



# Westinghouse

## WIHXD1



## SPLIT TYPE DC INVERTER AIR CONDITIONER

**DC** The Westinghouse Inverter Air Conditioner utilizes Direct Current (DC) technology to deliver among the highest energy efficiency levels available today. Traditional compressors just turn on and off – operating at 60 hertz when running. But inverter compressor technology has almost infinite modulation for a perfectly even variance. So while conventional compressors kick on at full speed to compensate for a small change in temperature, inverter technology alters the compressor speed just enough to match the slightest change in air temperature. So in addition to minimal power utilization, you get a more consistent temperature level – and fewer hot and cold spots. Even more, inverter air conditioners are more efficient than standard models, and the outdoor units are as quiet as 38 decibels.

**R-410A**

## WCHXD1










You can be sure...  
if it's Westinghouse





## FEATURES AND OPTIONS:

-  **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.
-  **DC Rotary Compressor** - Operates according to load variations and ramps down for ultra-low power and noise levels.

### OPTIONS:

- Active Charcoal Filter
- Electrostatic Filter
- HEPA Filter
- Negative Ion Filter
- Vitamin-C Filter

## TECHNICAL SPECIFICATIONS:

Model		Indoor	WIHXD1-09KW4A	WIHXD1-12KW4A	WIHXD1-18KW4B	WIHXD1-24KW4B	
		Outdoor	WCHXD1-09K4A	WCHXD1-12K4A	WCHXD1-18K4B	WCHXD1-24K4B	
Power Supply		V-Hz-Ph	208/230V~, 60Hz, 1Phase				
EER		Btu/h-W	10.92 / 3.20	10.92 / 3.20	10.88 / 3.19	10.27 / 3.01	
SEER			16	16	16	16	
Cooling	Nominal Capacity	Btu/h	9000 (2250~10000)	12000 (4000~13500)	17800 (5100~20000)	22900 (12000~25000)	
	Input	W	824	1100	1740(380~2300)	2237	
	Rated Current	A	3.6	4.8	8.3	9.7	
Indoor unit	Fan Motor	Power	W	32	43	58	82
		Speed (Hi/Med/Lo)	r/min	1170 / 1000 / 800	1200 / 1000 / 850	1200 / 1000 / 880	1285 / 1245 / 1040
	Indoor Air Flow (Hi/Med/Lo)		m3/h	520 / 450 / 350	620 / 520 / 450	750 / 630 / 550	1150 / 1100 / 930
	Moisture Removal		(L/h)	1.00	1.20	1.80	2.60
	Noise Level(Hi/Mi/Lo)		dB(A)	38 / 34 / 30	38 / 34 / 30	40 / 35 / 30	50 / 48 / 46
	Unit Dimension (WxHxD)		mm	850 x 165 x 290	850 x 165 x 290	995 x 200 x 295	1084 x 221 x 320
	Packing Dimension (WxHxD)		mm	920 x 240 x 365	920 x 240 x 365	1070 x 370 x 275	1160 x 400 x 315
	Net Weight		Kg	8.5	8.5	11.5	14
	Gross Weight		Kg	10.5	10.5	14	18
Outdoor unit	Compressor	Type		DC Rotary	DC Rotary	DC Rotary	DC Rotary
		Input Watt	W	855	855	995	1150
		Rated Load Amps. (RLA)	A	4.95	5.30	6.87	9.70
	Fan Motor	Power	W	70 / 60	75 / 66	119 / 96	166 / 105
		Speed	r/min	890 / 770	940 / 835	860 / 680	800 / 600
	Noise Level		dB(A)	55	55	58	58
	Unit Dimension (WxHxD)		mm	700 x 240 x 540	780 x 250 x 540	760 x 285 x 590	845 x 320 x 700
	Packing Dimension (WxHxD)		mm	815 x 325 x 580	910 x 335 x 585	887 x 355 x 645	965 x 395 x 755
	Net Weight		Kg	25	28	34.5	44
	Gross Weight		Kg	27	30	37	48
Refrigerant Type		g	R410A / 550g	R410A / 700g	R410A / 980g	R410A / 1180g	
Design Pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Refrigerant Piping	Liquid side/ Gas side	mm (inch)	φ6.35/φ9.53 (1/4" x 3/8")	φ6.35/φ12.7(1/4" x 1/2")	φ6.35/φ12.7 (1/4" x 1/2")	φ9.53/φ16.0 (3/8" x 5/8")	
	Max. refrigerant pipe length	m	20	20	25	25	
	Max. difference in level	m	8	8	10	10	

Specifications and illustrations subject to change without notice and without incurring obligations.



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