

Futuristic
Design
Comfort
Control



BIG CAPACITY
HYBRID+
DUCTABLE | FLOOR STANDING





Established Since - 1884

MOVE THE WORLD FORWARD

At Mitsubishi Heavy Industries Group, we bring people, businesses and ideas as one, to pave the way to a future of shared success. Utilizing our proven, forward-thinking approach and deep industry knowledge, we offer world-class innovative and integrated solutions across a wide range of industries and technologies, from planning to execution. Passionately seeking new, simpler and sustainable ways, we work with our clients and partners around the globe to create a better future for everyone who shares our planet.



Harmonizing People and technology on a global scale

As a global manufacturer, the fields in which Mitsubishi Heavy Industries work, knows no limits, offering more than 700 products that fall in all sectors and meet different needs and lifestyles, with the aim of reconciling public needs and technological innovation. With its eyes on the future, MHI will continue to traverse uncharted lands.



Our Vision > Your Future

Vision for a Global Perspective

"Our determination to conduct business on a global scale is supported by, and reflected in, a fundamental philosophy: utilization of inherent business acumen & technological expertise accumulated over more than 40 years to assess changes that occur with the passage of time while continuously developing previously unexplored areas.

Company Philosophy

We firmly believe that simple & direct method of operation brings about confidence in doing business more cohesively which strengthens our relation with our Dealers, our Channel partners in growth. Our increased involvement & deep collaboration with our Channel Partners makes the business simpler."

IAPL Group with its nationwide network has supported a wide array of projects including residential & large commercial establishment, Offices, Business establishments, Hotels, Hospitals, Schools, Commercial Complexes, Industries, etc. We have participated in projects for large Air Conditioning Systems requiring SYSTEM INTEGRATION of imported air conditioning equipment as per the international standards lay down by our principal- M/s. Mitsubishi Heavy Industries Ltd. We ensure much superior quality of workmanship with advanced engineering skills. We have full-fledged team of qualified engineers and technical staff in the air-conditioning divisions to meet all kind of requirements. IAPL has consistently provided Channel Partners with timely and high value service, competitively priced products without sacrificing quality.

HYBRID⁺ DUCTABLE

FDU BIG CAPACITY DUCTABLE AC

Design
Comfort
Control



FDU200CSY-S (6.4 Ton)
FDU250CSY-S (7.1 Ton)



FDU400CSY-S (11.9 Ton)
FDU500CSY-S (14.2 Ton)



REMOTE CONTROL

Wired (Standard) Wireless (optional)



RC-E5

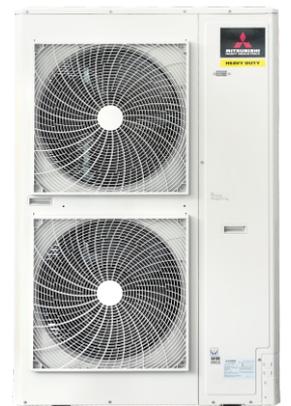


RCN-Q1

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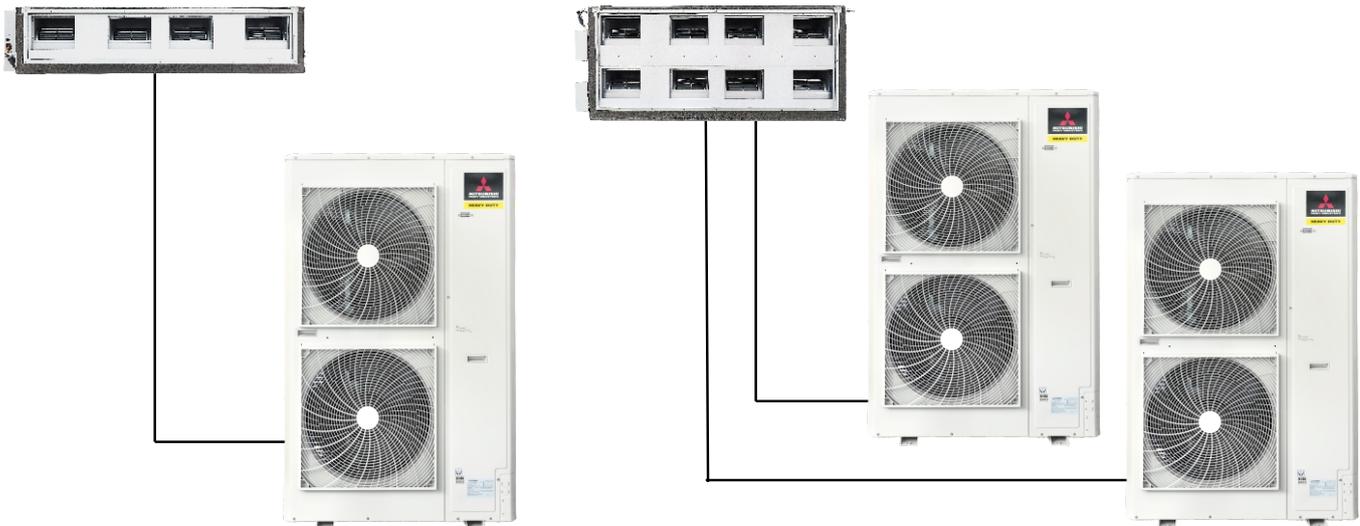
HIGHEST EFFICIENCY
SCROLL COMPRESSOR



