



## 26WC Series INSPIRE ULTRA 16 Hi Wall Inverter Systems



All Systems Include Copper/Copper Tubing Kit

# SPECIFICATIONS | 60Hz

## 26WC Series INSPIRE Ultra 16 High Wall Inverter Systems Split System Cooling Unit Cooling : 3,600-25,600 Btuh (1.1 - 7.5 kW)

### 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

- ✓ DC INVERTER ROTARY Compressor
- ✓ SUPER QUIET Operation
- ✓ 16.0 SEER in Cooling Mode.
- ✓ High Efficiency Cooling
- ✓ LOW VOLTAGE Start Up
- ✓ SOFT START
- ✓ HIGH EFFICIENCY Coils
- ✓ DURABLE CABINET with protective coating
- ✓ SELF DIAGNOSTICS

#### Notes:

- Nominal capacities are based on ARI standards 210 / 240 - 89, air entering the indoor coil, operating at high fan speed for 220-240 volt, 50 Hz operation.  
Cooling: 80/67 ° F (27/19 ° C) DB/WB indoor & 95 ° F (35 ° C) ambient temperature.
- Ratings are based on indoor and outdoor units connected by 16 ft (5 m) of tubing.
- Refrigerant metering device is installed in the outdoor unit as standard.
- Flare fittings are provided for connecting indoor and outdoor units.
- Insulation of both liquid and suction line is required.
- Outdoor units are shipped with full operating charge.
- For details of model number nomenclature, please refer to publication DCTNOM-50314

		PHYSICAL DATA				
MODEL NO.	26WC	009 I	012 I	018 I	024 I	
		24-028DWG	24-035DWG	24-053DWG	24-070DWG	
Cooling Capacity Btuh (kw)	Nominal	9,000 (2.64)	12,000 (3.52)	18,000 (5.28)	24,000 (7.0)	
	Minimum	5,000 (1.47)	3,600 (1.06)	7,170 (2.10)	8,630 (2.53)	
	Maximum	11,300 (3.31)	12,500 (3.66)	20,000 (5.86)	25,600 (7.5)	
Efficiency - SEER	Btuh/w (w/w)	16.0 (4.7)	16.0 (4.7)	16.0 (4.7)	16.0 (4.7)	
Application Area	sqft (m2)	130-195 (12-18)	170-280 (16-26)	250-470 (23-44)	290-600 (27-55)	
Dehumidification Amount	Pt/Day (L/h)	1.69 (0.8)	2.96 (1.40)	3.80 (1.80)	5.28 (2.50)	
Refrigerant Control	Capillary Tube @ Outdoor Unit					
Fan	Type	Cross Flow Fan				
	Speed	4	4	4	4	
	Air Flow CFM (m³/hr) - Hi	310 (520)	335 (570)	510 (870)	590 (1000)	
	Noise Level (dbA) Hi/Lo	41/28	42/30	48/35	51/39	
	Motor (Amps)	0.20	0.20	0.32	0.24	
Motor (Watts)	20	20	30	60		
Coil Type:	Grooved Copper Tubes - Aluminum Blue Slit Fin					
Power Supply Mode	Outdoor Unit					
Electrical	Voltage	208/230-160				
	Range	min 187 - max 253				
	FLA	0.20	0.20	0.32	0.24	
Air Filter	Removable Cartridge Type					
Controls	LCD Wireless Remote Control					
Insulated Connection Pipe Length - ft / (m)	10 (3)					
Refrigerant Connections inches (mm)	See Outdoor Unit Data					
Drain Connections inches (mm)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)	5/8 (16)	
Dimensions inches (mm)	Height	10 7/8 (275)	10 7/8 (275)	11 3/4 (298)	12 3/8 (315)	
	Width	33 1/4 (845)	33 1/4 (845)	37 (940)	39 5/8 (1007)	
	Depth	7 1/8 (180)	7 1/8 (180)	7 7/8 (200)	8 5/8 (219)	
Net Weight lbs (kg)	19.8 (9)	22 (10)	26.5 (12)	33.1 (15)		
MODEL NO.	35HC	009 I	012 I	018 I	024 I	
		24-028DLG	24-035DLG	24-053DLG	24-070DLG	
Compressor Type	DC Inverter Rotary					
Outdoor Fan	No of Fans	1	1	1	1	
	Noise Level (dbA)	52	53	56	59	
Coil Type:	Grooved Copper Tubes - Aluminum Blue Slit Fin					
Electrical	Voltage	208/230-160				
	Range (min-max)	min 187 - max 253				
	Compressor LRA	16.5	16.5	25.0	25.0	
	Cooling Power Input Nominal (W)	950	1,300	1,800	2,310	
	Cooling Power Input Min-Max (W)	375-1,300	300-1,350	570-2,500	600-2,700	
	Running Amps ( Cooling )	4.0	6.0	7..9	10.3	
	Minimum Circuit Amps (MCA)	10.0	10.0	14.0	15.0	
Refrigerant R410 ( oz./kg. )	26.1 / 0.74	35.3 / 1.00	42.3 / 1.20	56.4 / 1.60		
Refrigerant Connections inches (mm)	Type	Flare				
	Liquid	1/4 (6)	1/4 (6)	1/4 (6)	1/4 (6)	
MAX Pipe Distance Ft. (m)	Suction	3/8 (10)	3/8 (10)	1/2 (12)	5/8 (16)	
	Height	33 (10)	33 (10)	33 (10)	33 (10)	
Dimensions inches (mm)	Length	50 (15)	50 (15)	82 (25)	82 (25)	
	Height	21 5/8 (550)	21 5/8 (550)	27 1/2 (700)	27 1/2 (700)	
	Width	28 (710)	28 (710)	37 5/8 (955)	37 5/8 (955)	
Depth	Length	12 1/2 (318)	12 1/2 (318)	15 5/8 (396)	15 5/8 (396)	
	Depth	12 1/2 (318)	12 1/2 (318)	15 5/8 (396)	15 5/8 (396)	
Net Weight lbs (kg)	60.6 (27.5)	65 (29 1/2)	97 (44)	108 (49)		



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