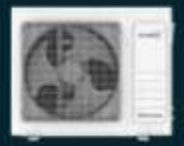


High Static Ductable
Air Conditioner



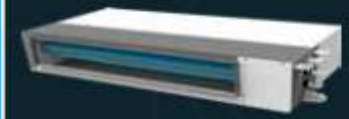
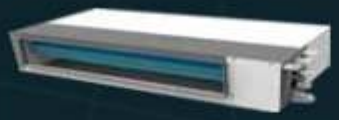
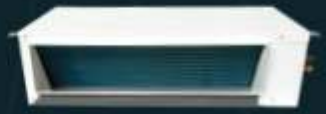
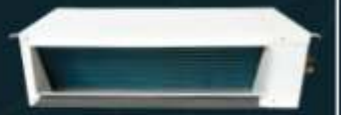
Tower
Air Conditioner

AKABISHI CASSETTE TYPE

 **Ceiling Cassette** (Inverter)	 CFAY-HE18VG	 CFAY-HE24VG	 CFAY-HE36VG
Outdoor Unit **(Inverter)**			
 **Ceiling Cassette** (Non-Inverter)	 CFAM-18EV3G	 CFAM-24EV3G	 CFAM-AE36VG
Outdoor Unit **(Non - Inverter)**			

*The actual images of the products may vary.

DUCTABLE AIR CONDITIONER TYPE

	**Slim & Mid static Ductable Fixed speed** (Non -Inverter)	 NADMAM-18AVG	 NADMAM-24AVG	 NADMAM-36AVG	 NADMAM-48AVG
Outdoor Unit		 NADMBM-18AVG	 NADMBM-24AVG	 NADMBM-36AVG	 NADMBM-48AVG
	**High Static Ductable** (Non-Inverter)	 NADHAM-66AVR	 NADHAM-102AVR	 NADHAM-132AVR	
Outdoor Unit		 NADMBM-18AVG	 NADHBM-102APR	 NADHBM-132APR	

*The actual images of the products may vary.

SUPERIOR COOLING PERFECTION WITH OUR HIGH-END DESIGN!

The Design is characterized by its compactness, modernity and flat panel layout.



Powerful Airflow



360° Comfortable Airflow



Wide Flap



LED Back Light



Power Saver Compressor



Blue Fin



Programmable Timer



100% Copper



Auto Swing



CASSETTE - INVERTER SPECIFICATION

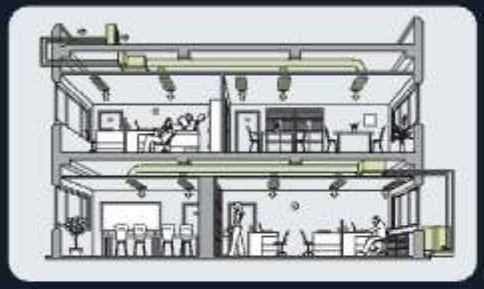
Inverter Cassette							
Tonnage			TR	1.5	2.0	3.0
Cooling Capacity Rated (Min-Max)			kW	5.45	6.20	10.60
Total input			kW	1.54	1.74	3.40
ISEER			W/W	4.60	4.60	3.75
Indoor unit	Model name			CFAY-HE18VG	CFAY-HE24VG	CFAY-HE36VG
	Power supply			1Phase 50Hz 230V		
	External finish			Matt Finish White Color		
	Airflow (low-med-high-Turbo)		CFM	637-692-745-866	689-746-801-930	945-1042-1140-1240
	External static pressure		Pa	0 (Direct Blow)		
	Operation control and thermostat			Cordless Remote Control		
	Noise level (low-med-high-Turbo)		dBA	41-42-44	41-43-45	48-50-52
	Unit drain pipe		mm	45		
	Dimensions	W	mm	845	845	845
		D	mm	845	845	845
		H	mm	245	245	290
	Weight		Kg	23	24	26
Outdoor unit	Model name			CFBY-HE18VG	CFBY-HE24VG	CFBY-HE36VG
	Power supply			1Phase 50Hz 230V		
	External finish			Pale white		
	Refrigerant (R-32) control			Capillary		
	Noise level		dBA	57	58	60
	Dimensions	W	mm	781	781	850
		D	mm	281	281	310
		H	mm	555	555	684
	Weight		Kg	26.5	28	42
	Maximum Elevation		m	15m		
	Maximum Length		m	25m		30m
	Pipe size	Liquid	mm	6.35	6.35	9.52
		Gas	mm	12.7	15.8	15.8
BEE Star Rating				3 Star		
Operating Range	Upper limit (CDB)			48		
	Lower limit (CDB)			16		

