

SUBMITTAL DATA SHEET

Series Name: Floor/Ceiling Evaporators
Model Number: FC18H525ZMI FC24H525ZMI



Floor/Ceiling

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:

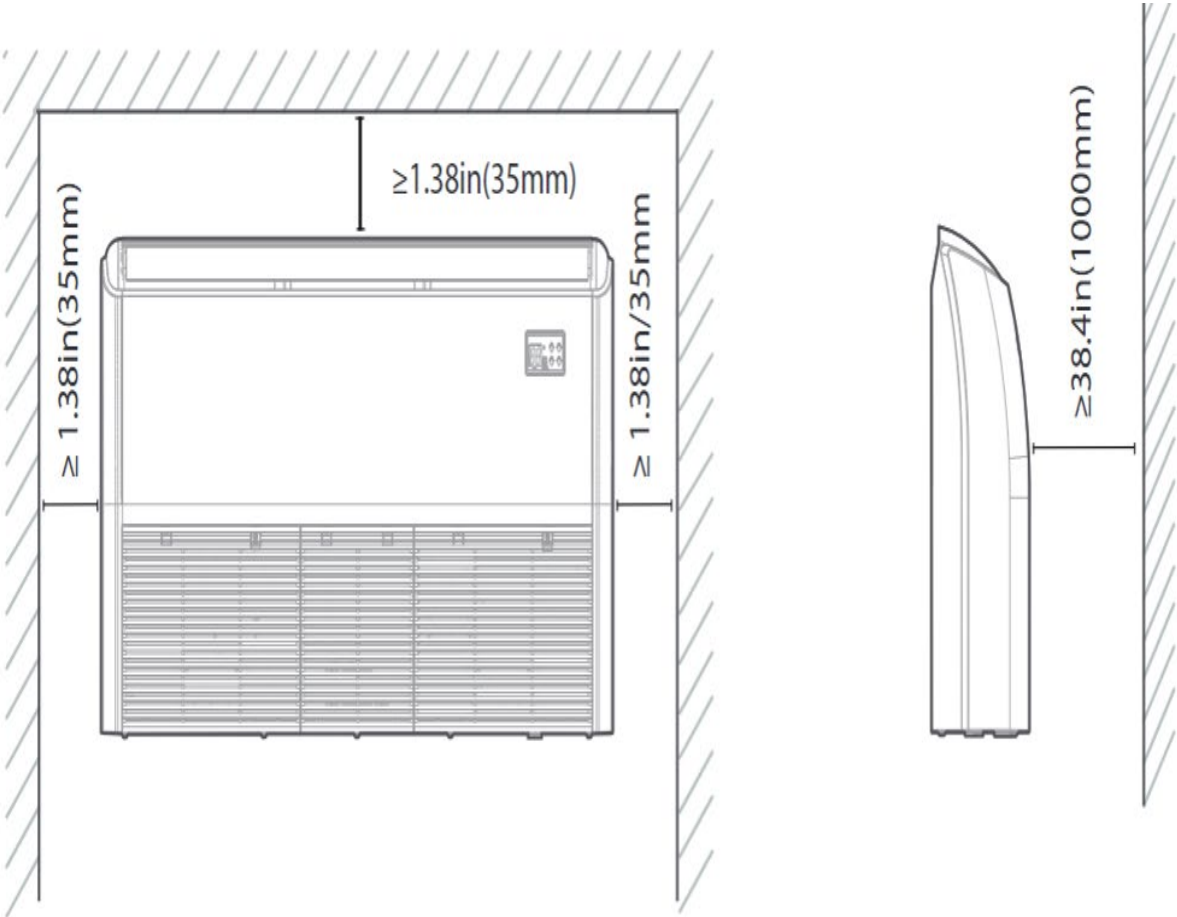
Product Number		FC18H525ZMI	FC24H525ZMI
	V-Hz-Ph	208/230V,60Hz,1Ph	208/230V,60Hz,1Ph
Power Supply/Electrical Ratings			
Voltage range	V	187-253	187-253
Cooling Input	W	1440	1967
Cooling Current	A	6.4	8.6
Indoor MINIMUM CIRCUIT AMPACITY	A	1.90	2.50
Indoor MAX.FUSE	A	15	15
Connection wiring		14#x4	14#x4