FDC200CSY-S
FDC250CSY-S

SPECIFICATIONS

SPECIFICATIONS		(FIXED SPEED)	ECO SMART- DUCT CONNECTED HIGH STATIC- FDU SERIES (R410A)			
Unit			FDU200CSY-S	FDU250CSY-S	FDU400CSY-S	FDU500CSY-S
Model	Indoor Unit		FDU200CSY-S	FDU250CSY-S	FDU400CSY-S	FDU500CSY-S
	Outdoor Unit		FDC200CSY-S	FDC250CSY-S	FDC200CSY-S x 2 No.s	FDC250CSY-S x 2 No.s
Type of AC			Heavy Duty Hi-Static Ductable AC		Heavy Duty Hi-Static Ductable AC	
Super Tropical - Return cooled Compressor			Scroll		Scroll	Scroll
Main Power Supply to Indoor Unit			1 Phase, 220 ~ 240 V, 50 Hz		1 Phase, 220 ~ 240 V, 50 Hz	
Main Power Supply to Outdoor Unit			3 Phase, 380 ~ 415 V, 50 Hz		3 Phase, 380 ~ 415 V, 50 Hz	
Rated Cooling Capacity	Ton		6.4	7.1	11.9	14.2
	Watts		22500	25000	42000	50000
	BTU/h		76770	85300	143304	170600
Input Power**	watts		7300	9000	14600	18000
Current - Amperes	A		15.5	17.0	31 (15.5 x 2no.s ODU)	34 (17 x 2no.s ODU)
Rated EER / COP	W/w		3.08	2.78	2.87	2.78
Air flow	Indoor Unit	CMH	4560	4560	7200	7200
Sound Level (H/M/L)	Indoor Unit	dB(A)	54 / 51 / 48	54 / 51 / 48	58 / 52	58 / 52
Remote Control	Indoor Unit		Standard - Wired Controller Included / Wireless Remote Controller Optional			
Self Diagnosis Function	Indoor Unit		Yes			
Filter	Indoor Unit		Anti- Bacterial Wire Mesh Filter - Optional - Chargeable Extra - Procure Locally			
Fan	Indoor Unit		Centrifugal Blowers			
DC Fan Motor Speed	Indoor Unit		Powerful - High / High / Medium / Low			
External Static Pressure E.S.P. (Pascal)#	Indoor Unit	Pa	Standard = 80 Pa Maximum = 200 Pa			
Dimension (H x W x D)	Indoor Unit	mm	360 X 1570 X 830		685 X 1570 X 830	
	Outdoor Unit	mm	1675 x 1080 x 480		(1675 x 1080 x 480) x 2 NO.S - ODU	
Weight	Indoor Unit	Kgs	99	99	180	180
	Outdoor Unit	Kgs	181	182	181 X 2 NO.S	182 X 2 NO.S
Refrigerant			R410A		R410A	
Refrigerant Piping	Liquid/ Gas	mm	12.7 (1/2") / 22.22 (7/8")		(12.7 (1/2") / 22.22 (7/8")) x 2no.s Set for 2 Separate ODU	
Maximum Piping Length		Mtrs	50 mtrs / 164 feet		50 mtrs / 164 feet	
Vertical Height Difference		Mtrs	Outdoor - Higher -30 mtrs / 98.4 feet		Outdoor - Higher -30 mtrs / 98.4 feet	
Connecting wiring	B/w IDU & ODU		2.5 mm ² x 3 cores + Earthing - 2.5mm ²			
Main Power Supply to	Outdoor Unit		8 mm ² x 4 cores + Earthing - 2.5mm ²		(8 mm ² x 4 cores + Earthing -2.5mm ²) x 2no.s Separate for 2 no.s ODU	
MCB Ratings	4 Pole		32 A		32A x 2no.s for 2no.s Separate ODU	



Indoor	Outdoor
FDU200CSY-S	FDC200CSY-S
FDC250CSY-S	FDC250CSY-S

Indoor	Outdoor
FDU400CSY-S	FDC200CSY-S x 2
FDU500CSY-S	FDC250CSY-S x 2

** Under Standard Installation & Lab Test Condition
Because of our policy of continuous improvement, we reserve the right to make changes in all specifications without any prior notice

