



*Designer*

DESIGNER SINGLE ZONE SERIES

## DISCRETE AND ELEGANT DESIGN.

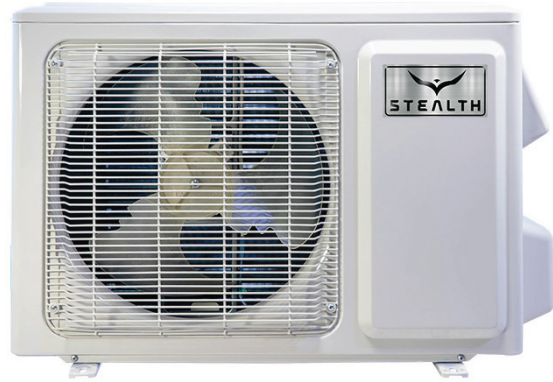
The Stealth Designer unit can cool and heat in extreme conditions ranging from 0 F to 118 F with utmost energy efficiency. Both sizes include 2 stage / 3-cylinder variable speed compressor technology. With 3 air handler options to choose from, Stealth Designer Series will flawlessly blend with any decor.

- HIGH EFFICIENCY, 20 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





*Designer*



## OUTDOOR UNIT

MODEL		SC-18Z-UM	SC-24Z-UM	SC-36Z-UM	SC-42Z-UM	SC-48Z-UM
System Type		HEAT PUMP				
<b>SYSTEM PERFORMANCE</b>						
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				
<b>OUTDOOR UNIT</b>	<b>MODEL</b>	<b>SC-18Z-UM</b>	<b>SC-24Z-UM</b>	<b>SC-36Z-UM</b>	<b>SC-42Z-UM</b>	<b>SC-48Z-UM</b>
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				
<b>REFRIGERANT PIPING</b>						
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				
<b>ELECTRICAL</b>						
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		5 year parts, 14 year compressor, replacement with online registration.				

- 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				
<b>SYSTEM PERFORMANCE</b>						
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				
<b>INDOOR UNIT</b>						
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
<b>REFRIGERANT PIPING</b>						
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				
<b>ELECTRICAL</b>						
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		5 year parts, 14 year compressor, replacement with online registration.				
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				
<b>SYSTEM PERFORMANCE</b>						
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				
<b>INDOOR UNIT</b>						
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
<b>REFRIGERANT PIPING</b>						
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				
<b>ELECTRICAL</b>						
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		5 year parts, 14 year compressor, replacement with online registration.				

# CONCEALED DUCT

MODEL		SC-18CD-UM	SC-24CD-UM	SC-36CD-UM	SC-42CD-UM	SC-48CD-UM
System Type		HEAT PUMP				
<b>SYSTEM PERFORMANCE</b>						
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				
<b>INDOOR UNIT</b>						
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
<b>REFRIGERANT PIPING</b>						
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				
<b>ELECTRICAL</b>						
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		5 year parts, 14 year compressor, replacement with online registration.				