

HyperInverter

High Performance Air-Conditioning



DXK
series

Inverter Residential Air Conditioners



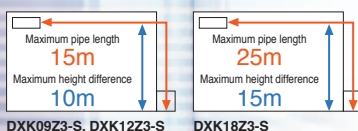
DXK-ZJ

Inverter Heat Pump



DXK09ZJ-S DXK12ZJ-S DXK18ZJ-S

Refrigerant pipe length (Flare connecting)



DXC09ZJ-S DXC12ZJ-S



DXC18ZJ-S

FUNCTIONS

- Allergen System
- Self Clean Operation
- Allergen Filter
- SUN Filter
- Comfortable Functions: Fuzzy, Auto, HI POWER
- Convenient & Economy Functions: Economy, OFF Timer, Sleep, On Timer, 24h Timer Off
- Comfortable Air Flow Functions: 3D Auto, Auto Flap, Memory, UP/DOWN, Lateral Swing, Positioning of Installation
- Maintenance & Prevention Functions: MC, Self Diagnostic, Detachable
- Others: Back-up Switch, Auto Restart, Luminous

Indoor		DXK09ZJ-S	DXK12ZJ-S	DXK18ZJ-S
Outdoor		DXC09ZJ-S	DXC12ZJ-S	DXC18ZJ-S
Power Supply		1 Phase 230V 50Hz		
Capacity*	Cooling T1	2.5 (1.0~2.9)	3.3 (1.0~3.8)	5.0 (1.6~5.5)
	Heating H1	3.2 (1.2~4.6)	4.0 (1.3~4.8)	5.8 (1.6~6.6)
	Heating H2	4.4	4.2	5.3
Input*	Cooling T1	0.575 (0.21~0.81)	0.87 (0.21~1.20)	1.55 (0.40~2.20)
	Heating H1	0.70 (0.2~1.36)	0.955 (0.2~1.45)	1.59 (0.42~2.10)
	Heating H2	1.4	1.35	2.00
Energy Label	Cooling T1	3.5	3	1.5
	Heating H1	4.5	3.5	2.5
EER*	Cooling T1	4.35	3.79	3.23
COP*	Heating H1	4.57	4.19	3.65
	Heating H2	3.14	3.11	2.65
Current (MAX)	Cooling T1	2.9 (9)	4.1 (9)	6.8 (14)
	Heating H1	3.3 (9)	4.4 (9)	7 (14)
	Recommended Circuit Breaker	16		
Sound Power Level (JIS C9612)	Cooling(Outdoor)	58	60	61
	Heating(Outdoor)	59	61	63
Sound Pressure Level (JIS C9612)	Cooling(Indoor)	34/28/21	45/32/22	46/37/26
	Heating(Indoor)	39/31/24	42/37/25	25/37/31
Airflow	Cooling(Indoor)	132-100-83	190-106-83	188-130-88
	Heating(Indoor)	183-108-85	213-156-101	225-170-125
External Dimensions (HxwxD)	Indoor	294X798X229		
	Outdoor	595X780(+62)X290		640X800(+71)X290
Net Weight	Indoor	9.5		
	Outdoor	32	38	42
Refrigerant Piping	Liquid line	Ø6.35		
	Gas line	Ø9.52		
	Connection method	Flare connection		
Refrigerant R410A	Quantity	0.75	1.15	1.35
	Pre charged to pipe length	15		
Clean Filter	Allergen Clear & Photocatalytic Washable Deodorizing Filter			

*Rated values

DXK-Z4

Inverter Heat Pump

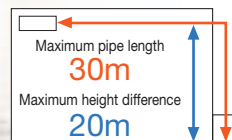


HyperInverter



DXK21Z4-S DXK24Z4-S DXK28Z4-S

Refrigerant pipe length



DXC21Z4-S DXC24Z4-S DXC28Z4-S

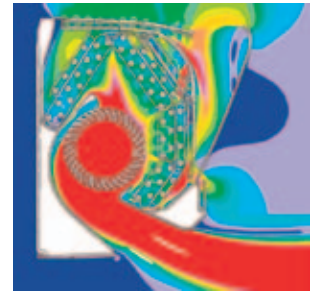
FUNCTIONS					Comfortable Functions		Convenient & Economy Functions					

