

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	18000
Cooling Input	W	625	976	1440
Cooling Current	A	4.2	4.4	6.4
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	82.00	82.00	98.40
Max. Height Difference	ft	49.20	49.20	65.60

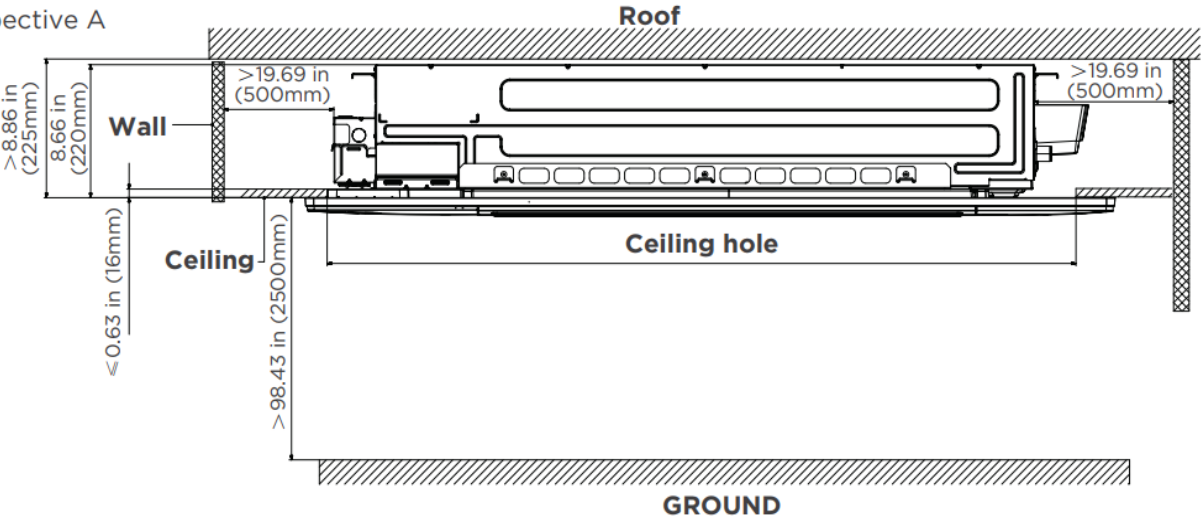
Performance Capacity Ranges				
		SCA09H525ZMI	SCA12H525ZMI	SCA18H525ZMI
Cooling Capacity Range	Btu/h	3700~11400	3900~13800	4000~18800
Cooling Input (range)	W	220 ~ 990	220 ~ 1180	450 ~ 1660
Cooling Current(range)	A	1.7 ~4.4	1.7 ~5.2	2.1 ~7.3
Heating Capacity	Btu/h	11000	12000	18000
Heating Input	W	1007	1034	1600
Heating Current	A	4.4	4.7	7.1
Heating Capacity Range	Btu/h	4100~14300	4700~15300	7600~22800
Heating Input(range)	W	265 ~1310	275 ~1310	400 ~1880
Heating Current(range)	A	1.4 ~5.8	1.5 ~5.5	2.2 ~8.3
Moisture removal	kg/h	1.00	1.54	2.08

Installation Instruction

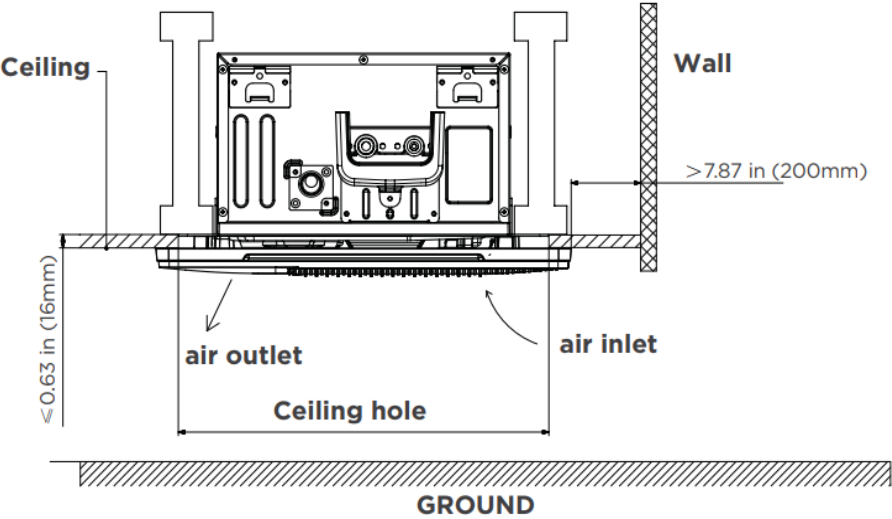
Installation place

(unit: inch/mm)