HYBRID+ FLOOR STANDING

FDF

BIG CAPACITY
FLOOR STANDING AC

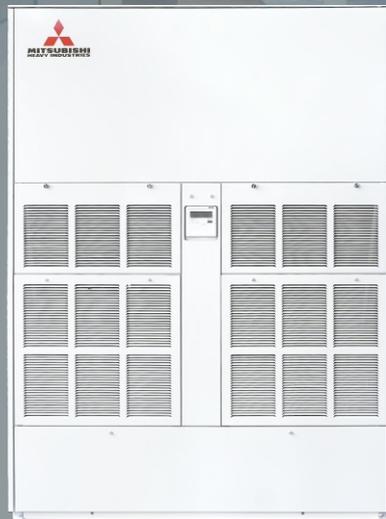
Futuristic Design
Comfort
Control!



FDF250CSY-S (7.1 Ton)



FDF500CSY-S+
AS-DA500CSY (14.2 Ton)



FDAS500CSY-S (14.2 Ton)

REMOTE CONTROL

Wired (Standard) Wireless (optional)



Controller in-Built
on Indoor Unit

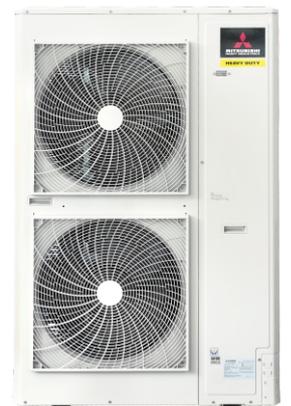
RC-E5



RCN-Q1



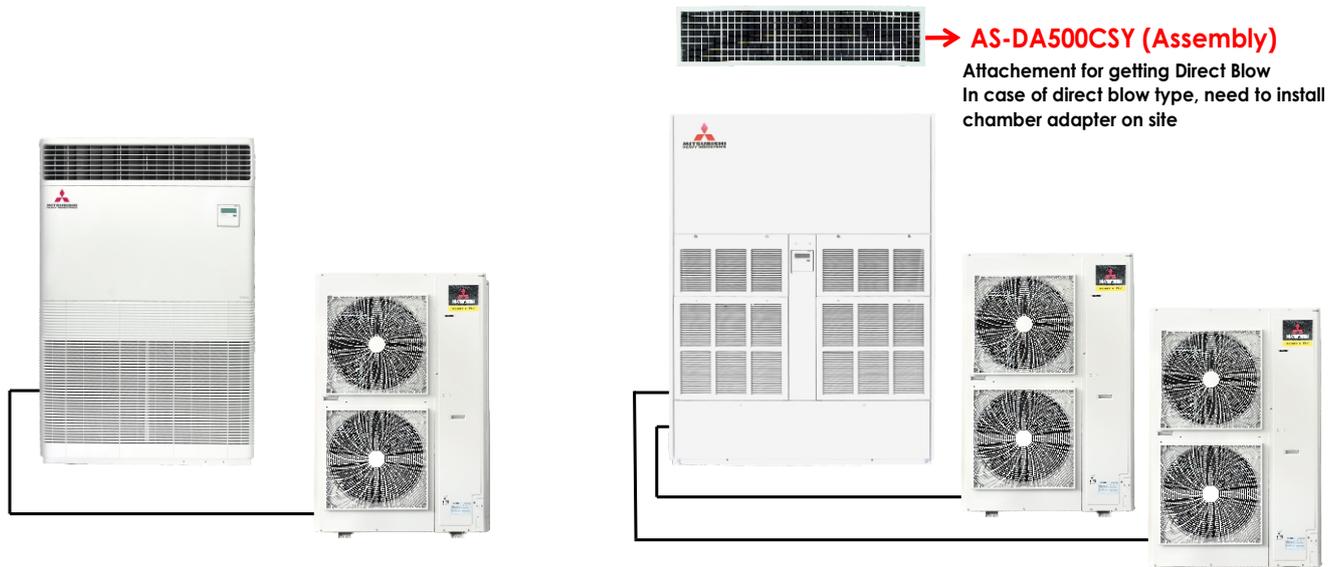
HIGHEST EFFICIENCY
SCROLL COMPRESSOR



FDC250CSY-S

SPECIFICATIONS

SPECIFICATIONS	[FIXED SPEED]		ECO SMART- MID STATIC - FLOOR STANDING (R410A)		HIGH STATIC - PACAKAGE AC
			FLOOR STANDING DIRECT AIR BLOW	FLOOR STANDING DIRECT AIR BLOW	FLOOR STANDING TOP BLOW - DUCTING TYPE
Unit			FDF250CSY-S	FDF500CSY-S +AS-DA500CSY	FDAS500CSY-S
Model	Indoor Unit		FDF250CSY-S	FDF500CSY-S +AS-DA500CSY	FDAS500CSY-S
	Outdoor Unit		FDC250CSY-S	FDC250CSY-S x 2 No.s	FDC250CSY-S x 2 No.s
Type of AC			Heavy Duty Floor Standing AC	Heavy Duty Floor Standing AC	Heavy Duty Top Throw Package AC
Super Tropical - Return cooled Compressor			Scroll	Scroll	Scroll
Main Power Supply to Indoor Unit			1 Phase, 220 ~ 240 V, 50 Hz	3 Phase, 380 ~ 415 V, 50 Hz	3 Phase, 380 ~ 415 V, 50 Hz
Main Power Supply to Outdoor Unit			3 Phase, 380 ~ 415 V, 50 Hz	3 Phase, 380 ~ 415 V, 50 Hz	3 Phase, 380 ~ 415 V, 50 Hz
Rated Cooling Capacity		Ton	7.1	14.2	14.2
		Watts	25000	50000	50000
		BTU/h	85300	170600	170600
Input Power **		watts	9000	18000	19000
Current - Amperes		A	17.0	34 (17 x 2no.s ODU)	34 (17 x 2no.s ODU)
Rated EER/ COP		W/w	2.78	2.78	2.63
Air flow	Indoor Unit	CMH	3600	9600	9600
Sound Level (H/M/L)	Indoor Unit	dB(A)	54 / 49 / 44	68	64
Remote Control	Indoor Unit		Controller In-Built on Indoor Unit / Wireless Remote Controller Optional		Controller In- Builtnon Indoor Unit Wireless Remote Controller Optional
Self Diagnosis Function	Indoor Unit		Yes		
Filter	Indoor Unit		Anti- Bacterial Wire Mesh Filter		
Fan	Indoor Unit		Centrifugal Blower		
DC Fan Motor Speed	Indoor Unit		Powerful - High /High/ Medium / Low		