Indoor			DXK21Z4-S	DXK24Z4-S	DXK28Z4-S
Outdoor			DXC21Z4-S	DXC24Z4-S	DXC28Z4-S
Power Supply			1 Phase 230V 50Hz		
Capacity	Cooling T1	kW	6.3 (2.15~7.10)	7.1 (2.15~8.00)	8.0 (2.15~8.50)
	Heating H1		7.1 (1.70~9.50)	8.0 (1.60~10.00)	9.0 (1.7~10.5)
	Heating H2		7.90	8.00	8.10
Input	Cooling T1	kW	1.76	2.16	2.65
	Heating H1		1.79	2.14	2.55
	Heating H2		2.85	2.9	2.90
Energy Label	Cooling T1	Stars	2.0	1.5	1.0
	Heating H1		2.77	2.5	2.0
EER	Cooling T1		3.58	3.29	3.02
COP	Heating H1		3.97	3.74	3.53
	Heating H2		2.77	2.77	2.79
Current (Max)	Cooling T1	A	8.0 (16.5)	9.7 (17.0)	11.9 (17.5)
	Heating H1		8.1 (16.5)	9.7 (17.0)	11.4 (17.5)
Rec Circuit Breaker		A	20A		
Sound Power Level (JIS C9612)	Cooling(Outdoor)	dB (A)	62	66	69
	Heating(Outdoor)		63	64	66
Sound Pressure Level (JIS C9612)	Cooling(Indoor)	dB	47-43-37-26	49-45-39-26	51-47-41-26
	Heating(Indoor)		44-41-36-33	46-43-39-35	48-45-40-37
Airflow	Cooling(Indoor)	L/s	310	325	350
	Heating(Indoor)		342	358	392
External Dimensions (HxwxD)	Indoor	mm	318 × 1098 × 248		
	Outdoor		750 × 880 (+88) × 340		
Net Weight	Indoor	kg	15		
	Outdoor		57		
Refrigerant Piping	Liquid line	mm	Ø6.35		
	Gas line		Ø15.88		
	Connection method		Flare connection		
Refrigerant R410A	Quantity	kg	1.8		
	Pre Charged To Pipe Length	m	15		
Clean Filter			Allergen Clear & Photocatalytic Washable Deodorizing Filter		

Aircraft technology was used in the design of the air conditioner's airflow system

Jet Air Scroll Long Reach & Silent Air Flow

CFD (computational fluid dynamics) is used for blade shape design and air channels for jet engines. The same technology has been used in our air conditioners. The airflow of the jets created in this system enables a large volume of air to be blown with a minimum amount of power consumption. The airflow is uniform, quiet and reaches a long distance from the indoor unit.



Keeping the indoor unit clean

Self Clean Operation

The 'self clean operation' is operated for 2 hours after the unit has ceased normal operation. The indoor fan continues to operate on ultra low speed to dry the unit. This restricts the growth of mould. This feature can be selected on the remote control.

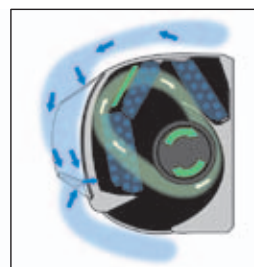
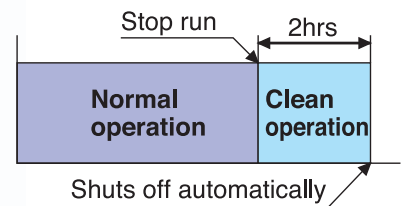
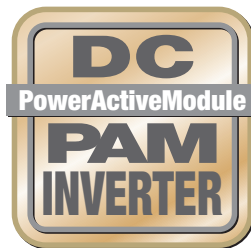


Illustration is composite image

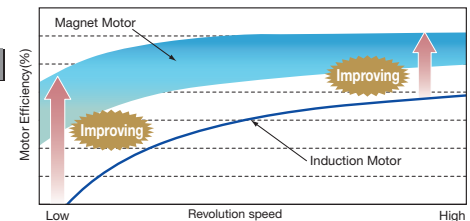


DC PAM inverter

An inverter system has a number of advantages over a constant speed system. Its variable speed compressor outputs can ensure quick cooling or heating after start up and attains a set temperature more quickly. The air conditioner can slow down the compressor speed to save energy whilst keeping comfortable conditions. The compressor is DC motor driven so it provides superior performance.



DC compressor motor



Sound data in cooling mode and in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions



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