STEALTH

EMERALD

SINGLE-ZONE SERIES

SUB ZERO HEATING

The Emerald heat pump units provide Sub Zero heating & cooling powered by the 2 stage / 3 cylinder variable speed compressor. Each outdoor coil has corrosion-resistant, acrylic resin coil coating to maintain energy efficiency in the harshest climates.

- HIGH EFFICIENCY, UP TO 23 SEER / 11 HSPF
- WIFI INCLUDED
- COOLING RANGE: 0°F - 115°F
- HEATING RANGE: -4°F - 75°F
- SOUND LEVELS DOWN TO 53 DB(A) ON OUTDOOR UNIT
- 9,000 - 36,000 BTU MODELS

MODEL System Type		SC-09ZGLD-HP230 / SC-09WGLD-HP230	SC-12ZGLD-HP230 / SC-12WGLD-HP230	SC-18ZGLD-HP230 / SC-18WGLD-HP230	SC-24ZGLD-HP230 / SC-24WGLD-HP230	SC-36ZGLD-HP230 / SC-36WGLD-HP230
SYSTEM PERFORMANCE			HEAT PUMP			
Cooling Capacity (Min-Max)	Btu/h	9000 (3100 - 9600)	12000 (3100 - 13000)	18000 (6800 - 20000)	22000 (6824 - 27296)	33600 (7404 - 35997)
Heating Capacity (Min-Max)	Btu/h	11000 (1911 - 12000)	13000 (2400 - 14000)	19800 (7340 - 23500)	23000 (6824 - 30708)	34600 (14979 - 35997)
SEER / EER		23 / 14.3	22 / 12.5	20 / 12.5	20 / 12.5	18 / 8.2
HSPF / COP		10.5 / 3.16	10.1 / 3.46	10 / 3.35	10 / 3.7	9 / 2.67
Energy Star®		YES			NO	
Cooling Temperature Range	˚F	0 - 115	0 - 115	0 - 115	0 - 115	0 - 109
Heating Temperature Range	˚F	-4 - 75	-4 - 75	-4 - 75	-4 - 75	-4 - 75
INDOOR UNIT		**SC-09WGLD-HP230**	**SC-12WGLD-HP230**	**SC-18WGLD-HP230**	**SC-24WGLD-HP230**	**SC-36WGLD-HP230**
Air flow (Min-Max)	CFM	171 - 377	171 - 400	335 - 559	530 - 706	559 - 883
Sound Pressure Level (Cooling / Heating)	dB(A)	29 - 43 / 29 - 43	26 - 43 / 28 - 43	39 - 47 / 36 - 47	36 - 48 / 37 - 48	37 - 54 / 37 - 54
Dehumidification	pt/hr	1.69	2.96	3.8	4.23	7.4
Condensate Drain Size (OD)	in	5/8	5/8	5/8	5/8	5/8
Unit Dimension (WxHxD)	in	33 5/16 × 11 7/16 × 8 5/16	33 5/16 × 11 7/16 × 8 5/16	38 3/16 × 11 13/16 × 8 7/8	42 7/16 × 12 13/16 × 9 3/4	53 1/8 × 12 13/16 × 10
Package Dimension (WxHxD)	in	36 1/8 x 14 5/16 x 11	36 1/8 x 14 5/16 x 11	41 x 15 x 12	45 1/4 x 16 1/8 x 13 1/8	56 5/8 x 16 1/2 x 13 7/8
Weight (Net / Gross)	lbs	22.1 / 26.5	22.1 / 26.5	27.6 / 34.2	34.2 / 41.9	40.8 / 50.7
OUTDOOR UNIT		**SC-09ZGLD-HP230**	**SC-12ZGLD-HP230**	**SC-18ZGLD-HP230**	**SC-24ZGLD-HP230**	**SC-36ZGLD-HP230**
Compressor Type			GREE G-10 / 2 - STAGE INVERTER			
Sound Pressure Level (Cooling / Heating)	dB(A)	53 / 53	54 / 54	55 / 55	59 / 59	65 / 65
Unit Dimension (WxHxD)	in	33 7/16 × 21 3/16 × 12 5/8	33 7/16 × 23 5/16 × 12 5/8	37 5/8 × 27 5/8 × 15 5/8	38 5/8 × 31 1/8 × 16 13/16	39 1/2 × 31 1/8 × 16 13/16
Package Dimension (WxHxD)	in	34 5/8 × 22 13/16 × 14 3/16	34 5/8 × 24 13/16 × 14 3/16	40 7/16 × 28 7/8 × 17 7/8	42 1/2 × 33 × 19 1/8	42 1/2 × 33 × 19 1/8
Weight (Net / Gross)	lbs	78.3 / 83.8	86.0 / 92.6	105.8 / 115.8	142.2 / 153.2	158.8 / 169.8
Refrigerant Charge - R410A	oz	45.9	47.6	56.4	77.6	91.7
Coil Type			Aluminum Fin-Copper Tube / Acrylic Resin Protection			
REFRIGERANT PIPING						
Line Set Size (Liquid - Gas)	in	1/4 - 3/8	1/4 - 1/2	1/4 - 5/8	1/4 - 5/8	1/4 - 5/8
Pre-Charge Length	ft		25			
Pipe Length (Min / Max)	ft	10 / 49	10 / 66	10 / 82	10 / 82	10 / 98
Max. Pipe Elevation	ft	33	33	33	33	33
ELECTRICAL						
Power Supply		115V / 1Ph / 60Hz			208-230V / 1Ph / 60Hz	
Rated Current Cooling	amps	5.8	6	10.3	14.5	20
Rated Current Heating	amps	6	6.3	126	14.5	20
MCA	amps	15	9	16	20	24
MOCP	amps	25	15	25	30	40
Main Power Wire Size	AWG		Per Local Code			
Interconnecting Wire Size	AWG			14 / 4		
LIMITED WARRANTY				12 + 1 YEAR WARRANTY		