



WORLD'S LEADING AIR CONDITIONING
COMPANY FROM JAPAN



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Disclaimer

As a continuing policy of product innovation at Daikin, the design and specifications are subject to change without prior notice. The visuals of the products in the brochure are representative only, actual products might differ from the ones shown.

*Products mentioned in this brochure comply with RoHS regulations as per E-waste (Management & Handling) Rules, 2011 and should not be mixed with general household waste at the end of their useful life. For more details kindly visit our website www.daikinindia.com or contact our customer care centre at 011-40319300/1860 180 3900.



Know more about
The Air Specialist



Scan to see Daikin
AC Features

DAIKIN-2026/26-7/PA-3A

Packaged AC Catalogue

Versatility is the mark
of Perfection



HIGH STATIC NON-INVERTER AND INVERTER SERIES

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CUSTOMIZED PRODUCTS FOR INDIAN MARKET

Daikin believes in being close to its customers. As a result we have developed a new range of packaged products tailor-made for Indian conditions. This new line-up of products produced in Daikin India's manufacturing facility at Neemrana, Rajasthan ensures reduced lead time and greater array of features for Indian consumers. Advanced features include cooling at high-ambient temperature, under voltage & over voltage protection as well as phase imbalance voltage & phase reversal protection. We have also introduced aesthetically appealing new wired LCD remote controller with glossy finish, for ease of usage of our packaged air-conditioner. The new line-up of packaged air conditioners gives you cutting-edge technology in air conditioners with industry-leading energy efficiency for lower power bills. These locally produced high-static pressure duct type are available up to 16.5 TR.



WHAT DAIKIN STANDS FOR

Daikin is a diverse multinational company active in air-conditioning, chemicals and oil hydraulics. With headquarters in Osaka, Japan, the Daikin family has over 1,03,544* members, working across 133 production units and a large customer base in over 173 countries worldwide. As the world's sole manufacturer that develops a long line of products, from refrigerants to air-conditioners, Daikin advocates comfortable living on the strength of advanced technologies.

Today, the world is a single global market, and Daikin continues to address new challenges, creating headways and achieving milestones.

*As per March 31, 2025 total number of employees are 1,03,544 (Non-consolidated: 7,866).



DAIKIN INDIA'S JOURNEY OF SUCCESS

2000

Daikin enters the Indian market in a JV with Usha Shriram Group at 80:20 stakes respectively as Daikin Shriram Airconditioning.

2002

Daikin introduces VRV technology in India.

2004

Daikin India becomes a wholly owned subsidiary of Daikin Industries Ltd., Japan.

2009

Production commences at manufacturing plant in Neemrana, Rajasthan.

2008

Groundbreaking ceremony of Daikin India's manufacturing base at Neemrana, Rajasthan.

2007

Daikin India relocates HQ to Gurgaon and commences business of McQuay Chillers in India.

2010

Fresh round of ₹250 crore investment. Thus, taking it to a total of ₹743 crore.

2012

Production of High Wall Split air-conditioners with R-32 refrigerant commences.

2013

Fresh round of ₹330 crore investment.

2017

- Second production facility opens at Neemrana, Rajasthan.
- NECA Award

2016

- Research and development centre opens at Neemrana, Rajasthan.

2015

MoU signed with Rajasthan Govt. for ₹600 crore investment, ₹60 crore investment for Research and Development Centre.

2021

- Daikin India acquires Citizen Industries.
- Setup of 3rd manufacturing plant in Sri City (AP)
- Won Good Design Award

2022

- Winners of:
- Global Cooling Prize
 - Good Design Award for single way cassette
 - NECA Award

2023

- Inaugurated Sri City Factory manufacturing Room AC and Compressors
- Daikin India acquires Virgo Technologies boosting Applied Business including Control Solutions

2025

- Daikin India Joint Venture with Rechi to setup a new compressor facility.
- Inaugurated 2nd R&D centre at Neemrana, Rajasthan.
- Daikin India wins NECA Award for the 3rd Time.

