



Westinghouse



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 30% more efficient than standard models, and the outdoor units are as quiet as 55 decibels.

R-410A

**19
SEER**

Capacity Range:
9,000 - 24,000 Btu/h

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	WIWPV-09KNW1	WIWPV-12KNW1	WIWPV-18KNW1	WIWPV-24KNW1	
		Outdoor	WCHPV-09KCR1	WCHPV-12KCR1	WCHPV-18KCR1	WCHPV-24KCR1	
Power Supply		V-Hz-Ph	208/230V~, 60Hz ,1Phase				
SEER		Btu/h·W	18.0	19.0	17.0	17.0	
Cooling	Nominal Capacity	Btu/h	9,000	12,000	18,000	23,100	
	Input	W	650	970	1,545	2,095	
	Rated Current	A	2.85	4.22	6.72	9.1	
Heating	Nominal Capacity	Btu/h	10,000	12,500	18,000	24,000	
	Input	W	580	860	1,375	2,055	
	Rated Current	A	2.52	3.74	5.98	8.93	
Indoor unit	Fan Motor	Power Output	W	20	20	36	36
		Speed (Hi/Med/Lo)	r/min	1250/1000/900	1250/1000/900	1285/1245/1040	1285/1245/1040
	Indoor Air Flow (Hi/Med/Lo)		m3/h	680/540/490	730/580/530	1060/1000/860	1250/1150/1000
	Moisture Removal		(L/h)	1.0	1.2	1.8	2.5
	Noise Level(Hi/Mi/Lo)		dB(A)	41/34/30	40/33/30	48/45/42	48/45/42
	Unit Dimension (WxHxD)		mm	845x165x286	845x165x286	1080x200x320	1080x200x320
	Packing Dimension (WxHxD)		mm	905x285x355	905x285x355	1180x425x310	1180x425x310
	Net Weight		Kg	9	9	14.5	14.5
Gross Weight		Kg	11	11	20	20	
Outdoor unit	Compressor	Type		DC Rotary	DC Rotary	DC Rotary	DC Rotary
		Input Watt	W	855	855	1150	1150
		Rated Load Amps. (RLA)	A	5.3	5.3	9.7	9.7
	Fan Motor	Power Output	W	35	35	53	53
		Speed	r/min	800/550	800/550	800/600	790/540
	Noise Level		dB(A)	55	55	58	60
	Unit Dimension (WxHxD)		mm	760x285x590	760x285x590	845x335x695	895x330x860
	Packing Dimension (WxHxD)		mm	887x355x645	887x355x645	965x395x755	1043x395x915
	Net Weight		Kg	38.5	39.5	50	62
	Gross Weight		Kg	41	42	54	67
Refrigerant Type		g	R410A/1100g	R410A/1250g	R410A/1650g	R410A/1900g	
Design Pressure		MPa	4.2/1.5	4.2/1.5	4.2/1.5	4.2/1.5	
Refrigerant Piping	Liquid side	mm(inch)	φ6.35 (1/4")	φ6.35 (1/4")	φ6.35 (1/4")	φ9.53 (3/8")	
	Gas side	mm(inch)	φ9.53 (3/8")	φ12.7 (1/2")	φ12.7 (1/2")	φ16.0 (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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