

Designer



- UP TO 18 SEER / 10 HSPF
- HEATING RANGE: 0°F - 75°F
- COOLING RANGE: 0°F TO 118°F
- SLEEK LOOK TO BLEND WITH YOUR DECOR
- SUPERIOR CONTROL

DISCRETE AND ELEGANT DESIGN.

The Stealth Designer unit can cool and heat in extreme conditions ranging from 0 F to 118 F with utmost energy efficiency. All sizes include 2 stage / 3-cylinder variable speed compressor technology. With 3 air handler options to choose from, Stealth Designer Series will flawlessly blend with any decor.



Designer



OUTDOOR UNIT

MODEL	SC-18Z-UM	SC-24Z-UM	SC-36Z-UM	SC-42Z-UM	SC-48Z-UM
System Type	HEAT PUMP				
SYSTEM PERFORMANCE					
Cooling Capacity (Min-Max)	Btu/h 17100 (5400 - 19800)	23800 (7400 - 29000)	34000 (10800 - 39000)	39500 (11000 - 41000)	48000 (20400 - 50500)
Heating Capacity (Min-Max)	Btu/h 18800- (2457 - 11500)	13000 (2388 - 13648)	24000 (4500 - 25900)	30000 (7848 - 36000)	34600 (8530 - 37020)
Energy Star®	NO				
Cooling Temperature Range	°F 0 - 118				
Heating Temperature Range	°F 0 - 75				
OUTDOOR UNIT MODEL	SC-18Z-UM	SC-24Z-UM	SC-36Z-UM	SC-42Z-UM	SC-48Z-UM
Compressor Type	G-10 / 2 - STAGE INVERTER				
Sound Pressure Level (Cooling / Heating)	dB(A) 56 / 56	57 / 57	63 / 63	61 / 61	59 / 59
Unit Dimension (WxHxD)	in 37 5/8 x 27 5/8 x 15 5/8	37 5/8 x 27 5/8 x 15 5/8	43 1/2 x 43.5/16 x 17 5/16	37 13/16 x 53 1/8 x 16 1/8	37 13/16 x 53 1/8 x 16 1/8
Package Dimension (WxHxD)	in 40 7/16 x 29 x 18	42 1/2 x 33 1/8 x 19 1/8	45 1/2 x 44 x 19	40 5/16 x 54 5/16 x 17 5/16	40 5/16 x 54 5/16 x 17 5/16
Weight (Net / Gross)	lbs 105.8 / 114.7	152.1 / 163.2	205.1 / 222.7	209.5 / 231.5	231.5 / 253.6
Refrigerant Charge - R410A	oz 49.4	77.6	123.5	130.5	141.1
Coil Type	Aluminum Fin-Copper Tube / Acrylic Resin Protection				
REFRIGERANT PIPING					
Line Set Size (Liquid - Gas)	in 1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Pre-Charge Length	ft 25				
Pipe Length (Min / Max)	ft 10 / 164	10 / 164	10 / 164	10 / 164	10 / 230
Max. Pipe Elevation	ft 49				
ELECTRICAL					
Power Supply	208-230V / 1Ph / 60Hz				
Rated Current Cooling	amps 12.8	19.4	23.8	25.1	34.3
Rated Current Heating	amps 12.3	20.5	24.3	24.8	19
MCA	amps 17	24	29	31	45
MOCP	amps 25	40	45	50	70
Main Power Wire Size	AWG Per Local Code				
Communication Wire Size	AWG 18 / 2				
LIMITED WARRANTY	12 + 1 YEART WARRANTY				

- G10 inverter technology
- Heavy gauge steel cabinet
- Cooling range: 0°F - 118°F
- Eco-friendly R410A refrigerant
- Remote & wired controller options
- Sound levels down to 56 dB(A) on outdoor unit
- Self-diagnosis
- Washable, polymeric air filters
- Automatic voltage adaption
- Multiple fan speeds
- Swing louver control

SINGLE-ZONE VERSATILITY

Designer

INDOOR UNIT

Stealth Designer single zone systems, featuring an inverter heat pump, are the green choice of environmentally conscious business owners and everywhere.



CEILING CASSETTE

Suitable for any room; installs easily in suspended ceilings.



UNIVERSAL FLOOR / CEILING

Slender, lightweight and attractive; ideal for limited spaces. Suspend from ceiling or mount low on wall.



SLIM DUCT

Hides above suspended ceiling or in closet space; delivers air via ducting or suitable ceiling / wall grilles.