2024

- DAIPL signs MoU for 30+ acres in Sri City for future growth

ENGINE OF GROWTH

MANUFACTURING PLANT

Daikin's manufacturing plant at Neemrana, Rajasthan & Andhra Pradesh aims to create products that will add comfort to the lives of people. It is supported by a network of production bases throughout the world and showcases the application of advanced technology and equipment. Our comprehensive quality control system features centrally computerised management of quality and production data to facilitate high-quality production within scheduled time.

Factory 1 - Neemrana, Rajasthan



Factory 2 - Neemrana, Rajasthan



Factory 3 - Sri City (Andhra Pradesh)



Compressor & Device manufacturing facility

TRAINING FACILITY

ACDC Centre, Neemrana, Rajasthan



ACDC Centre, Sri City (Andhra Pradesh)



Disclaimer - Visuals used are for representation purpose only.

Mechanical R&D Centre 1 - Neemrana, Rajasthan



Mechanical R&D Centre 2 - Neemrana, Rajasthan



RESEARCH & DEVELOPMENT FACILITY

27+ Lab facilities

- Psychometric lab
- Multi-chamber lab
- Full Anechoic chamber for running sound test
- Product Reliability test lab, CFM test lab and Psychometric lab

7 Test & other facilities

- Cyclic Corrosion test
- Salt Spray test
- Thermal Shock test
- Vibration test
- Environmental test
- Drop test
- Concept room
- Mock-up area
- Device test room (electronic parts test room)

IoT Centre



Assembly line at Daikin Factory



INVERTER SERIES

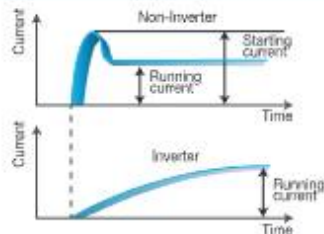


PRODUCT LINE-UP

HIGH STATIC PRESSURE DUCT TYPE INVERTER (COOLING ONLY) **R-410A**

CAPACITY	Btu/h	66,000	1,02,000	1,32,000
	TR	5.5	8.5	11
INDOOR UNIT				
	FDKR200BV16	FDKR300BV16	FDKR400BV16	
OUTDOOR UNIT				
	RZR200BY16	RZR300BY16	RZR400BY16	

KEY BENEFITS



Inverter Technology Benefits

- Reduces load on mains
- Ensures safety of the machine
- Controls starting current
- Power savings (owing to lesser switching of compressor)



High Energy Efficient Scroll Compressor

- High volumetric efficiency
- Longer life
- Low power consumption
- Compact size with less noise



Sensible Microprocessor Control

The integrated microprocessor protects the air conditioner from

- Low suction pressure (LP)
- High discharge pressure (HP)
- Reverse phasing
- Over/under voltage
- Over current
- Refrigerant cooled PCB

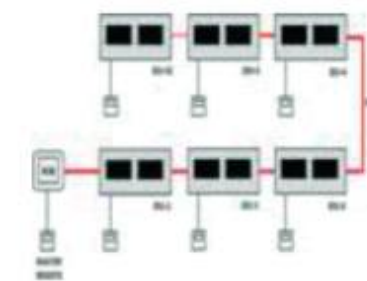
Remote Controller: Wired (Standard) and Wireless (Optional)

- LCD based wired type remote handset with wide display, backlit option and error code display like HP, LP, SPPR
- New Wireless remote as optional accessory



New Group Controller (Optional)

- Group Controller feature allows for centralized control of multiple indoor units (up to 32) within a system through Central (Master) Remote Controller
- Operating Mode, Set Temp., Fan Speed, Timer, Clock Settings of grouped units can be controlled through Master Remote controller
- Only PA Inverter (BV series) units can be inter-connected via this Master Hub Controller for 3rd Party interface on Modbus protocol



Long Distance Piping

Designed for a 20 m vertical height and a total refrigerant piping distance of 50 m between the indoor and outdoor units. The units are thus suitable for tall, glass facade buildings.