CASSETTE - NON INVERTER SPECIFICATION

Fixed Speed Cassette							
Tonnage			TR	1.5	2.0	3.0
Cooling Capacity Rated (Min-Max)			kW	5.10	6.20	10.60
Total input			kW	1.33	1.61	3.20
ISEER			W/W	3.85	3.85	3.31
Indoor unit	Model name			CFAM-18EV3G	CFAM-18EV3G	CFAM-AE36VG
	Power supply			1Phase 50Hz 230V		
	External finish			Matt Finish White Color		
	Airflow (low-med-high-Turbo)		CFM	660-710-742-795	659-724-783-853	836-928-1030-1330
	External static pressure		Pa	0 (Direct Blow)		
	Operation control and thermostat			Cordless Remote Control		
	Noise level (low-med-high-Turbo)		dBA	43-44-46	43-44-47	39-41-43-49
	Unit drain pipe		mm	45		
	Dimensions	W	mm	845	845	845
		D	mm	845	845	845
		H	mm	245	245	290
	Weight		Kg	23	24	26
Outdoor unit	Model name			CFBM-18EV3G	CFBM-24EV3G	CFBM-AE36VG
	Power supply			1Phase 50Hz 230V		
	External finish			Pale white		
	Refrigerant (R-32) control			Capillary		
	Noise level		dBA	55	60	62
	Dimensions	W	mm	810	850	928
		D	mm	301	310	328
		H	mm	594	684	755
	Weight		Kg	38.50	44.00	58.0
	Maximum Elevation		m	15m		
	Maximum Length		m	25m	25m	30m
	Pipe size	Liquid	mm	6.35	6.35	9.52
		Gas	mm	12.7	15.8	15.8
BEE Star Rating				2 Star		
Operating Range	Upper limit (CDB)			48		
	Lower limit (CDB)			16		

DUCTABLE AIR CONDITIONER

The Breath of Fresh Comfort!



Flexible Duct Design



Remote

*Subject to availability



- Self-diagnostic Function
- Anti-rust
- Auto Restart
- Timer
- 100% Copper
- Air Filter
- Sleep Mode

SLIM & MID STATIC DUCTABLE FIXED SPEED

Fixed Speed Slim & Mid Static Ductable								
Tonnage			TR	1.5	2.0	3.0	4.0
Cooling Capacity Rated (Min-Max)			kW	5.05	6.50	10.60	13.20
Total input			kW	1.49	1.87	3.61	5.05
Indoor unit	Model name			NADMAM-18AVG	NADMAM-24AVG	NADMAM-36AVG	NADMAM-48AVG
	Power supply			1Phase 50Hz 230V			
	External finish			Pale White			
	Airflow (low-med-high-Turbo)		CFM	506	571	1177	1177
	External static pressure		Pa	<10>		<20>	
	Operation control and thermostat			Corded Remote Controller			
	Noise level (low-med-high-Turbo)		dBA	48	48.5	53	55
	Unit drain pipe		mm	27			
	Dimensions	W	mm	955	1155	1218	1218
		D	mm	455	455	629	629
		H	mm	200	200	315	315
	Weight		Kg	23	25.6	40	40
Outdoor unit	Model name			NADMBM-18AVG	NADMBM-24AVG	NADMBM-36AVG	NADMBM-48APG
	Power supply			1Phase - 50Hz 230V			
	External finish			Pale white			
	Refrigerant (R-32) control			Capillary			
	Noise level		dBA	55	60	68	69
	Dimensions	W	mm	780	810	987	1030
		D	mm	241	301	382	380
		H	mm	557	594	752	788
	Weight		Kg	38.5	44	58	80
	Maximum Elevation		m	15m			
	Maximum Length		m	25m		30m	
	Pipe size	Liquid	mm	6.35	6.35	9.52	9.52
		Gas	mm	12.7	15.8	15.8	15.8
BEE Star Rating				Not Applicable			
Operating Range	Upper limit (CDB)			48			
	Lower limit (CDB)			16			