CEILING CASSETTE

MODEL		SC-18CC-UM	SC-24CC-UM	SC-36CC-UM	SC-42CC-UM	SC-48CC-UM
System Type		HEAT PUMP				
SYSTEM PERFORMANCE						
Cooling Capacity (Min-Max)	Btu/h	17100 (5400 - 18700)	23800 (8200 - 29000)	34000 (10800 - 39000)	39500 (11000 - 41000)	48000 (20400 - 50500)
Heating Capacity (Min-Max)	Btu/h	18400 (2457 - 11500)	27200 (8200 - 32400)	41000 (9800 - 49500)	44000 (12000 - 51000)	54500 (17500 - 61500)
SEER / EER		16 / 10.05	18 / 10.65	16 / 10.35	16 / 8.95	16 / 8.7
HSPF / COP		9 / 2.7	10 / 3.38	9 / 3.2	9 / 2.92	9.3 / 3.32
Energy Star®		NO				
INDOOR UNIT						
Air flow(Nominal)	CFM	760	1300	1860	1860	2300
Sound Pressure Level (Cooling / Heating)	dB(A)	44 - 47 / 44 - 47	42 - 47 / 42 - 47	46 - 51 / 46 - 51	46 - 51 / 46 - 51	47 - 53 / 47 - 53
Dehumidification	pt/hr	3.8	5.1	7.2	7.8	9.5
Condensate Drain Size (OD)	in	1				
Unit Dimension (WxHxD)	in	26 1/8 x 23 7/16 x 9 7/16	36 x 33 1/8 x 9 7/16	36 x 33 1/8 x 12 5/8	36 x 33 1/8 x 12 5/8	36 x 36 x 11 7/16
Package Dimension (WxHxD)	in	30 1/2 x 28 7/8 x 11 1/4	45 1/8 x 37 5/8 x 12 7/8	45 1/8 x 37 5/8 x 16	45 1/8 x 37 5/8 x 16	40 1/4 x 39 x 14 1/4
Weight (Net / Gross)	lbs	20 / 24	27 / 38	32 / 44	32 / 44	43 / 50
REFRIGERANT PIPING						
Line Set Size (Liquid - Gas)	in	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Pre-Charge Length	ft	25				
Pipe Length (Min / Max)	ft	10 / 164	10 / 164	10 / 164	10 / 164	10 / 230
Max. Pipe Elevation	ft	49				
ELECTRICAL						
Power Supply (Dedicated Circuit)		208-230V / 1Ph / 60Hz				
MCA	amps	1	1	1.5	1.5	2
MOCP	amps	15				
Main Power Wire Size	AWG	Per Local Code				
LIMITED WARRANTY		12 + 1 YEAR WARRANTY				
Grille Dimension (WxHxD)	in	26 7/16 x 26 7/16 x 2	37 1/2 x 37 1/2 x 2 7/16	37 1/2 x 37 1/2 x 2 7/16	37 1/2 x 37 1/2 x 2 7/16	41 x 41 x 2 5/8
Package Dimension (WxHxD)	in	30 x 30 x 3 1/2	40 5/8 x 40 3/4 x 4 5/8	40 5/8 x 40 3/4 x 4 5/8	40 5/8 x 40 3/4 x 4 5/8	44 5/8 x 44 5/8 x 5
Weight (Net / Gross)	lbs	3.5 / 5	7 / 11	7 / 11	7 / 11	8 / 12

