



RESIDENTIAL

en-pro

Split Air Conditioners



21WC SERIES ULTRA ENPRO 12



PRODUCT FEATURES

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

BTU
12K-24K



ISO14001

ISO9001

SPECIFICATIONS | 60Hz

21WC SERIES ULTRA ENPRO 12
High Wall Cooling Systems
Split System Cooling Unit
Cooling: 12,000Btuh-24,000Btuh
(3.5-7.0kW)

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
- ✓ 12.0 SEER in Cooling Mode.
- ✓ High Efficiency Cooling
- ✓ DURABLE CABINET with protective coating

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 U N I T	MODEL NO.	21WC	012C 24-035DWC	018C 24-053DWC	024C 24-070DWC	
	Cooling Capacity Btuh (kW)			12,000 (3.5)	18,000 (5.3)	24,000 (7.0)
	Efficiency	SEER (W/W)	12.0 (3.5)			
	Refrigerant Control	Capillary tube @ Outdoor Unit				
	Power Consumption (W)		1,235	1,800	2,800	
	Fan	Type	Cross Flow Fan			
		Speed		3	3	3
		Air Flow - Hi CFM (m³/hr)		324 (550)	382 (650)	500 (850)
		Noise Level (dbA) Low/Hi		42/47	47/59	44/55
		Motor Input (Watts)		35.5	56	68
	Coil Type: Al. Fins; Tubes; P- Plain; G- Grooved		Grooved Copper Tubes - Aluminum Hydrophilic Fin			
	Air Filter		Cleanable Cartridge Type			
	Electrical	Volts	208/230/160			
		Range	min 187 - max 253			
FLA		0.15	0.25	0.30		
Controls		LCD Wireless Remote Control				
Refrigerant Connections inches (mm)	Type	Flare				
	Liquid		1/4 (6)	1/4 (6)	1/4 (6)	
	Suction		1/2 (12)	1/2 (12)	1/2 (12)	
Drain Connections inches (mm)		3/4 (19)	3/4 (19)	3/4 (19)		
Dimensions inches (mm)	Height		7 (178)	7 (178)	7 7/8 (200)	
	Width		31 1/8 (790)	33 1/4 (845)	37 (940)	
	Depth		10 1/2 (265)	11 (281)	11 3/4 (298)	
Net Weight lbs (kgs)		20 (9)	22 (10)	29 (13)		
O U T D O O R U N I T	MODEL NO.	30HC	012C 24-035DLC (3A)	018C 24-053DLC(3A)	024C 24-070DLC(3A)	
	Compressor Type		Rotary			
	Fan	No of Fans		1	1	1
		Noise Level Hi (dbA)		62	66	68
	Coil Type:		Grooved Copper Tubes - Aluminum Blue Slit Fin			
	Refrigerant Connections inches (mm)	Type	Flare			
		Liquid		1/4 (6)	1/4 (6)	1/4 (6)
		Suction		1/2 (12)	1/2 (12)	1/2 (12)
	Electrical	Voltage	208/230/160			
		Range (min- max)	min 187 - max 253			
		Cooling Power Input Nominal (W)		1235	1800	1950
		FLA		0.28	0.30	0.31
		Compressor RLA (Amps)		5.00	7.80	8.94
		Compressor LRA (Amps)		29.5	39.0	48.0
Minimum Circuit Amps (MCA)			6.68	10.3	11.8	
Max. Fuse Amps (MFA-MOCP)			10	15	20	
Refrigerant R410 (oz./kg.)		22.2 / 0.63	35.3 / 1.0	42.3 / 1.2		
Dimensions inches (mm)	Height		21 1/4 (540)	21 1/4 (540)	26 3/4 (680)	
	Width		30 (785)	33 1/3 (848)	35 (913)	
	Depth		12 1/2 (320)	12 1/2 (320)	14 7/8 (378)	
Net Weight lbs (kgs)		66 (30)	90.2 (41)	101.2 (46)		



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