

INVERTER MINI SPLIT HEAT AND COOL



AIR CONDITIONER & HEAT PUMP Split Type DC Inverter

Features:

- **Auto Re-start:** When power is interrupted, the unit automatically returns to its previous settings.
- **Hydrophilic Aluminum Fin:** Improves cooling efficiency by allowing the unrestricted flow of condensate water through the heat exchanger.
- **Inner Grooved Copper Tube:** Allows increased refrigerant flow which improves heat exchange efficiency and lowers power consumption.
- **Turbo Mode:** Enables the unit to ramp up to a preset temperature in the shortest time by utilizing large diameter cross flow fans to provide high air flow while minimizing noise levels.
- **Sleep Mode:** Efficiently increases (Cooling) or decreases (Heating) room temperature 1°C to provide the most comfort at night.
- **Self Diagnosis and Auto Protection:** The indoor unit displays any system default and communicates when service is needed.



TECHNICAL SPECIFICATIONS

Product Code	INDOOR	WIHPD3-09KW4A	WIHPD3-12KW4A	WIHPD3-16KW4A	WIHPD3-24KW4A	
Product Code	OUTDOOR	WCHPD3-09K4A	WCHPD3-12K4A	WCHPD3-18K4A	WCHPD3-24K4A	
Power Supply	Ph-V-Hz	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	208-230V~ 60Hz, 1Ph	
Cooling	Capacity	Btu/h	9000	12000	18000	22000
	Input	W	950	1320	1920	2340
	Rated Current	A	4.3	5.9	8.7	10.6
	SEER	Btu/w	15	15	15	15
	COP	WW	2.9	3	3	3
Heating	Capacity	Btu/h	9000	12000	18000	22000
	Input	W	950	1220	1750	2150
	Rated Current	A	4.3	5.5	8	9.7
	COP	WW	2.9	3	3	3
	HSPF4	Btu/w	8.2	8.2	8.2	8.2
Application area	m ²	13.2-22.0	17.6-29.3	26.4-44.0	32.2-53.7	
Application area	sq. ft.	142-237	189-315	284-473	347-578	
Refrigerant type	g	R410A/680g	R410A/910g	R410A/1200g	R410A/1600g	
Refrigerant type	oz	R410A/23.99	R410A/32.1	R410A/42.3	R410A/56.44	
Design pressure	PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	550/340 PSIG	
Refrigerant piping	Liquid side/ Gas side	mm(inch)	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø9.52(1/4"/3/8")	Ø6.35/Ø12.7(1/4"/1/2")	Ø9.52/Ø15.9(3/8"/5/8")
	Max. refrigerant pipe length	m	20	20	25	25
	Max. refrigerant pipe length	ft	66	66	82	82
	Max. difference in level	m	8	8	10	10
	Max. difference in level	ft	26	26	33	33
Operation temperature	Liquid side/ Gas side	°C	17~32/0~30	17~32/0~30	17~32/0~30	17~32/0~30
	Max. refrigerant pipe length	°F	62~90/32~86	62~90/32~86	62~90/32~86	62~90/32~86
	Max. refrigerant pipe length	°C	0~50/-15~30	0~50/-15~30	0~50/-15~30	0~50/-15~30
	Max. difference in level	°F	32~122/5~96	32~122/5~96	32~122/5~96	32~122/5~96
	Max. difference in level	°C	-15~50/-15~30	-15~50/-15~30	-15~50/-15~30	-15~50/-15~30
Max. difference in level	°F	5~122/5~86	5~122/5~86	5~122/5~86	5~122/5~86	
ETL		Yes	Yes	Yes	Yes	
AHRI		Yes	Yes	Yes	Yes	
ENERGY STAR		No	No	No	No	