



# RESIDENTIAL *pro*

Split Air Conditioners



21WA SERIES PRO ULTRA 10



## PRODUCT FEATURES

- Rapid Cooling
- Auto Restart Capability
- LED Display
- Self Diagnostic
- Sleep Mode
- Whisper Quiet
- Modern Elegant Design

BTU  
12K-36K



ISO 14001

ISO 9001

# SPECIFICATIONS | 60Hz

**21WA SERIES PRO ULTRA 10**  
**High Wall Cooling Systems**  
**Split System Cooling Unit**  
**Cooling: 12,000Btuh-36,000Btuh**  
**(3.2-10.6kW)**

## INDOOR UNIT FEATURES

- ✓ WIRELESS LCD Remote Control
- ✓ AUTO setting for Cooling, Dehumidifying, Fan
- ✓ AUTO RESTART
- ✓ TIMER
- ✓ SLEEP Mode
- ✓ AUTO SWING ( Vertical )
- ✓ TURBO Cooling Function
- ✓ LED Display
- ✓ Cleanable Cartridge Filters
- ✓ EASY CONNECT Flare Connections

## OUTDOOR UNIT FEATURES

- ✓ ROTARY Compressor
- ✓ SUPER QUIET Operation
- ✓ 10.0 SEER in Cooling Mode.
- ✓ High Efficiency Cooling
- ✓ DURABLE CABINET with protective coating
- ✓ EASY CONNECT Flare Connections

### Notes

1. Nominal capacities are based on ARI standards 210 / 240 - 89, air entering the indoor coil operating at high fan, speed for 220 volt, 60 Hz operation.  
Cooling: 80/67 ° F (27/19 ° C) DB/WB indoor & 95 ° F (35 ° C) ambient temperature.
2. Ratings are based on indoor and outdoor units connected by 16 ft (5 m) of tubing.
3. Refrigerant metering device is installed in the outdoor unit as standard.
4. Flare fittings are provided for connecting indoor and outdoor units.
5. Insulation of both liquid and suction line is required.
6. Outdoor units are shipped with full operating charge.
7. For details of model number nomenclature, please refer to publication DCTNOM-50314



PHYSICAL DATA							
I N D O O R	MODEL NO.	21WA	012C 22-035DWA	018C 22-053DWA	024C 22-070DWA	036C 22-105DWA	
	Cooling Capacity	Btuh (kW)		12,000 (3.5)	18,000 (5.3)	24,000 (7.0)	36,000 (10.5)
	Efficiency - SEER	Btuh/w (W/W)		10.0 (2.8)			
	Refrigerant Control		Capillary tube@Outdoor Unit				
	Power Consumption (W)			1,450	1,800	3,210	4,300
	Fan	Type	Cross Flow Fan				
		Speed		3	3	3	3
		Air Flow - Hi CFM (m³/hr)		324 (550)	382 (650)	500 (850)	852 (1500)
		Noise Level (dBa) Low/Hi		42-51	44-53	47-59	59-66
		Motor (Watts) Input		38	56	68	114
	Coil Type: Al. Fins; Tubes; P-Plain; G-Groove		Grooved Copper Tubes - Aluminum Hydrophilic Fin				
	Air Filter		Cleanable Cartridge Type				
	Electrical	Volts	208/230/1/60				
Range		min 198 - max 264					
FLA			0.17	0.25	0.30	0.51	
Controls		LCD Wireless Remote Control					
Refrigerant Connections inches (mm)	Type	Flare					
	Liquid		1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	
Drain Connections inches (mm)	Suction		1/2 (12)	1/2 (12)	1/2 (12)	3/4 (19)	
			3/4 (19)	3/4 (19)	3/4 (19)	3/4 (19)	
Dimensions inches (mm)	Height		6 (177)	7 1/8 (180)	7 (200)	9 (253)	
	Width		31 1/8 (790)	33 1/4 (845)	37 (940)	53 1/8 (1350)	
	Depth		10 1/2 (265)	11 (281)	11 3/4 (298)	12 3/4 (326)	
Net Weight lbs (kgs)			20 (9)	22 (10)	29 (13)	44 (20)	
O U T D O O R	MODEL NO.	30HA (3A)	012C 22-035DLA	018C 22-053DLA	024C 22-070DLA	036C 22-105DLA	
	Compressor Type		Rotary				
	Fan	No of Fans		1	1	1	1
		Noise Level (dBa)		62	63	66	70
		Fan Motor FLA		0.28	0.28	0.30	0.31
	Refrigerant Connections inches (mm)	Type	Flare				
		Liquid		1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)
	Refrigerant R22 ( oz./kg. )	Suction		1/2 (12)	1/2 (12)	1/2 (12)	3/4 (19)
				21.2 / 0.6	33.9 / 0.96	44.1 / 1.25	91.8 / 2.6
	Electrical	Voltage	208/230/1/60				
		Range (min-max)	min 198 - max 264				
		Compressor RLA (Amps)		5.00	8.40	9.70	15.4
		Compressor LRA (Amps)		27.0	44.0	56.0	95.0
Minimum Circuit Amps (MCA)			6.70	11.0	12.7	20.1	
MAX. Fuse Amps (MFA-MOCP)			11.7	19.4	22.1	35.5	
Dimensions inches (mm)	Height		21 1/4 (540)	21 1/4 (540)	26 3/4 (680)	31 (790)	
	Width		30 1/2 (776)	33 1/3 (848)	35 (913)	42 3/4 (1085)	
	Depth		12 1/2 (320)	12 1/2 (320)	14 7/8 (378)	16 4/5 (427)	
MAX. Pipe Distance Ft. (m)	Height		32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)	
	Length		65.6 (20)	65.6 (20)	82.1 (25)	65.6 (20)	
Net Weight lbs (kgs)			66 (30)	90.2 (41)	101.2 (46)	160.6 (73)	



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