

COOLING
HO TOH

HEAVY
DUTY

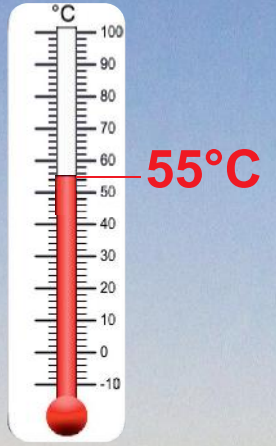


D DESERT
X XTREME
K KOOLING
HYBRID+



**MITSUBISHI
HEAVY INDUSTRIES**
AIR CONDITIONERS
HEAVY DUTY

DESERT XTREME COOLING (DXK)



DESERT XTREME
COOLING (DXK)

R410A
ECO-FRIENDLY



HYBRID+
AIRCONDITIONER

1.19 Meter



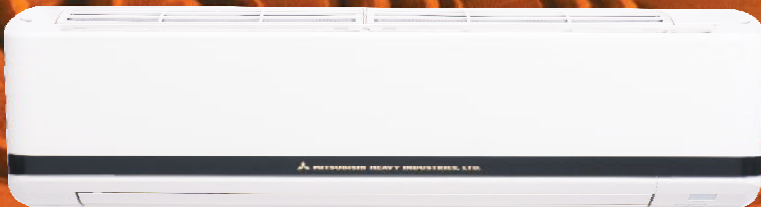
DXK53CSS-S6/A (1.6 Ton) / DXK74CSS-S6/A (2.2 Ton)

DESERT XTREME
COOLING (DXK)

R410A
ECO-FRIENDLY



HEAVY DUTY
AIRCONDITIONER



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 Condenser 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.



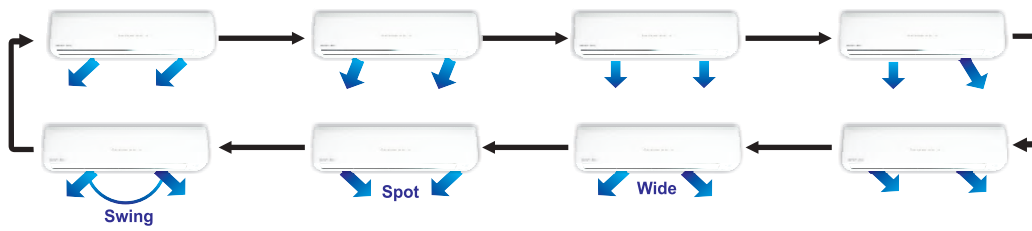


JET AIR FLOW LONG REACH AIR FLOW

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)

3D air
1350 CMH
17.06 Meters*
Cooling hi power without swing

3D air
1450 CMH
18.28 Meters*
Cooling hi power without swing



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			13501	19001	20997	26272
Rated Cooling Capacity at	100% Load	BTU/hr	12283	18015	20216	26017
Rated Cooling Capacity at	50% Load		Not Applicable for Fixed Speed AC			
Maximum Cooling Capacity			3957	5569	6154	7700
Rated Cooling Capacity at	100% Load	Watts	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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