HIGH STATIC DUCTABLE
- NON INVERTER SPECIFICATION

Fixed Speed Hi Static Ductable						
Tonnage			TR	5.5	8.5	11
Cooling Capacity Rated (Min-Max)			kW	19.34	29.90	37.70
Total input			kW	7.90	12.30	15.88
Indoor unit	Model name			NADHAM-66AVR	NADHAM-102AVR	NADHAM-132AVR
	Power supply			1Phase 50Hz 230V		
	External finish			Pale White		
	Airflow (low-med-high-Turbo)		CFM	2119	3943	4061
	External static pressure		Pa	<30>		<40>
	Operation control and thermostat			Wired Remote Controller		
	Noise level (low-med-high-Turbo)		dBA	78	80	79
	Unit drain pipe		mm	27		
	Dimensions	W	mm	1180	1660	1820
		D	mm	600	650	660
		H	mm	460	450	465
	Weight		Kg	58	95	105
Outdoor unit	Model name			NADHBM-66APR	NADHBM-102APR	NADHBM-132APR
	Power supply			3Phase - 50Hz 380-415V		
	External finish			Pale white		
	Refrigerant (410A) control			TXV		
	Noise level		dBA	75	80	75
	Dimensions	W	mm	1090	1200	1546
		D	mm	480	546	969
		H	mm	870	913	916
	Weight		Kg	105	130	185
	Maximum Elevation		m	20m		
	Maximum Length		m	50m		
	Pipe size	Liquid	mm	9.52	12.7	12.7
		Gas	mm	22.22	29.57	29.57
BEE Star Rating				Not Applicable		
Operating Range	Upper limit (CDB)			48		
	Lower limit (CDB)			18		

OUTSTANDING FEATURES



Easy Maintenance & Serviceability

It features easy access to the service panel located at the bottom of the indoor unit and a side panel on the outdoor unit, streamlining the maintenance process for your convenience.



High Air Outlet Static Pressure

The indoor unit's high static pressure allows for extended air supply, providing flexibility in the installation and positioning of both the indoor unit (IDU) and outdoor unit (ODU). This feature ensures that you can maintain the interior aesthetics of your space without compromising on the air conditioning performance.



Slock Design

The unit height commences at 345*mm, providing ample space for a spacious ceiling height. (In 65K HSD Unit only)



High & Low Pressure Control

Cartridge controls are specifically designed for refrigeration and air conditioning systems using CFC, HCFC, and HFC refrigerants. These controls serve as essential safety measures, ensuring high and low-pressure cut in and cut out, as well as fan cycling.



Scroll Compressor

The compressor's efficiency is enhanced by its high volumetric efficiency and low power consumption. Additionally, its reduced number of moving parts results in less wear and tear, ensuring a quiet operation. Moreover, the compressor's excellent liquid handling capability contributes to its robustness, trouble-free performance, and reliability.
(Available in 11 & 17 TR having two compressors)



Wireless Controller (Optional)

The utilisation of a Wireless Controller enhances the convenience of Air Conditioner management.

TOWER AIR CONDITIONER (FLOOR STANDING)



KEY FEATURES

ENERGY SAVER

Experience efficient cooling with our Energy Saver mode. Designed to reduce power consumption without compromising comfort, it keeps your space cool while saving energy and lowering electricity costs.

TURBO COOL

Provides rapid cooling by maximizing fan speed and compressor output, quickly lowering room temperature. Ideal for hot days, it ensures immediate comfort within minutes.

AUTO MODE

In Auto Mode, the AC assesses room temperature for 20 seconds to select Cooling or Fan mode. If temperature is below 25°C, Fan mode activates. Mode resets upon power off or mode change.

SLEEP MODE

This function gradually adjusts the temperature by 1°C per hour for the first two hours, stabilizes for five hours, and then switches off, ensuring energy savings and comfort throughout the night.

WIRELESS CONTROLLER

The wireless controller allows convenient operation of AC from anywhere in the room. With easy access to temperature, mode, and fan settings, it enhances comfort and control effortlessly.

4 WAY SWING

The 4-way swing feature ensures even cooling by directing airflow in four directions-up, down, left, and right. This distributes cool air throughout the room, enhancing comfort and efficiency.

