

SUBMITTAL DATA SHEET

Series Name: Console Evaporators

Model Number: CA09H525ZMI CA12H525ZMI CA18H525ZMI



Console Evaporators

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:

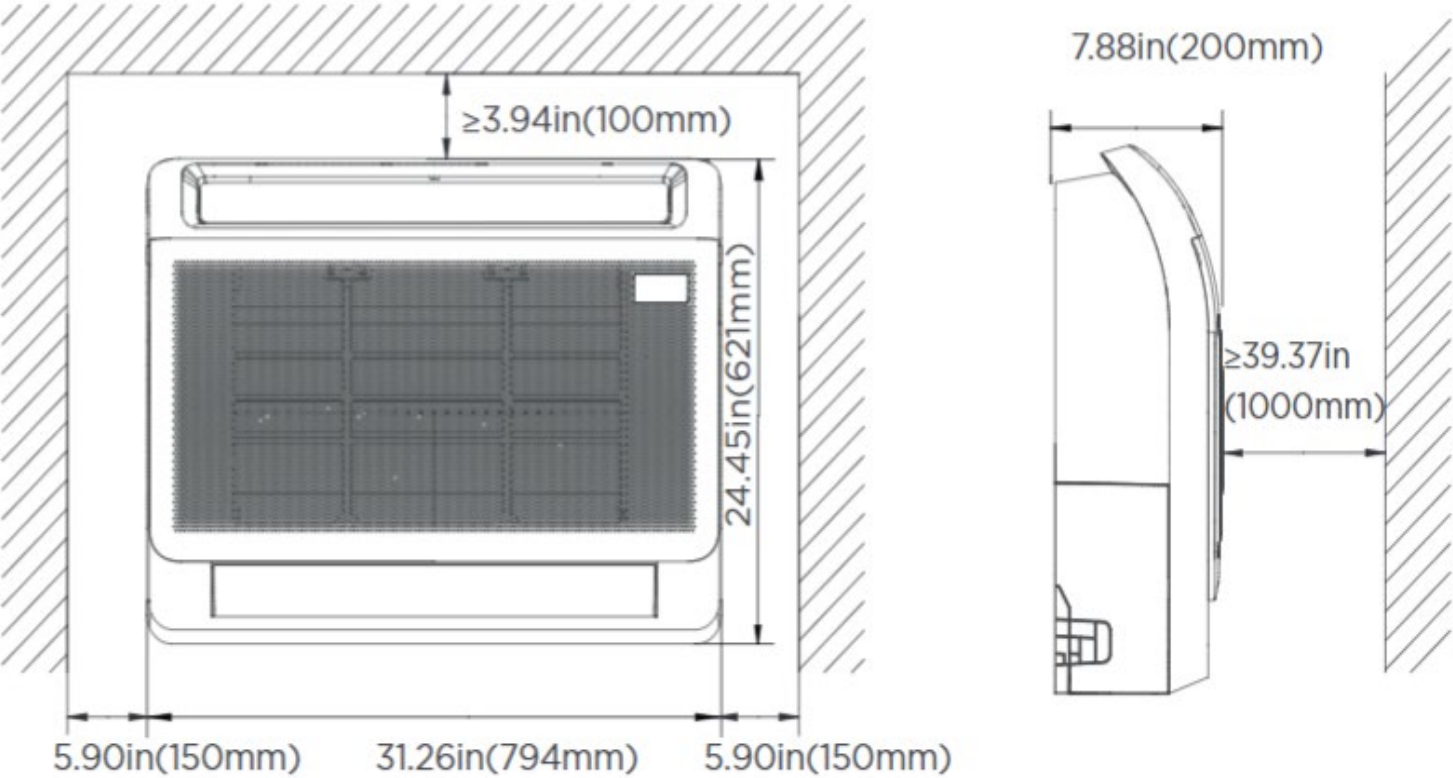
Product Number		CA09H525ZMOI	C12H525ZMI	C18H525ZMI
	V-Hz-Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph
Power Supply/Electrical Ratings				
Voltage range	V	187-253	187-253	187-253
Cooling Capacity	Btu/h	9000	12000	16000
Cooling Input	W	552	960	1280
Cooling Current	A	4.2	4.2	5.8
Indoor MINIMUM 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

