ICE AIR
World Class Comfort®

Project: _____   Date: _____

Location: _____   Engr: _____

Ice Air VRF H
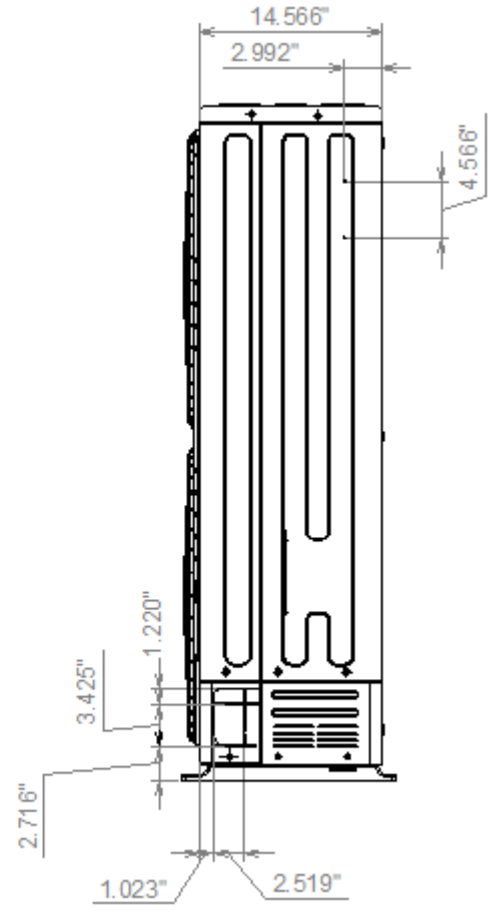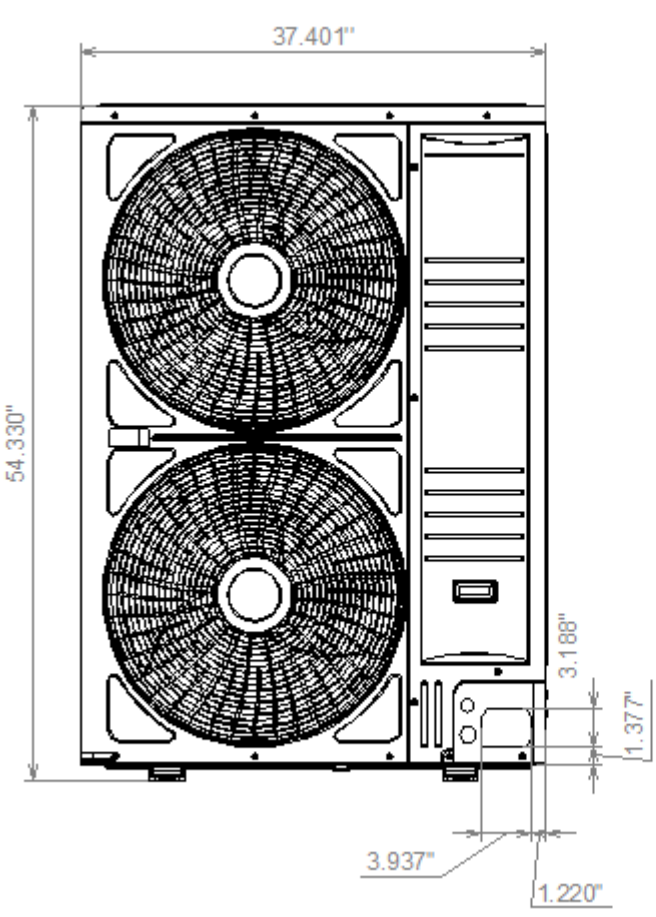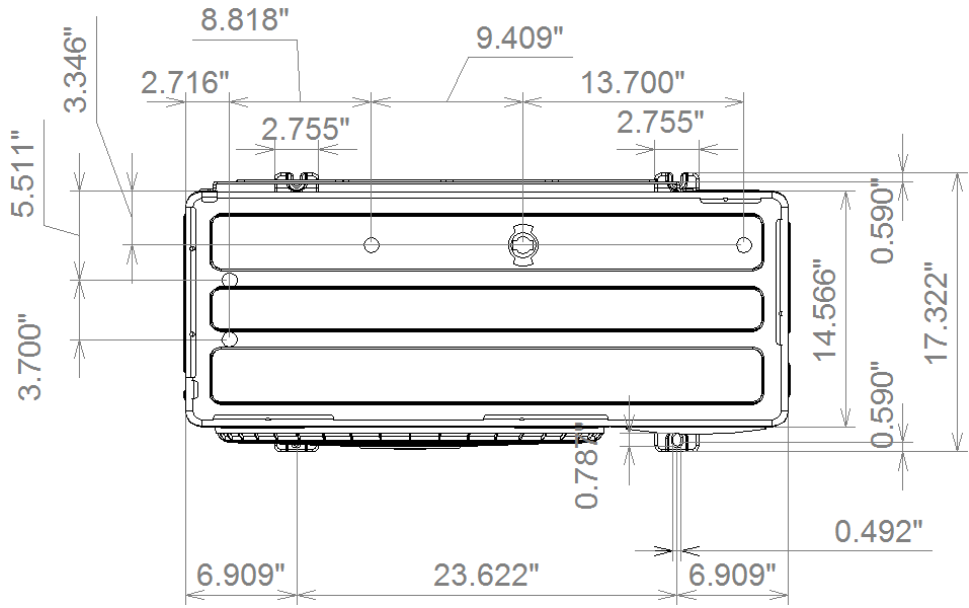### VFO-48BQAH