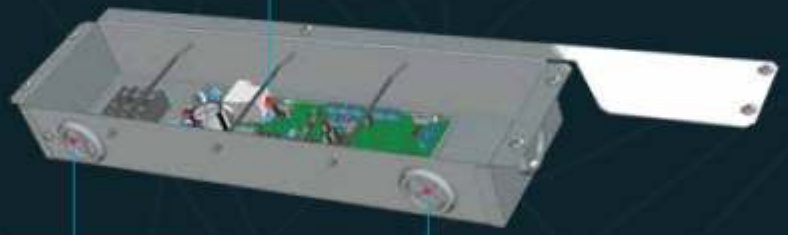
ADVANCED FEATURES OF TOWER AIR CONDITIONER

1. Waterproof
2. Insects Proof
3. Fireproof





Bldc Motor
2tr, 3tr & 4tr Models
New Features Usps
Most Brands Using Ac



Cover Plate
(Waterproof)

(Insects Proof
Rubber Gasket)

All The Corners
Fixed With
Silver Tape (Fireproof)



TOWER AIR CONDITIONER SPECIFICATION

Tower Inverter						
Tonnage			TR	2.0	3.0	4.0
Cooling Capacity Rated (Min-Max)			kW	6.82	10.60	13.35
Total input			kW	2.24	3.90	4.75
ISEER			W/W	3.90	3.50	3.60
Indoor unit	Model name			TAY-SE24VG	TAY-SE36VG	TAY-SE48VG
	Power supply			1Phase 50Hz 230V		
	External finish			Glossy White Color		
	Airflow (low-med-high-Turbo)		CFM	877	1059	1059
	External static pressure		Pa	0 (Direct Blow)		
	Operation control and thermostat			Cordless Remote Control		
	Noise level (low-med-high-Turbo)		dBA	40-41-45	43-48-50	43-48-51
	Unit drain pipe		mm	25		
	Dimensions	W	mm	600	600	600
		D	mm	386	386	386
		H	mm	1850	1850	1850
	Weight		Kg	56	58	59
Outdoor unit	Model name			TBY-SE24VG	TBY-SE36VG	TBY-SE48VG
	Power supply			1Phase 50Hz 230V		
	External finish			Pale white		
	Refrigerant (R-32) control			Capillary		
	Noise level		dBA	60	61	66
	Dimensions	W	mm	781	852	1030
		D	mm	281	310	380
		H	mm	555	692	790
	Weight		Kg	31	42	64
	Maximum Elevation		m	15m		
	Maximum Length		m	25m		30m
	Pipe size	Liquid	mm	6.35	9.52	9.52
		Gas	mm	15.87	15.87	15.87
BEE Star Rating				2 Star		
Operating Range	Upper limit (CDB)			48		
	Lower limit (CDB)			16		

AKABISHI **Residential Range**

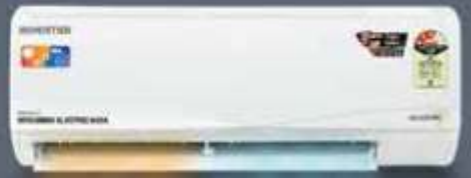
Window Air Conditioner



Split Air Conditioner



Hot & Cold Split Air Conditioner



*For more details, refer AKABISHI Residential Brochure

MITSUBISHI ELECTRIC

AIR CONDITIONERS

Changes for the Better



MITSUBISHI ELECTRIC INDIA PVT. LTD.

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New Delhi – 110044
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Central Avenue, Plot No. 27, Mahindra Industrial Park
Chennai Limited, Gummidipoondi Taluk, Peruvoyal Village,
Origins Mahindra World City, Tiruvallur, Tamil Nadu – 601206

TECHNICAL CENTRES

Ahmedabad: 079-67777861, Bengaluru: 08065301600,
Chennai: 044-49232222, Delhi: 011-66057900,
Mumbai: 022-66116200

Customer Care (Toll Free)
1800 102 2626

For service support

For more details

- Head Office
- Branch Offices
- Satellite Offices
- Technical Centres
- Sales Offices
- Manufacturing Facility

*Map for reference purpose only.

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Lucknow: 0522-4002607

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Indore: 0731-4098991, Nagpur: 712-2284020
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Goa: 09769627630

East Zone
Ranchi: 07677063849, Guwahati: 07086087007

South Zone
Hubli: 9311768727, Mangalore: 9311768727
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Vellore: 09500824622, Erode: 09448884663
Vizag (Visakhapatnam): 09205987308

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