Operation at High Ambient Temperature

The condenser unit in this new series of inverter duct system is designed to operate effectively at higher ambient temperatures, up to 52°C, ensuring efficient cooling even in the harsh summer months, without tripping.



Pre-Charged Refrigerant

The cooling system is pre-charged with refrigerant and doesn't require additional services to add refrigerant. Pre-charged unit saves time during an installation and eliminates the need for leakage inspections.



Blue Fin Condenser and Corrosion-resistant Body

All units have special blue fins made of galvanized sheets - which are powder coated after fabrication making them corrosion-resistant and elegant looking, enhancing the overall life of the system.



SPECIFICATIONS

INVERTER R-410A

TECHNICAL SPECIFICATIONS - INVERTER DUCT HIGH STATIC

	Parameters	Unit	PA – Packaged Air Conditioners		
UNIT	Capacity	TR	5.5	8.5	11
	Rated Cooling Capacity Full (min~max.)	kW	19.35 (7.8~20.4)	29.89 (10.5~31.6)	38.69 (11.4~41.5)
	Rated Cooling Capacity Full (min~max.)	BTU/Hr	66000 (26760~69600)	102000 (36000~108000)	132000 (39000~141600)
	Power Supply	V/Ph/Hz	415V / 3 PH / 50Hz (AC)		
	Refrigerant	Type	R-410A		
	Operation Range (IDU)	°C	19~35(DB)		
	High Ambient Operation Range	°C	19~52(DB)		
IDU	Model Name Indoor Unit		FDKR200BV16	FDKR300BV16	FDKR400BV16
	Casing Size (HxWxD)	mm	450 x 1170 x 700	450 x 1660 x 700	470 x 1700 x 940
	Air Flow Rate (High)	CFM	2200	3400	4400
	Fan Speed	Nos.	3 (High, Med, Low)		
	ESP (Rated)	(Pa)	50	50	60
	Remote Controller		Wired Remote Wireless Remote (Optional)		
	Group Controller		Yes (Optional)		
	HE Type		FTHX		
	Weight	Kg.	60	95	125
	Model Name Outdoor Unit		RZR200BY16	RZR300BY16	RZR400BY16
ODU	ODU Shape		Side Discharge		
	ODU Qty.	Nos.	1		
	Casing Size (HxWxD)	mm	930 x 1025 x 410	930 x 1210 x 550	930 x 1650 x 620
	Max Total Pipe Length	m	50		
	Max Elevation Height	m	20		
	Stop Valve & Precharge		Yes		
	Protector		HPS & LPS		
	Piping Size (Gas)	mm	22.2	28.6	28.6
	Piping size (Liquid)	mm	12.7	12.7	15.9
	Compressor Type/Qty	Nos.	Inverter Scroll / 1		
	In Built Accumulator		Yes		
	HE Type / Coating		FTHX / Precoated Blue fins		
	Weight (Approx)	Kg.	92	136	180

FEATURE DETAILS

Description	FDKR BV16 - Series
Variable Speed Inverter AC (Automatic)	Yes
High Volumetric Efficiency Scroll Compressors	Yes
Sensible Microprocessor Control	Yes
High Airflow and High Static Requirements	Yes
High Ambient Operation Range up to 52°C (Cooling Mode)	Yes
Under Voltage & Over Voltage Protection	Yes
HP/LP Protection	Yes
3-Step Fan Speed	Yes
Error Code Display on Wired Remote	Yes
Energy Saving Mode	Yes
Blue Fin Condenser and Corrosion-Resistant Body	Yes
Metallic Box PCB	Yes
In Built Accumulator – Long Pipe Applications up to 50 mtr	Yes
Touch-Key On/Off Switch	Yes
Auto Restart	Yes
Fault Display (Error Code Display)	Yes
Time Delay for Compressor Operation	Yes
Operating Set Temp. Range: 16°C~32°C	Yes
Auto Memory Backup	Yes
7 Day Weekly Timer	Yes
Keypad Lock	Yes
Factory Reset	Yes
Mode of Operation: Cool & Fan	Yes
Wired Remote Controller (Standard) & Wireless Remote (Optional) both 24°C Default temperature setting	Yes
Group Controller (Optional) Up to 32 Units can be Connected Together	Yes

