

Project: _____

Date: _____

Location: _____

Engr: _____



Ice Air VRF H

VFO-36BQAH



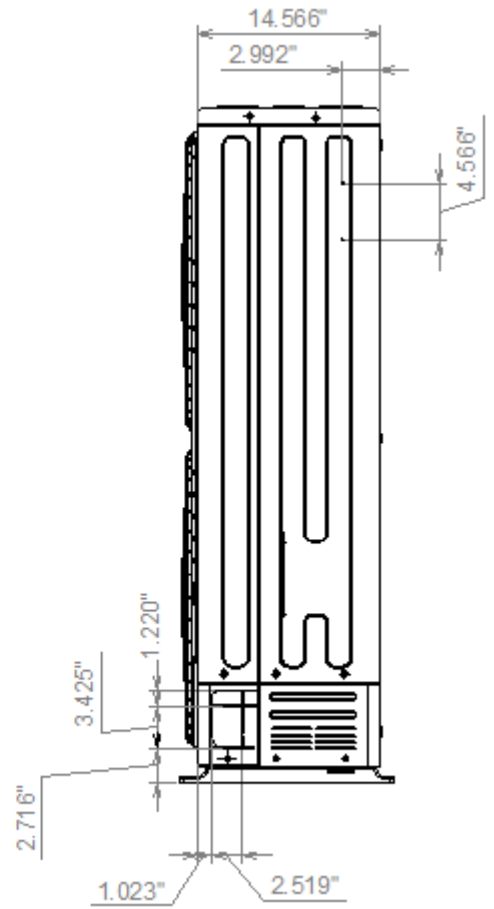
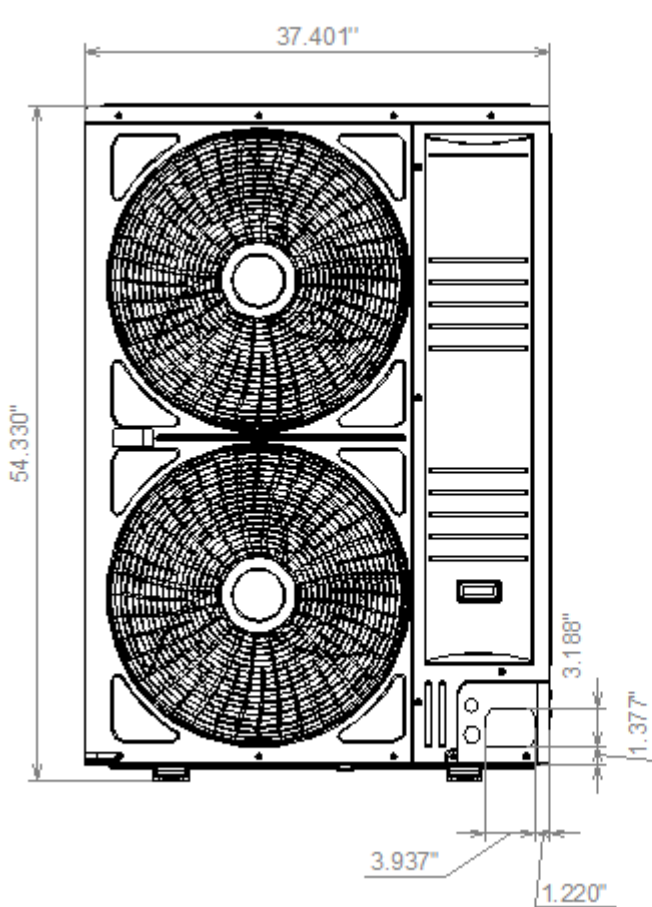
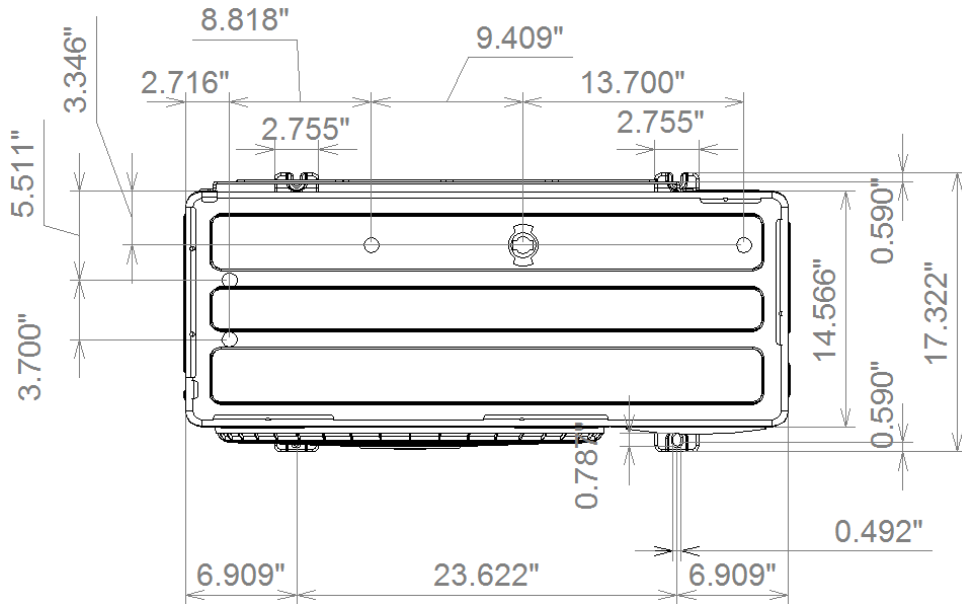
KEY FEATURES

- ▶ 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-36BQAH
	Nominal Ton		3
Model Power Supply	Phase Voltage Hz		AC 1-Phase 208/230V 60Hz
Cooling Operation	Nominal Capacity	Btu/h	36,000
	Power Consumption	kW	2.86/2.54
	EER (Ducted/Non-ducted)	(Btu/h)/W	12.60/14.20
	SEER (Ducted/Non-ducted)	(Btu/h)/W	17.00/20.00
Heating Operation	Nominal Capacity	Btu/h	42,000
	Power Consumption	kW	3.07/2.73
	COP (Ducted/Non-ducted)	W/W	4.00/4.50
	Heating Capacity (17°F DB)	Btu/h	26,000
	Power Consumption	kW	2.62/2.38
	COP (Ducted/Non-ducted)	W/W	2.90/3.20
	HSPF (Ducted/Non-ducted)	(Btu/h)/W	10.50/11.00
MCA (Minimum Circuit Ampacity)	A		31.4
MOP (Minimum Overcurrent Protection)	A		40
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			9
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



Ice Air, LLC
us <http://www.ice-air.com>