



UP TO
27
SEER



Maximum Efficiency,
Maximum Savings





HI WALL

Inverter
60 Hz



FEATURES

R-410A REFRIGERANT

- ◆ Ultra high efficiency up to 27 SEER
- ◆ 4-way airflow operation (Swing)
- ◆ Extended airflow (9k & 12k sizes)
- ◆ 7 Fan speeds-from minimum to turbo
- ◆ Golden corrosion protected condenser
- ◆ Photocatalytic filter
- ◆ Low ambient cooling to 5°F
- ◆ Low voltage start-up
- ◆ Intelligent defrost
- ◆ Comfortable sleep mode
- ◆ Auto clean
- ◆ Dry anti-mildew design
- ◆ LED display
- ◆ Automatic operation
- ◆ Self-diagnosis
- ◆ Memory function
- ◆ 24-hour timer
- ◆ Control lock
- ◆ Fan delay function
- ◆ Energy savings function



TECHNICAL SPECIFICATIONS

Outdoor Unit Model No.		CG43DX009-H3H1H	CG43DX012-H3H1H	CG43DX018-H3H1H	CG43DX024-H3H1H
Model number including piping kit		CG43DX009PH3H1H	CG43DX012PH3H1H	CG43DX018PH3H1H	CG43DX024PH3H1H
Power supply		208-230V / 60Hz			
System type		Heat Pump			
Power Supply		208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz	208-230V / 60Hz
Rated Current (A) Cooling	Amps	5.7	6	8.01 / 7.25	9.81 / 8.87
Rated Current (A) Heating	Amps	5.2	5.5	8.44 / 7.63	11.38 / 10.29
Cooling Capacity (Min-Max)	Btu/h	9,000 (3,500-9,600)	12,000 (3,100-13,000)	18,000 (3,412-22,178)	24,000 (6,824-29,343)
Heating Capacity (Min-Max)	Btu/h	9,800 (2,200-11,000)	13,000 (2,400-14,000)	19,000 (3,412-23,202)	25,000 (7,506-37,532)
SEER/EER		27 / 14.5	25 / 12.8	21 / 12	21 / 12
HSPF		9	9	8.5	9.5
Compressor type		DC Inverter-driven			
Sound Pressure Level	db (A)	49	49	56	59
Unit Dimension (WxHxD)	inches	35.4 x 23.5 x 14.9	33.4 x 23.2 x 12.6	37.6 x 27.6 x 15.6	38.6 x 31.1 x 16.8
Package Dimension (WxHxD)	inches	37.3 x 25.4 x 16.5	34.6 x 28.9 x 18	40.4 x 28.9 x 18	42.6 x 33.1 x 19.1
Net / Gross Weight	lb	86 / 91	108 / 118	108 / 118	154 / 165
Refrigerant / Charge	oz.	R410A / 45.9	R410A / 56.4	R410A / 56.4	R410A / 91.7
Indoor Unit Model No.		CH43DX009-H3H1H	CH43DX012-H3H1H	CH43DX018-H3H1H	CH43DX024-H3H1H
Air Flow - H/M/L/mute		CFM 300/247/182	CFM 312/259/182	CFM 512/418/330/282	CFM 588/471/353/294
Sound Pressure Level - H/M/L		db (A) 38/34/26	db (A) 38/34/26	db (A) 47/41/36	db (A) 49/45/41
Unit Dimension (WxHxD)		inches 34.1 x 11.5 x 8.2	inches 34.1 x 11.5 x 8.2	inches 43.1 x 15.6 x 12.8	inches 49.3 x 16.2 x 13.7
Package Dimension (WxHxD)		inches 37.2 x 14.9 x 11.7	inches 37.2 x 14.9 x 11.7	inches 43.2 x 15.6 x 13.4	inches 49.4 x 16.3 x 14.3
Net / Gross Weight		lb 25 / 31	lb 25 / 31	lb 31 / 39	lb 39 / 47
Line Set Size (Liquid - Suction)		inches 1/4" - 3/8"	inches 1/4" - 1/2"	inches 1/4" - 5/8"	inches 1/4" - 5/8"
Pre-Charge		Feet 25	Feet 25	Feet 25	Feet 25
Max. Line Run		Feet 50	Feet 66	Feet 82	Feet 98
Max. Elevation		Feet 33	Feet 33	Feet 33	Feet 33
MCA		Amps 10	Amps 10	Amps 15	Amps 20
MOCP		Amps 20	Amps 20	Amps 20	Amps 30



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