

SUBMITTAL DATA SHEET

Series Name: Slim Cassette Evaporators

Model Number: SCA09H525ZMI SCA12H525ZMI SCA18H525ZMI



Slim Cassette

Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:



Features

- Compatible with both horizontal and vertical installation
- Static pressure up to 0.8 in.w.g(for all models)
- Static pressure setting stages: 8
- Refrigerant leakage detection sensor
- Constant airflow
- Built-in pump
- i-clean
- Fan speed stages: 1~100%
- WiFi capability: through wired controller with built-in WiFi
- 2-pin connector(HA/HB) for programmable wired controller
- OTA(by using wired controller 120N(X6W))
- Multiple control options available:

Indoor Model		SCA09H525ZMI	SCA12H525ZMI	SCA18H525ZMI
Power Supply/Electrical Ratings				
	V-Hz-Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph
Voltage range	V	187-253	187-253	187-253
Cooling Capacity	Btu/h	9000	12000	16700
Cooling Input	W	610	923	1337
Cooling Current	A	4.5	4.3	8.3
Indoor MINIMUM CIRCUIT AMPACITY	A	3.00	3.00	3.00
Indoor MAX.FUSE	A	15	15	15
Connection wiring		14#x4	14#x4	14#x4

Refrigerant Piping

Liquid side	mm(inch)	6.35mm(1/4in)	6.35mm(1/4in)	6.35mm(1/4in)
Gas side	mm(inch)	9.52mm(3/8in)	9.52mm(3/8in)	12.7mm(1/2in)
Max. Piping Length	ft	82.02	82.02	98.43
Max. Height Difference	ft	49.21	49.21	65.62

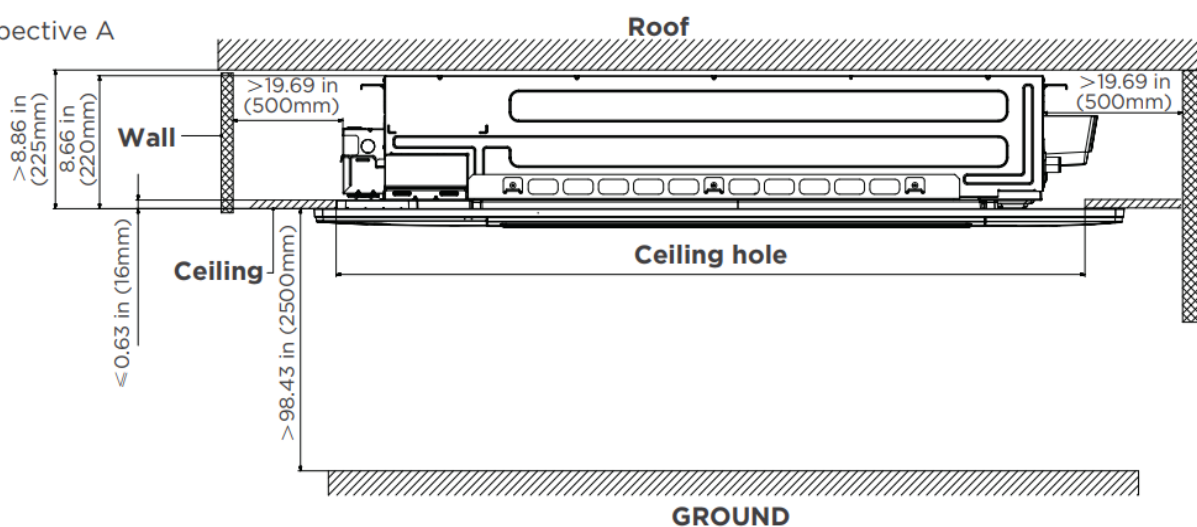
Performance Capacity Ranges				
		SCA09H525ZMI	SCA12H525ZMI	SCA18H525ZMI
Cooling Capacity Range	Btu/h	4000~12900	4000~13900	5700~19000
Cooling Input (range)	W	147 ~ 1150	147 ~ 1230	550 ~ 1700
Cooling Current(range)	A	1.2 ~5.1	1.2 ~5.4	3.7 ~8.3
Heating Capacity	Btu/h	10900	12500	20000
Heating Input	W	860	1030	1950
Heating Current	A	3.8	4.6	12.0
Heating Capacity Range	Btu/h	3800~13900	4600~15200	8900~22000
Heating Input(range)	W	300 ~1350	362 ~1377	850 ~1990
Heating Current(range)	A	1.5 ~5.9	1.7 ~6.1	5.6 ~12.0
Moisture removal	kg/h	0.98	1.69	2.05

Installation Instruction

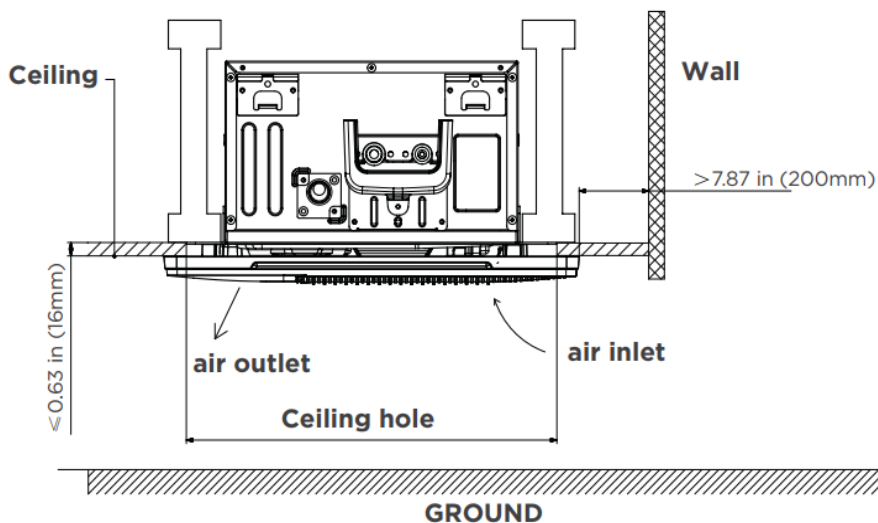
Installation place

(unit: inch/mm)