NON-INVERTER SERIES



PRODUCT LINE-UP

HIGH STATIC PRESSURE DUCT TYPE NON-INVERTER (COOLING ONLY) **R-410A**

CAPACITY	Btu/h	66,000	1,02,000	1,32,000	1,29,600	1,98,000
	TR	5.5	8.5	11	10.8	16.5
INDOOR UNIT						
	FDR65FRV169	FDR100FRV16	FDR130FRV16	FDR130FRV1692	FDR200FRV16	
OUTDOOR UNIT						
	RR65FRY169	RR100FRY16	RR130FRY16	RR65FRY169(Nos.2)	RR100FRY16(Nos.2)	

KEY BENEFITS

Phase Loss & Reverse Protection

In case of any phase loss Daikin machine will display error on its controller.



High performance even at high ambient temperature

Always keeping your comfort in mind, Daikin ducted air conditioners work at high ambient temperature without tripping. Get the best out of Daikin ducted air conditioners even in hot weather conditions.



Pre-Charged Refrigerant

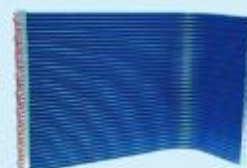
The cooling system is pre-charged with refrigerant and doesn't require additional services to add refrigerant. Pre-charged unit saves time during an installation and eliminates the need for leakage inspections.



Daikin- Pre-charged Refrigerant

Blue Fin Condenser and Corrosion-resistant Body

All units have special blue fins made of galvanized sheets - which are powder coated after fabrication making them corrosion-resistant and elegant looking, enhancing the overall life of the system.



Under Voltage & Over Voltage Protection

Given the erratic electricity supply it becomes important that your air conditioners are guarded against under voltage and over voltage. Daikin ducted air conditioners offer protection against voltage fluctuation thus enhancing the operating life of your air conditioners.



Pre-charged Refrigerant

Daikin India's FDR65, FDR100, FDR130 and FDR200 models are available with pre-charged refrigerant for 7.5 meter piping length. No need for additional refrigerant charge on-site if piping length is upto 7.5 meters.



Work & Servicing: Easy maintenance

The simple design concept has provided the ease of maintenance and servicing. Access to the internal part of the unit can be from the service panel or other side of the unit by loosening a few screws.

Wireless & Wired Remote Controllers

Wired Remote Model Number
4P408280-1 (FDR/FD 65/100/130),
4P416386-1 (FDR/FD200)
Wireless Remote Model Number
BRC4N151

NEW



ADVANTAGE OF HIGH PERFORMANCE COMPONENTS

FDR-FRV SERIES (5.5TR~16.5TR)

Compressor

Compressor is known as heart of any Refrigeration & Air conditioning system.

Daikin uses highly efficient Scroll compressor which ensures better volumetric efficiency, low noise, reliable operation and built in safety.



ODU Fan

Aerodynamic design High efficiency Propeller Fan for optimize Airflow distribution thus better heat transfer & lower noise level best suited for high Ambient conditions.

The Outdoor fan and fins that act as heat syncs draw the heat away so the unit doesn't overheat.

The outdoor condensing unit becomes very hot with all that overheated refrigerant running through it. The Outdoor fan and fins that act as heat syncs draw the heat away so the unit doesn't overheat.



Motor

High RPM motors to improve airflow and ensure better insulation.

Thermal Overload protector used for motor safety.