UNIVERSAL FLOOR / CEILING

MODEL		SC-18FM-UM	SC-24FM-UM	SC-36FM-UM	SC-42FM-UM	SC-48FM-UM
System Type		HEAT PUMP				
SYSTEM PERFORMANCE						
Cooling Capacity (Min-Max)	Btu/h	17100 (5400-19800)	23800 (8200 - 27800)	4000 (10800 - 39000)	39500 (12000 - 42500)	48000 (20400 - 50500)
Heating Capacity (Min-Max)	Btu/h	19100 (4700 - 23200)	27200 (8200 - 30600)	41000 (9800 - 49500)	44000 (13000 - 52500)	54500 (17500 - 61500)
SEER / EER		17 / 11	16 / 10.65	16 / 10.35	16 / 9.75	16 / 8.73
HSPF / COP		9.5 / 3.6	10 / 3.38	9 / 3.2	9 / 3.2	9 / 3.48
Energy Star®		NO				
INDOOR UNIT						
Air flow (Min-Max)	CFM	585	705	1115	1115	1350
Sound Pressure Level (Cooling / Heating)	dB(A)	32 - 42 / 32 - 42	40 - 48 / 40 - 48	46 - 53 / 46 - 53	47 - 54 / 47 - 54	46 - 55 / 46 - 55
Dehumidification	pt/hr	3.40	4.50	6.80	7.20	8.9
Condensate Drain Size (OD)	in	3/4				
Unit Dimension (WxHxD)	in	48 x 27 5/8 x 8 15/16	48 x 27 5/8 x 8 15/16	5/8 55 15/16 x 27 5/8 x 9 5/8	55 15/16 x 27 5/8 x 9 5/8	66 15/16 x 27 5/8 x 9 5/8
Package Dimension (WxHxD)	in	52 13/16 x 32 5/16 x 11 13/16	52 13/16 x 32 5/16 x 11 13/16	60 13/16 x 32 1/5 x 13	60 13/16 x 32 1/5 x 13	71 15/16 x 32 1/2 x 13
Weight (Net / Gross)	lbs	39 / 48	40 / 50	48 / 56	50 / 58	59 / 68
REFRIGERANT PIPING						
Line Set Size (Liquid - Gas)	in	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Pre-Charge Length	ft	25				
Pipe Length (Min / Max)	ft	10 / 164	10 / 164	10 / 164	10 / 164	10 / 230
Max. Pipe Elevation	ft	49				
ELECTRICAL						
Power Supply (Dedicated Circuit)		208-230V / 1Ph / 60Hz				
MCA	amps	1	1	2	2	3
MOCP	amps	15				
Main Power Wire Size	AWG	Per Local Code				
LIMITED WARRANTY		12 + 1 YEAR WARRANTY!				

CONCEALED DUCT

MODEL		SC-18CD-UM	SC-24CD-UM	SC-36CD-UM	SC-42CD-UM	SC-48CD-UM
System Type		HEAT PUMP				
SYSTEM PERFORMANCE						
Cooling Capacity (Min-Max)	Btu/h	17100 (5400 - 19800)	23800 (7400 - 29000)	34000 (10800 - 39000)	39500 (12000 - 42500)	48000 (20400 - 49500)
Heating Capacity (Min-Max)	Btu/h	18800 (4700 - 23200)	27200 (8200 - 32400)	41000 (9800 - 49500)	44000 (13000 - 52500)	54500 (17500 - 58000)
SEER / EER		16/11	16 / 10.65	16 / 10.35	16 / 9.5	16 / 9.3
HSPF / COP		9.5 / 3.32	10 / 3.38	9 / 3.2	9 / 3.32	9 / 3.1
Energy Star®		NO				
INDOOR UNIT						
Air flow (Min-Max)	CFM	585	820	1175	1175	1470
External Static Pressure	In W.c.	0.12	0.3	0.4	0.4	0.5
Sound Pressure Level (Cooling / Heating)	dB(A)	28 - 39 / 28 - 39	40 - 46 / 40 - 46	44 - 52 / 44 - 52	44 - 52 / 44 - 52	45 - 53 / 45 - 53
Dehumidification	pt/hr	3	4	5.7	6.3	8
Condensate Drain Size (OD)	in	13/16	3/4	3/4	3/4	3/4
Unit Dimension (WxHxD)	in	40 3/4 x 28 5/16 x 10 7/16	50 7/16 x 22 x 10 5/8	48 1/4 x 30 1/2 x 11 7/8	16 48 1/4 x 30 1/2 x 11 7/16	52 13/16 x 29 1/2 x 13 13/16
Package Dimension (WxHxD)	in	44 1/8 x 31 5/16 x 12 1/8	53 x 23 7/16 x 10 5/8	52 5/8 x 34 7/16 x 11 7/8	16 52 5/8 x 34 7/16 x 11 7/16	56 x 32 13/16 x 17 5/16
Weight (Net / Gross)	lbs	72.6 / 83.6	74.8 / 85.8	101.2 / 116.6	101.2 / 116.6	123.2 / 154
REFRIGERANT PIPING						
Line Set Size (Liquid - Gas)	in	1/4 - 1/2	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8	3/8 - 5/8
Pre-Charge Length	ft	25				
Pipe Length (Min / Max)	ft	10 / 164	10 / 164	10 / 164	10 / 164	10 / 230
Max. Pipe Elevation	ft	49				
ELECTRICAL						
Power Supply (Dedicated Circuit)		208-230V / 1Ph / 60Hz				
MCA	amps	1	2	3	3	5
MOCP	amps	15				
Main Power Wire Size	AWG	Per Local Code				
LIMITED WARRANTY		12 + 1 YEAR WARRANTY!				