Refrigerant Piping

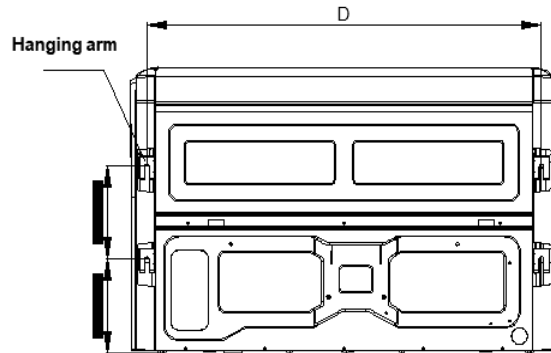
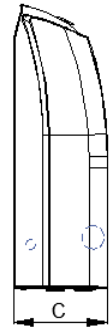
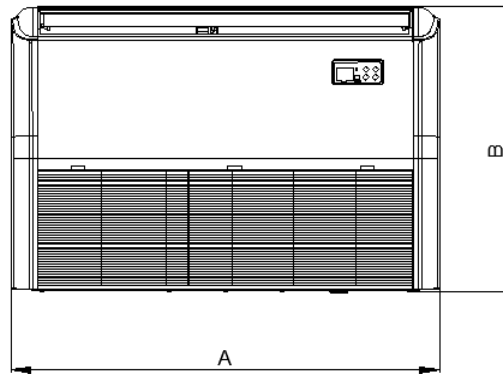
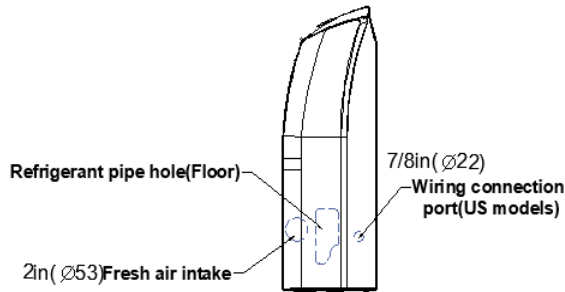
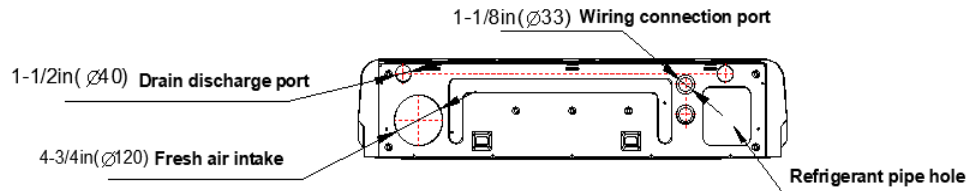
Liquid side	mm(inch)	6.35mm(1/4in)	9.52mm(3/8in)
Gas side	mm(inch)	12.7mm(1/2in)	15.9mm(5/8in)
Max. Piping Length	ft	98.40	164.00
Max. Height Difference	ft	65.60	82.00

Performance Capacity Ranges			
		FC18H525ZMI	FC24H525ZMI
Cooling Capacity Range	Btu/h	7000~19300	11100~29000
Cooling Input (range)	W	570 ~ 1680	820 ~ 2610
Cooling Current(range)	A	2.7 ~7.4	3.6 ~11.5
Heating Capacity	Btu/h	18000	24500
Heating Input	W	1599	2385
Heating Current	A	7.2	10.4
Heating Capacity Range	Btu/h	7200~22200	11800~32600
Heating Input(range)	W	415 ~1990	675 ~2990
Heating Current(range)	A	2.3 ~8.7	3.7 ~13.1
Moisture removal	kg/h	2.10	3.07

Installation Instruction



Indoor Unit Dimension



Indoor Unit Specifications

		FC18H525ZMI	FC24H525ZMI
Indoor fan motor RLA	A	1.0	1.0
Indoor air flow (Turbo/Hi/Mi/Lo/Si)	CFM	576.8 / 547.4 / 485.6 / 420.8 / N\A	735.8 / 706.3 / 606.3 / 453.2 / 376.7
Indoor noise level (Turbo/Hi/Mi/Lo/Si)	dB(A)	N\A/43.0/40.0/32.0/29.0	51.0/49.0/45.0/34.0/29.0
Indoor Operating Temp. Range(Cooling)		60 ~ 90	61~90
Indoor Operating Temp. Range(Heating)		32-86	32-86
Indoor Unit Dimension WxDxH	inch	42.05 x 26.57 x 9.25	42.05 x 26.57 x 9.25
Indoor Item Net/Gross weight	lb	58.42/70.55	61.29/73.19
N.A. Design pressure	PSI	550 / 340	550 / 340

