



COOLING
HO TOH

**HEAVY
DUTY**

D DESERT
X EXTREME
K KOOLING
HYBRID⁺
CATALOGUE 2019



**MITSUBISHI
HEAVY INDUSTRIES**

AIR CONDITIONERS

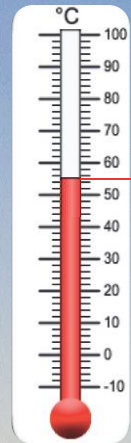
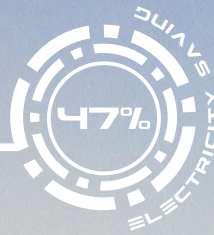
HEAVY DUTY

DESERT XTREME KOOLING (DXK)

DESERT XTREME
KOOLING (DXK)

HYBRID⁺
AIRCONDITIONER

R410A
ECO-FRIENDLY



55°C

←----- 1.19 Meter -----→



DXK53CSS-S6/A (1.6 Ton) / DXK74CSS-S6/A (2.2 Ton)

DESERT XTREME
KOOLING (DXK)

HEAVY DUTY
AIRCONDITIONER

R410A
ECO-FRIENDLY



DXK50CS-S6 (1.5 Ton)



DXK37CSS-S6 (1.1 Ton)





HYBRID AC gives 1.5 times bigger area coverage compared to Conventional AC & still gives electricity savings upto **47%***

MODEL NO.	CAPACITY	AREA COVERAGE
DXK37CSS-S6	1.1 Ton	Upto 15.97 sq.meter*
DXK50CS-S6	1.5 Ton	Upto 20.90 sq.meter*
DXK53CSS-S6/A	1.6 Ton	Upto 26.01 sq.meter*
DXK74CSS-S6/A	2.2 Ton	Upto 41.80 sq.meter*



HYBRID AC FOR ELECTRICITY SAVING UPTO 47%



HIGH CAPACITY MACHINES

We have designed the machines using higher capacity compressor + Bigger Condensor Unit for maximum, heat rejection for better cooling & higher energy efficiency, thereby we claim for Machine Capacities.



MODEL NO.	MAXIMUM COOLING CAPACITY
DXK37CSS-S6	13500 BTU/hr.
DXK50CS-S6	19000 BTU/hr.
DXK53CSS-S6/A	21000 BTU/hr.
DXK74CSS-S6/A	26272 BTU/hr.



Super Tropical



SELF DIAGNOSIS FUNCTION

In the case, when air conditioner malfunction, an internal Micro- Computer Automatically runs Self Diagnosis Function. The Self Diagnosis function displays the flashing lights on the indoor unit and the User is able to identify the problem by referring the user's manual troubleshooting table and inform the problem.



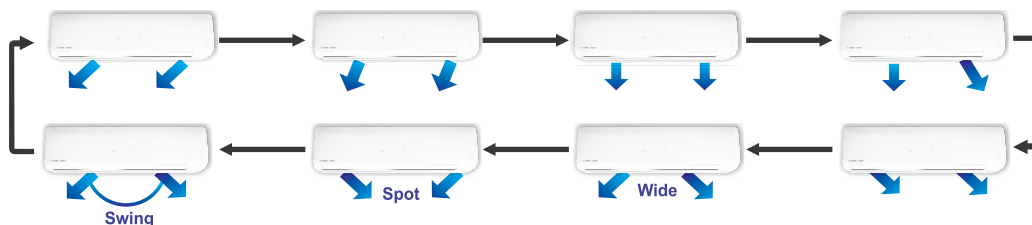


JET AIR FLOW LONG REACH AIR FLOW

Jet air flow technology gives long reach airflow upto 17.06 m. for **1.5 times bigger** coverage compared to conventional AC.