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ETL US

KEY FEATURES

- The optimized 2-in-1 refrigerant circuit increases the heat transfer efficiency.
- An optimized air duct system design improves both air supply distance and heat exchange ability, while avoiding the possibility of short circuiting the return air.
- The electrical system utilizes an insect-resistant design that effectively prevents insects from damaging the unit.
- The DC inverter fan motor and axial fan adjust power, providing flexibility for various application scenarios.
- Connecting AHU with AHU-Kit provides high quality air for users.

Ice Air VRF H Series	Model		VFO-48BQAH
	Nominal Ton		4
Model Power Supply	Phase Voltage Hz		AC 1-Phase 208/230V 60Hz
Cooling Operation	Nominal Capacity	Btu/h	48,000
	Power Consumption	kW	4.71/3.81
	EER (Ducted/Non-ducted)	(Btu/h)/W	10.20/12.60
	SEER (Ducted/Non-ducted)	(Btu/h)/W	17.00/19.00
Heating Operation	Nominal Capacity	Btu/h	54,000
	Power Consumption	kW	4.65/3.85
	COP (Ducted/Non-ducted)	W/W	3.40/4.10
	Heating Capacity (17°F DB)	Btu/h	32,000
	Power Consumption	kW	3.92/3.48
	COP (Ducted/Non-ducted)	W/W	2.40/2.70
	HSPF (Ducted/Non-ducted)	(Btuh)/W	9.50/10.50
MCA (Minimum Circuit Ampacity)		A	32.8
MOP (Minimum Overcurrent Protection)		A	45
Air Flow Rate		CFM	3,176
Overall Dimension (L x W x H)		inch	37-13/32 x 14-9/16 x 54-11/32
Net Weight		lbs.	229
Compressor Quantity			1
Compressor Type			Inverter Scroll Hermetic Compressor
Refrigerant Type			R410A
Refrigerant Charge Amount		lbs.	8.4
Refrigerant Flow Control			Micro-computer Control Expansion Valve
Condenser Fan Quantity			2
Cabinet Color			Ivory White
Refrigerant Piping	Gas Line	inch	5/8
	Liquid Line	inch	3/8
Maximum Number of Connectable IDU			11
Maximum Actual Pipe Length		Ft.	246
Height Difference	Maximum Below Unit	Ft.	98
	Maximum Above Unit	Ft.	98
	Between IDUs	Ft.	33
Noise level	Cooling/Heating	dB(A)	50/52
Operation Range	Cooling	°F DB	23°F~114.8°F
	Heating	°F WB	-4°F~60°F

Note: For connection with " * " please contact with our technical engineer.

DIMENSIONAL DRAWING