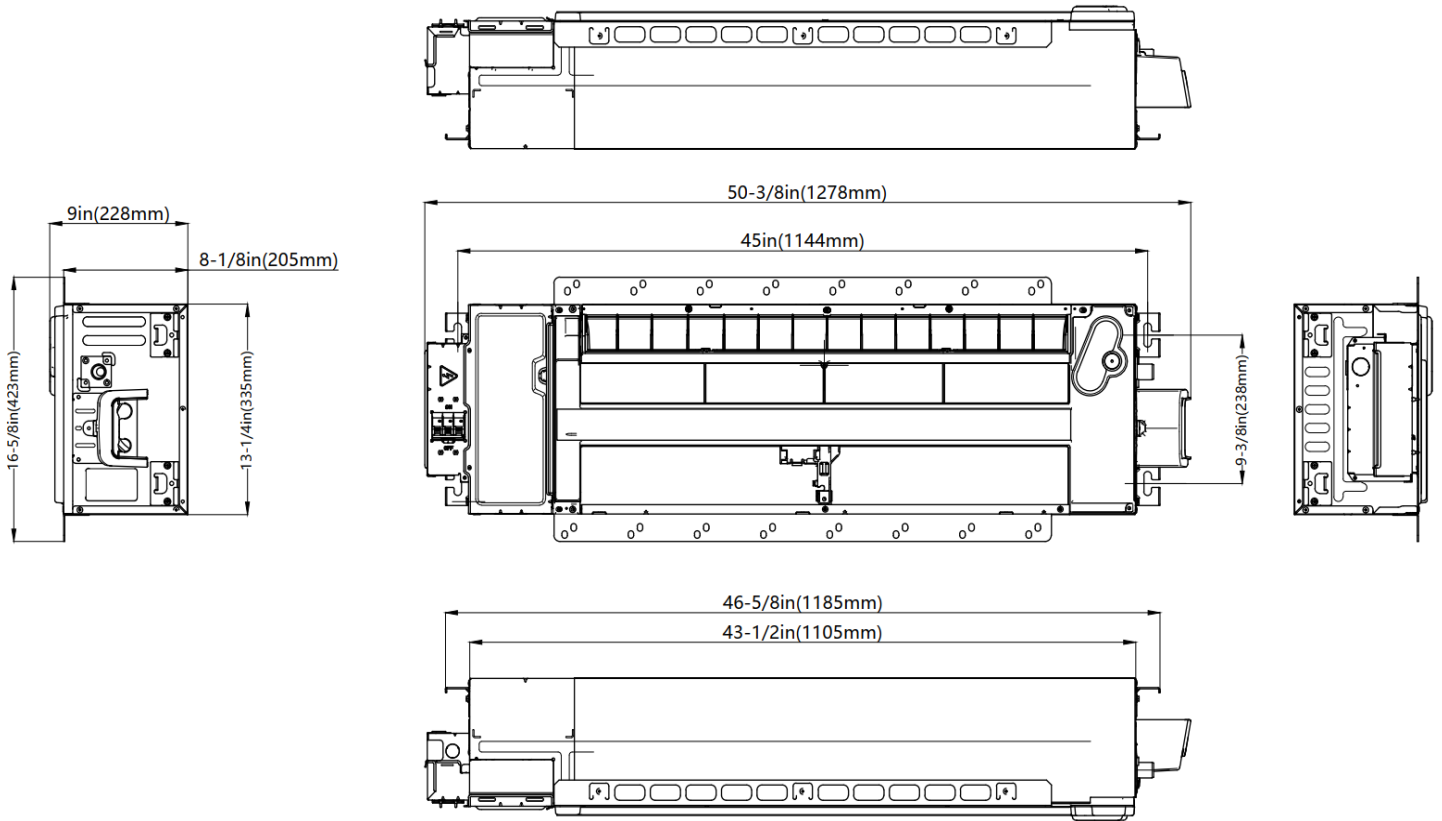
Perspective A



Perspective B



Indoor Unit Dimension



Indoor Unit Specifications				
		SCA09H525ZMI	SCA12H525ZMI	SCA18H525ZMI
Indoor Indoor fan motor RLA	A	0.8	1.0	1.2
Indoor Indoor air flow (Turbo/Hi/Mi/Lo/Si)	CFM	341.4 / 294.3 / 259.0 / 235.4 / N\A	353.2 / 312.0 / 282.5 / 247.2 / 176.6	400.2 / 352.0 / 300.2 / 207.2 / N\A
Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	N\A/38/36/33/24	N\A/41/37/33/24	N\A/44/41.5/31/26
Indoor Operating Temp. Range(Cooling)	°F	60 ~ 90	60 ~ 90	60 ~ 90
Indoor Operating Temp. Range(Heating)		32-86	32-86	32-86
Indoor Unit Dimension WxDxH	inch	50.31 x 13.19 x 8.98	50.31 x 13.19 x 8.98	50.31 x 13.19 x 8.98
Indoor Item Net/Gross weight	lb	45.19/82.45	45.19/82.45	45.19/82.89
N.A. Design pressure	PSI	550 / 340	550 / 340	550 / 340