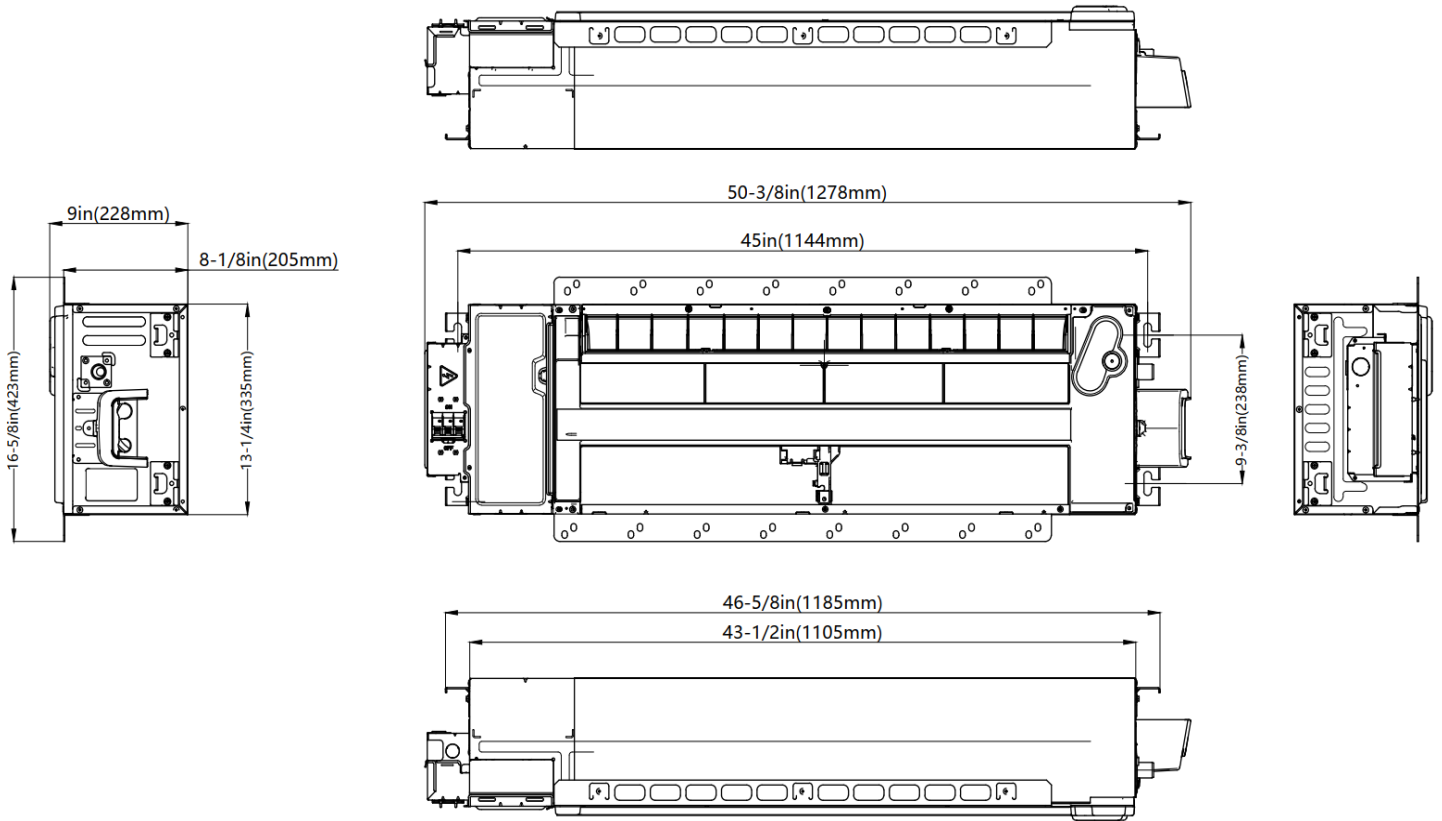
Perspective A



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)	46.5/38.5/34.0/24.0/22.0	N\A/43.0/37.5/26.0/22.0	N\A/44.0/41.0/29.5/24.0
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

