

Ductable ACs

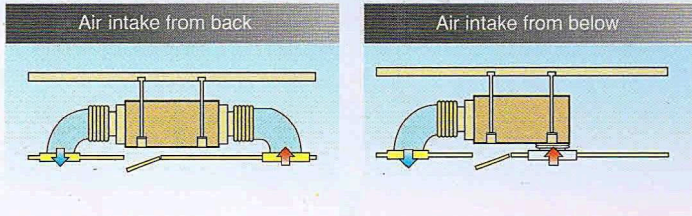
OUTSTANDING FEATURES

Medium Static
Ductable ACs (MSD)



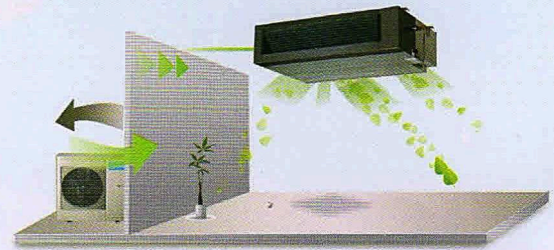
Flexible Air Intake >>

Air inlet from back comes as standard whereas air inlet from below is optional. The size of the plate 'from bottom' and flange 'from back' is the same, it's easy for installer to change the air inlet from back to bottom. (In MSD Range only)



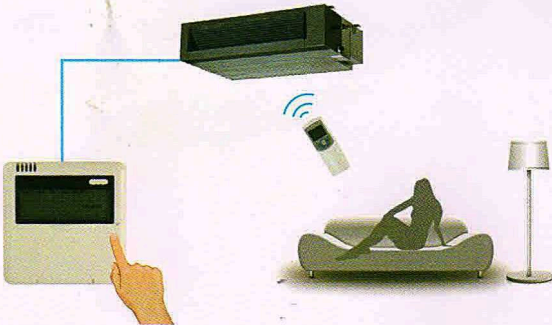
Fresh Air >>

Air outside can be led into the room via a connection pipe, which keeps the indoor air fresh and healthy. (In MSD Range only)



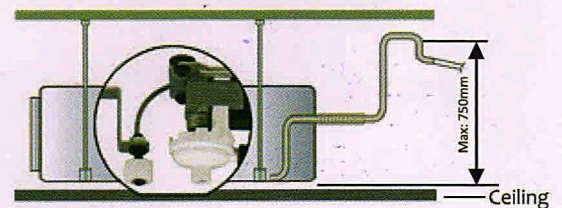
Wireless Controller (Optional) >>

Wireless Controller makes Airconditioner control more convenient.



Drain Pump (Optional) >>

Midea Ductable Ac Range offers great flexibility in Drain Pump installation. It has water lifting capacity of upto 750mm.



Scroll Compressor* >>

High volumetric efficiency with low power consumptions make the compressor more efficient. Its lesser moving parts enable to less wear & tear and quiet operation. Its liquid handling capability make the compressor more sturdy, trouble free and reliable.

*3 TR and above having scroll compressor.



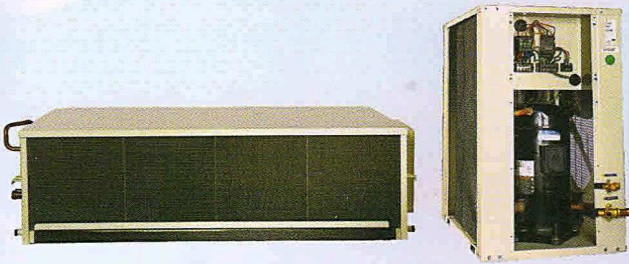
OUTSTANDING FEATURES

High Static
Ductable ACs (HSD)



Easy Maintenance & Serviceability >>

Unit is designed for easy access to the service panel at the bottom of the indoor Unit and Side Panel in the Outdoor Unit thus making maintenance more convenient.



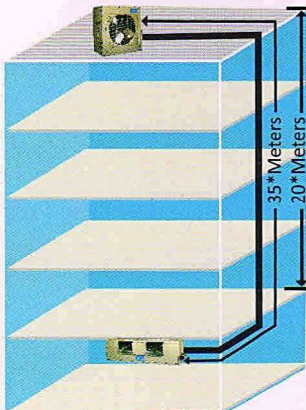
Sleek Design >>

Unit height starts from 345*mm, leaving more space for clear ceiling height. (In 66K HSD Unit only)



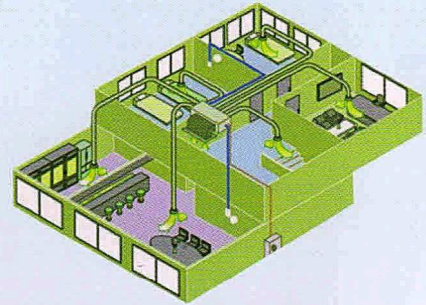
Longer Pipe Length >>

Longer pipe length provides greater flexibility for positioning of the Outdoor Unit. This facilitates building elevation and better serviceability space. (In HSD Range only)



High Air Outlet Static Pressure >>

350*Pa static pressure of indoor unit provides long air supply & ensures flexibility in installation and positioning of IDU and ODU. Thus maintaining the interior aesthetics. (In HSD Range only)