External Static Pressure E.S.P. (Pascal)#	Indoor Unit	Pa	Standard = 80 Pa Maximum = 200 Pa		
Dimension (H x W x D)	Indoor Unit	mm	1850 x 1200 x 320	2020 x 1500 x 800	2020 x 1500 x 800
	Outdoor Unit		1675 x 1080 x 480	(1675 x 1080 x 480) x 2 NO.S - ODU	
Weight	Indoor Unit	Kgs	100	362	362
	Outdoor Unit	Kgs	182	182 X 2 NO.S	182 X 2 NO.S
Refrigerant			R410A	R410A	R410A
Refrigerant Piping	Liquid/ Gas	mm	12.7 (1/2") / 22.22 (7/8")	12.7 (1/2") / 22.22 (7/8") x 2no.s Separate for 2 no.s ODU	
Maximum Piping Length		Mtrs	50 mtrs / 164 feet	50 mtrs / 164 feet	
Vertical Height Difference		Mtrs	Outdoor - Higher =30 mtrs / 98.4 feet Lower=30 mtrs	Outdoor - Higher =30 mtrs / 98.4 feet Lower =15 mtrs	
Connecting wiring	B/w IDU & ODU		2.5 mm2 x 4 cores + Earthing - 2.5mm2		
Main Power Supply to	Outdoor Unit		8 mm² x 4 cores + Earthing - 2.5mm²	(8 mm² x 4 cores + Earthing -2.5mm²) x 2no.s Separate for 2 no.s ODU	
MCB Ratings	4 Pole		32A	32A x 2no.s for 2no.s Separate ODU	



Indoor	Outdoor
FDF250CSY-S	FDC250CSY-S

Indoor	Outdoor
Directblow type FDAS500CSY-S +AS-DA500CSY-S	FDC250CSY-S x2
Duct connecting type FDAS500CSY-S	FDC250CSY-S x2

** Under Standard Installation & Lab Test Condition
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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Sales, Service & Marketing Headquarter (India)



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



Our factories are ISO9001 and ISO14001 certified.

Certified ISO 9001

Certified ISO 14001



BIVALMA PLANT
Mitsubishi Heavy Industries, Ltd.
Air Conditioning & Refrigeration Systems Department
Certificate number: JCA-EN626

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Mitsubishi Heavy Industries, Ltd.
Air Conditioning & Refrigeration Systems Department
Certificate number: JCA-EN626

MITSUBISHI HEAVY INDUSTRIES- MAHAJAK AIR CONDITIONERS CO. LTD.
Certificate number: 0101198.0013

MITSUBISHI HEAVY INDUSTRIES- MAHAJAK AIR CONDITIONERS CO. LTD.
Certificate number: 0101198.0013