National Certifications and Efficiency Ratings

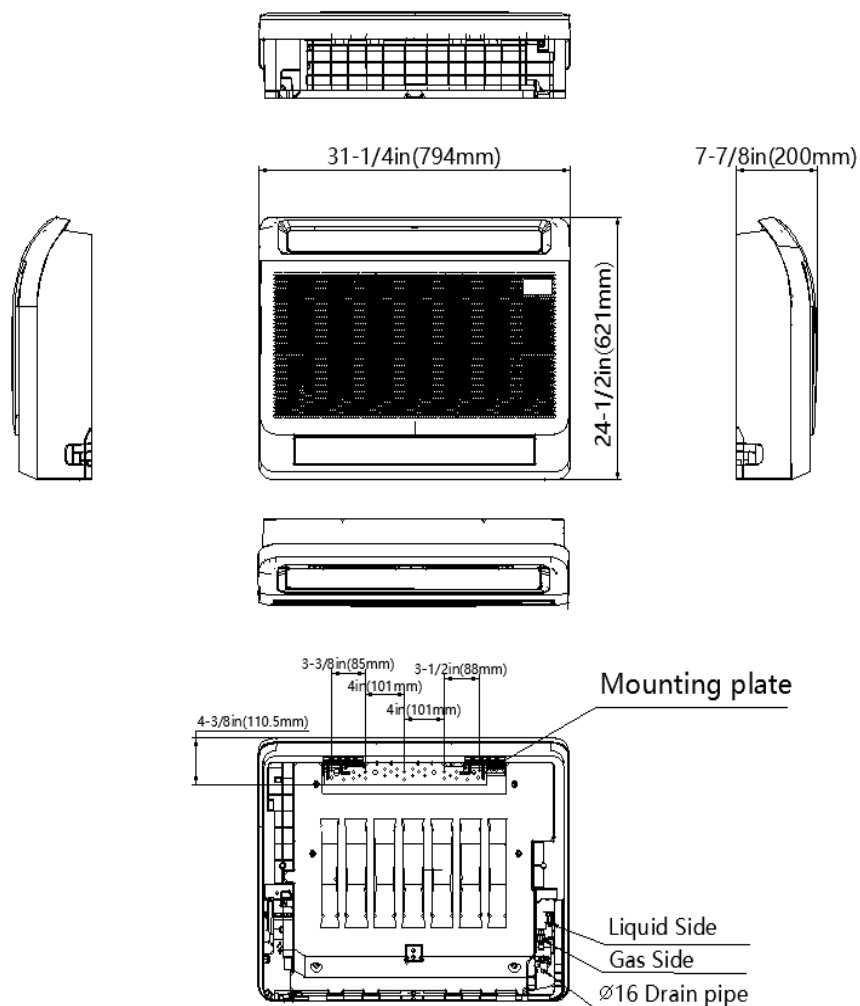
SEER2	Btu/h/W	26.0	24.6	23.8
EER2	Btu/h/W	16.2	12.7	12.5
HSPF2-4	Btu/h/W	13.9	11.0	13.5
HSPF2-5	Btu/h/W	10	8.2	9.4
COP	W/W	4.35	3.90	3.37

Performance Capacity Ranges				
		CA09H525ZMOI	C12H525ZMI	C18H525ZMI
Cooling Capacity Range	Btu/h	4000~12900	4000~13100	4700~18000
Cooling Input (range)	W	200 ~ 980	200 ~ 1140	440 ~ 1600
Cooling Current(range)	A	1.6 ~4.4	1.4 ~5.1	2.1 ~7.1
Heating Capacity	Btu/h	9000	12000	17000
Heating Input	W	606	897	1478
Heating Current	A	4.6	4.0	6.7
Heating Capacity Range	Btu/h	5100~12700	5100~12900	7300~22900
Heating Input(range)	W	265 ~1100	265 ~1200	385 ~1830
Heating Current(range)	A	1.5 ~4.9	1.4 ~4.3	2.1 ~8.1
Moisture removal	kg/h	0.50	1.28	2.19

Installation Instruction



Indoor Unit Dimension



Indoor Unit Specifications				
		CA09H525ZMOI	C12H525ZMI	C18H525ZMI
Indoor Indoor fan motor RLA	A	0.5	0.5	1.0
Indoor Indoor air flow (Turbo/Hi/Mi/Lo/Si)	CFM	441.4 / 376.7 / 323.7 / 188.4 / 129.5	441.4 / 376.7 / 323.7 / 188.4 / 129.5	500.3 / 441.4 / 382.6 / 323.7 / 206.0
Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	42/39.0/34.5/29.5/19.5	42/39/34.5/29.5/23.5	N/A/41.5/39.0/28.5/24.0
N.A. Design pressure	PSI	550 / 340	550 / 340	550 / 340
Indoor Item Net/Gross weight	lb	32.85/41.89	32.85/41.89	32.85/41.89
Indoor Unit Dimension WxDxH	inch	31.26 x 7.87 x 24.45	31.26 x 7.87 x 24.45	31.26 x 7.87 x 24.45