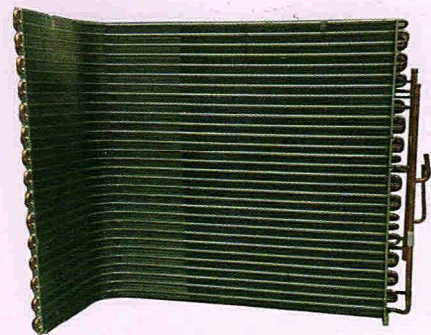
Power Scanner >>

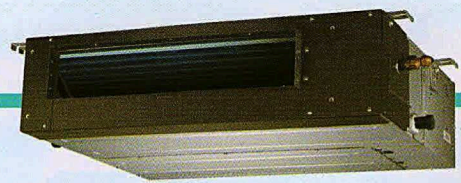
Power Scanner safe-guards from all power related problems be it 'Under of Reverse' Phase, Voltage imbalance, Phase loss. Forget your power issues and experience trouble free performance.



High Performance Condenser Coil >>

Condenser coil made of 5 mm dia copper tube wrapped with super slit sine wave aluminium fins having better heat transfer efficiency (Gas to copper tube) due to increase in primary surface area of copper.





Auto Restart



Self-Diagnosis & Auto Protection



Timer



Sleep Mode



LED Display



Heat Exchanger



Independent Dehumidifier



Rust Free Cabinet



Hydrophilic Fins



Wired Controller



Scroll* Compressor



Fresh Air^M



Airfilter^M



Drain Pump



Wireless Controller

● Standard Features (M-MSD & H-HSD)

○ Optional Features (M-MSD & H-HSD)

Technical Specification			Medium Static Ductable ACs					
Model Name			MCAD18WYC2	MCAD24WYC2	MCAD36WSC2	MCAD50WSC2		
Tonnage Category		TR	1.5	2.0	3.0	4.2		
Nominal Cooling Capacity		Watts	5275	7033	11724	14600		
Power Supply			1 Phase, 220~240V, 50 Hz		3 Phase, 380~415V, 50 Hz			
Indoor Unit	Airflow	H/M/L	m ³ /h		953/768/672	1310/1119/923	1715/1467/1077	2579/2276/2010
	Static Pressure (ESP)		Pa	25		37	50	
	Sound Level	H/M/L	dB (A)		40/34/33	43/34/31	49/40/38	54/48/42
	Net Dimensions	Unit (WxDxH)	mm		880x674x210	1100x774x249	1005x603x270	1200x874x300
	Net Weight	Unit	Kg		24	31	30	46
Outdoor Unit	Compressor		Type	Rotary		Scroll		
	Refrigerant precharged for 5 meters		Type	R410A				
	Net Dimensions	Unit (WxDxH)	mm		780x250x540		820x320x900	
	Net Weight	Unit	Kg		36	37	64	
	Operating Temp. Range		°C	18~50				
Pipe Connections	Liquid (Flare)	mm/Inch	Ø6.35-1/4"		Ø9.52-3/8"		Ø9.52-3/8"	
	Gas (Flare)	mm/Inch	Ø12.7-1/2"		Ø15.9-5/8"		Ø19.05-3/4"	
	Drain	mm/Inch	OD Ø25.4-1"					
Max. Inter-unit Pipe Length		Meters	15	20	30			
Max. Installation Level Difference		Meters	7	8	15			
Standard Controller (Remote)			Wired Controller					

Technical Specification			High Static Ductable ACs					
Model Name			MCAD066WSC2	MCAD102WSC2	MCAD132WSC2	MCAD204WSC2		
Tonnage Category		TR	5.5	8.5	11.0	17.0		
Nominal Cooling Capacity		Watts	19343	29894	38687	59789		
Power Supply			3 Phase, 380~415V, 50 Hz					
Indoor Unit	Indoor Unit	Qty.	Nos.		1	1	1	1
	Airflow		m ³ /h		3740	5780	7476	11560
	Static Pressure (ESP)		Pa	200		350		
	Net Dimensions	Unit (WxDxH)	mm		1200x725x345	1620x675x460	1875x700x460	2150x850x560
	Net Weight	Unit	Kg		50	77	130	175
Outdoor Unit	Outdoor Unit	Qty.	Nos.		1	1	2	2
	Compressor		Type	Scroll				
	Refrigerant precharged for 7.5 meters		Type	R410A				
	Net Dimensions	Unit (WxDxH)	mm		900x320x800	900x580x960	900x320x800	900x580x960
	Net Weight	Unit	Kg		80	135	80	135
Operating Temp. Range		°C	18~50					
Pipe Connections	Liquid (Flare)	mm/Inch	Ø12.7-1/2"		Ø15.9-5/8"		Ø12.7-1/2"	Ø15.9-5/8"
	Gas (Flare)	mm/Inch	Ø22.22-7/8"		Ø28.58-1 1/8"		Ø22.22-7/8"	Ø28.58-1 1/8"
	Drain	mm/Inch	Ø15.9-5/8"		Ø25.4-1"			
Max. Inter-unit Pipe Length		Meters	35					
Max. Installation Level Difference		Meters	20					
Standard Controller (Remote)			Wired Controller					