3D AIR



DXK53CSS-S6/A (1.6 Ton)



DXK74CSS-6/A (2.2 Ton)



Super Tropical

SPECIFICATIONS			DESERT XTREME KOOLING - HYBRID+ HEAVY DUTY AC (R410A)				
MODEL	Unit		DXK37CRS-S6	DXK50CS-S6	DXK53CSS-S6/A		DXK74CSS-S6/A
	Indoor Unit		DXK37CRS-S6	DXK50CS-S6	DXK53CSS-S6/A		DXK74CSS-S6/A
	Outdoor Unit		DXC37CRS-S6	DXC50CS-S6	DXC53CSS-S6/A		DXC74CSS-S6/A
Maximum Tonnage	Ton		1.1	1.5	1.6"		2.2
BEE - Star Rating -2019			3 Star	1 Star	3 Star		3 Star
Refrigerant Control & Expansion			Dual Capillary Expansion				
Fixed Speed Compressor Type			Super Tropical - Return Cooled Rotary				
Power Source			1 Phase, 230 V, 50 Hz				
Maximum Cooling Capacity		BTU/hr	13501	19001	20997	26272	
Rated Cooling Capacity at	100% Load		12283	18015	20216	26017	
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC				
Maximum Cooling Capacity		Watts	3957	5569	6154	7700	
Rated Cooling Capacity at	100% Load		3600	5280	5925	7625	
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC				
Rated Power Consumption at	100% Load	watts	1000	1615	1485	2050	
Rated Power Consumption at	50% Load		Not Applicable for Fixed Speed AC				
Rated EER / COP at	100% Load	W/w	3.60	3.27	3.99	3.72	
Rated EER / COP at	50% Load		Not Applicable for Fixed Speed AC				
BEE Rated Indian Seasonal Energy Efficiency Ratio	ISEER		3.60	3.27	3.99	3.72	
Input Power ** (Minimum ~ Maximum)		Watts	700 ~ 1000	1400 ~ 1615	1250 ~ 1485	1800 ~ 2050	
Current (minimum ~ maximum) **		A	4.0 ~ 4.7	6.5 ~ 7.1	5.6 ~ 6.6	8.0 ~ 9.2	
Dimension (H x W x D)	Indoor Unit	mm	268 x 790 x 213	309 x 890 x 251	339 x 1197 x 262	339 x 1197 x 262	
	Outdoor Unit	mm	595 x 780 x 290	640 x 850 (+ 65) x 290	640 x 850 (+65) x 290	750 x 880 (+88) x 340	
Weight	Indoor Unit	Kgs	9.5	14	17	17	
	Outdoor Unit	Kgs	34	40	44	60	
Air Flow (CMH)	Indoor Unit	m3/hr	750	1050	1350	1450	
Long Reach AirFlow Upto	Indoor Unit	Meter	6.09	12.19	17.06	18.28	
Sound Level (H/M/L)	Indoor Unit	dB	38 / 34 / 31	45 / 43 / 41	43 / 40 / 37	46 / 42 / 39	
Louver Swing	Indoor Unit		3D + 3D AUTO	2D	3D + 3D AUTO		
Special Filter	Indoor Unit		Enzyme + Photocatalytic Deodorizing Filter + Anti Bacterial	Anti Bacterial	Enzyme + Photocatalytic Deodorizing Filter + Anti Bacterial		
Blower Fan	Indoor Unit		Anti - Micro Bial	Non -Anti - Micro Bial	Anti - Micro Bial	Anti - Micro Bial	
DC Fan Motor Speed	Indoor Unit		Auto / Powerful / High / Med / Low/ Dry				
Refrigerant Injection in Coil	Indoor Unit		4 Point - Multi Port	5 Point - Multi Port	5 Point - Multi Port	5 Point - Multi Port	
Refrigerant Piping	Liquid Line	mm	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	6.35 (1/4")	
	Gas Line	mm	12.7 (1/2")	15.88 (5/8")	15.88 (5/8")	15.88 (5/8")	
Main Power Supply to	Unit		Indoor - 1.5mm2 X 3cores	Outdoor - 2.5 mm2 x 3 cores (including earthing cable)			
Connecting wiring between	IDU & ODU		1.5 mm2 x 4 cores (including earthing cable)				
Area Coverage ***		Sq.Meter	11.98 ~ 15.97	15.97 ~ 20.90	15.97 ~ 26.01	27.87 ~ 41.80	

* Cooling Capacity is derived Maximum during evening & night when the temperature is less than 35°C. ** Under Standard Installation & Lab Test Condition # As per BEE its 1.69 Ton

*** Check for design condition and corresponding parameters like roof / window exposed to direction sunlight, of the area to be Air- conditioned.

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



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