HP/LP Switch

These switches are designed for Highly Precise Setting & Repeatability

HP Switch: The high pressure switch cuts-off power supply in case of excess compressor discharge pressure thereby preventing equipment damage.

LP Switch: The low pressure switch monitors the refrigeration system for loss of refrigerant charge.

It also helps in stopping the evaporator (indoor) coil from freezing due to a clogged/dirty filter or lower airflow over the coil.



Heat Exchanger

Blue Fin Condenser and Hydrophilic special coating on the fin of the heat exchanger prevents corrosion, extending the life of the unit to enhance performance.

Optimum Area Heat exchanger of both 7mm tubes & 3/8" Heat Exchanger increasing heat transfer area which increases cooling capacity & performance during high ambient temperature.



TEV

Thermostatic expansion valve (TEV) regulates refrigerant flow to cater to variations in heat load and make the system more efficient by controlling Superheat & matches system capacity.

Over a broader temperature range. It increases the flow of refrigerant to provide better cooling at higher temperatures. It's design protects the compressor motor by preventing liquid slugging, which can damage compressors.



Drier

Filter Drier for liquid line protects refrigeration and air-conditioning system by removing High moisture, acids and solid particles. With these contaminants eliminated, systems are safer from harmful chemical reactions. These are shock resistant built in steel shell construction.



Stop Service Valve

Function: Stop valve is used to connect indoor and outdoor units. Good quality of stop valve ensures high reliability.



Metallic PCB Box

Metallic PCB Box ensures safety from fire.



SPECIFICATIONS

NOTES

HIGH STATIC DUCT TYPE (COOLING ONLY) R-410A

UNIT	Parameters	Unit	Packaged Air Conditioners				
			5.5	8.5	11	10.8	16.5
	Capacity	TR	5.5	8.5	11	10.8	16.5
	Rated Cooling Capacity	kW	19.35	29.89	38.69	38.0	58
	Rated Cooling Capacity	BTU/Hr	66000	102000	132000	129600	198000
	Power Supply	V/Ph/Hz	415V / 3 PH / 50Hz (AC)				
	Refrigerant	Type	R-410A				
	Operation Range (IDU)	°C	19~35 (DB)				
	High Ambient Operation Range	°C	19~48 (DB)				
	Model Name Indoor Unit		FDR65FRV169	FDR100FRV16	FDR130FRV16	FDR130FRV1692	FDR200FRY16
IDU	Casing Size (HxWxD)	mm	450 X 1170 X 700	450 x 1660 x 700	470 x 1700 x 940	470 x 1700 x 940	590 x 1885 x 1145
	Air Flow Rate (High)	CFM	2200	3400	4400	4400	6600
	Fan Speed	Nos.	3 (High, Med. Low)				
	ESP (Rated)	(Pa)	50	50	60	60	80
	Remote Controller		Wired Remote				
			Wireless Remote (Optional)				
	HE Type		FTHX				
	Weight	Kg.	60	95	125	130	175
ODU	Model Name Outdoor Unit		RR65FRY169	RR100FRY16	RR130FRY16	RR65FRY169 x2	RR100FRY16 x2
	ODU Shape		Side Discharge				
	ODU Qty.	Nos.	1	1	1	2	2
	Casing Size (HxWxD)	mm	930 X 1025 X 410	930 X 1200 X 550	930 X 1650 X 620	930 X 1025 X 410	930 X 1200 X 550
	Max Total Pipe Length	m	30				
	Max Elevation Height	m	15				
	Stop Valve & Pre-charge		Yes				
	Protector		HPS & LPS				
	Piping Size (Liquid)	mm	12.7	12.7	15.9	12.7	12.7
	Piping Size (Gas)	mm	22.2	28.6	28.6	22.2	28.6
	Compressor Type/Qty	Nos.	Scroll Compressor				
	Accumulator		Optional				
	HE Type/Coating		FTHX / Pre-coated Blue fins				
	Weight (Approx)	Kg.	96	147	173	96	147