



LOTUUS

PREMIUM

EN-PRO 13

Latin America & Caribbean **60Hz**



MINI SPLIT SYSTEMS

AIR-CONDITIONER

13SEER



Lock



Timer



Sleeping Mode



LED



Automatic
Operation



Auto Restart



Cooling



Self-Diagnosis



Dehumidifying



Vertical swing

PERFECTLY ENGINEERED FOR YOUR COMFORT



CERTIFICATIONS

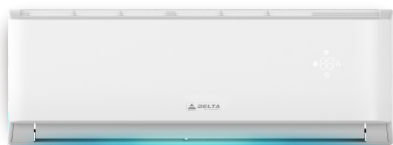
TECHNICAL SPECIFICATIONS

High Wall Systems **22WJ Series Ultra En-Pro 13** Split System Cooling Unit

INDOOR UNIT



9-24K



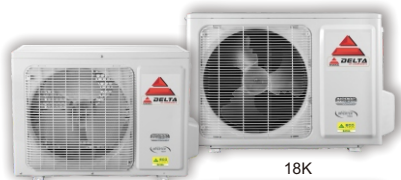
36K

Wireless LCD Remote Control
Auto Fan Settings
Auto Restart
Timer
Sleep Mode
Auto Swing (Vertical)
Turbo Cooling Function
LED Display
Cleanable Cartridge Filters
Easy Indoor-to-Outdoor Unit Connections



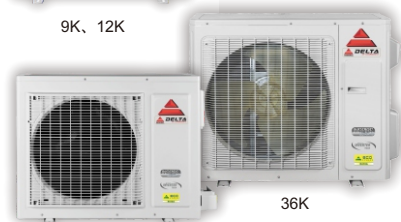
INDOOR UNIT MODEL NO.		22WJ009C24-026CWDXZ	22WJ012C24-035CWDXZ	22WJ018C24-053CWDXZ	22WJ024C24-070CWDXZ	21WC036C24-097DWC
Cooling Capacity (Btuh(kW))		9001 (2.638)	11500 (3.37)	17504(5.13)	22000(6.45)	33000(9.67)
Efficiency EER (W/W)		2.81	2.92	2.85	2.87	2.93
Electrical	Power Supply (V/Ph/Hz)	220/1/60	220/1/60	220/1/60	220/1/60	230/1/60
	Fan Motor RLA	0.15	0.2	0.37	0.5	0.46
	Control Type	LCD Wireless Remote Control				
Fan	Power Consumption (W)	938	1154	1800	2250	3300
	Type	Cross-flow	Cross-flow	Cross-flow	Cross-flow	Cross-flow
	Cooling Speed (r/min)	1350/1200/1000/850	1450/1200/1050/950	1350/1200/1050/900	1300/1150/1000/850	1450/1350/1200/1050
	Air Flow Volume(m³/hr)	470/420/320/250	550/500/430/330	900/850/750/600	1200/1060/930/800	1450/1350/1150/1000
	Sound Pressure Level(dB(A))	40/37/32/27	42/38/34/30	47/44/40/36	50/46/42/38	56/54/50/47
	Sound Power Level (dB(A))	50/47/42/37	52/48/44/40	57/54/50/46	60/56/52/48	66/64/60/57
	Motor Output Power (W)	10	20	35	35	60
Evaporator	Evaporator Form	Aluminum Fin-copper Tube				
	Pipe Diameter (inch(mm))	1/4 " (φ6)	0.333 " (φ7.94)	0.276 " (φ7)	0.276 " (φ7)	0.276 " (φ7)
Connection Pipe	Outer Diameter of Liquid Pipe (inch(mm))	1/4 " (φ6)	1/4 " (φ6)	1/4 " (φ6)	1/4 " (φ6)	1/4 " (φ6)
	Outer Diameter of Gas Pipe (inch(mm))	3/8 " (φ9.5)	1/2 " (φ12)	1/2 " (φ12)	5/8 " (φ16)	3/4 " (φ19)
	Max Distance Height (ft(m))	32.8 (10)	32.8 (10)	32.8 (10)	32.8 (10)	65.6 (20)
	Max Distance Length (ft(m))	49.2 (15)	65.5 (20)	82(25)	82 (25)	98.4 (30)
Dimensions	L×W×H (inch)	27.48x9.843x7.283	30.433x9.843x7.087	38.189x11.811x8.858	42.441x12.795x9.685	53.15x12.835x9.961
	L×W×H (mm)	698x250x185	773x250x180	970x300x225	1078x325x246	1350x326x253
	Package (L×W×H) mm	745×309×259	822×322×255	1020×369×300	1145×400×330	1441×421×367
Net Weight (lb(kg))		16.5 (7.5)	18.7 (8.5)	29.8 (13.5)	36.382 (16.5)	44 (20)

OUTDOOR UNIT



9K, 12K

18K



24K

36K

Rotary Compressor
Superquiet Operation
13.0 Seer in Cooling Mode
High Efficiency Cooling
Durable cabinet with protective coating

OUTDOOR UNIT MODEL NO.		32HJ009C24-026CWDXZ(3C)	32HJ012C24-035CWDXZ(3C)	32HJ018C24-053CWDXZ(3C)	32HJ024C24-070CWDXZ(3C)	31HC036C24-097DGC(3C)
Compressor	RLA (A)	3.9	5.0	7.90	8.55	14.70
	LRA (A)	18	29	39	53	76
	Power Input	844	1124	1680	2120	3050
	Type	Rotary				
Electrical Power Supply (V-Ph-Hz)		220/1/60	220/1/60	220/1/60	220/1/60	230/1/60
Sound Pressure/Power Level (dB(A))		50/60	52/62	53/63	54/64	58/68
Condenser	Form	Aluminum Fin-copper Tube				
	Pipe Diameter (inch)mm	0.2 (φ5)	0.275 (φ7)	0.2 (φ5)	0.374 (φ9.52)	0.3125 (φ7.94)
	Coil Length (mm)	708×11.4×495	730×12.7×495	763×22.8×495.3	811×22×660	953×57.15×748
	Rows-fin Gap (mm)	1-1.4	1-1.4	2-1.4	1-1.4	2.5-1.5
Moisture Protection		IPX4	IPX4	IPX4	IPX4	IP24
Ambient Temperature Range °F(°C)		64~118 (18~48)	64 ~ 109 (18~43)			
Refrigerant	Type	R410A				
	Charge (oz (kg))	16.2 (0.46)	24.7 (0.7)	29.3 (0.83)	44.1 (1.25)	84.7 (2.4)
Dimensions	L×W×H (inch)	30.551×21.26×12.598	30.551x21.26x12.598	33.386x21.26x12.598	35.945x26.772x14.882	38.583x31.102x16.811
	L×W×H (mm)	776×540×320	776x540x320	848x540x320	913x680x378	980x790x427
	Package (L×W×H) mm	823×358×595	823×358×595	881×363×595	997×431×740	1083×488×855
Net Weight (lb(kg))		50.7 (23)	57.3 (26)	75 (34)	103.635 (47)	149.9 (68)

1. Nominal Capacities are based on ARI Standards 210/240-89.
2. Fittings are provided for connecting the indoor and outdoor units.
3. Outdoor units are shipped with full refrigerant operating charge.
4. Specification and performance data listed herein are subject to change without notice.

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People. Process. Passion

