

SUBMITTAL DATA

VIRU36HP230V1AH / VIRU36HP230V1AO
36000 BTU/H Wall Mounted Heat Pump System

Job Name

Location

Date

Purchaser

Engineer

Submitted to

For

Unit Designation

Schedule No.



YAP1F7F



VIRU36HP230V1AH



VIRU36VHP230V1AO



XE71 (Optional)

GENERAL FEATURES

- AHRI Certificate: [203373091](#)
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Auto-Clean Function on Indoor Unit
- Wireless Remote with LCD Display
- Wired Controller Options
- Composite Drain Pan
- Wi-Fi Included (Factory Installed)
- Low Ambient Cooling down to 0°F (Range 0°F to 115°F)
- Low Ambient Heating down to -31°F (Range -31°F to 75°F)
- Coil (Outdoor) Copper Tube/Aluminum Fin with Anti-Corrosion Coil Coating (Gold Colored Fin - 1500Hr Salt Spray Rating)
- Coil (Indoor) Copper Tube/Aluminum Fin with Anti-Corrosion Coil Coating (Blue Colored Fin - 500Hr Salt Spray Rating)

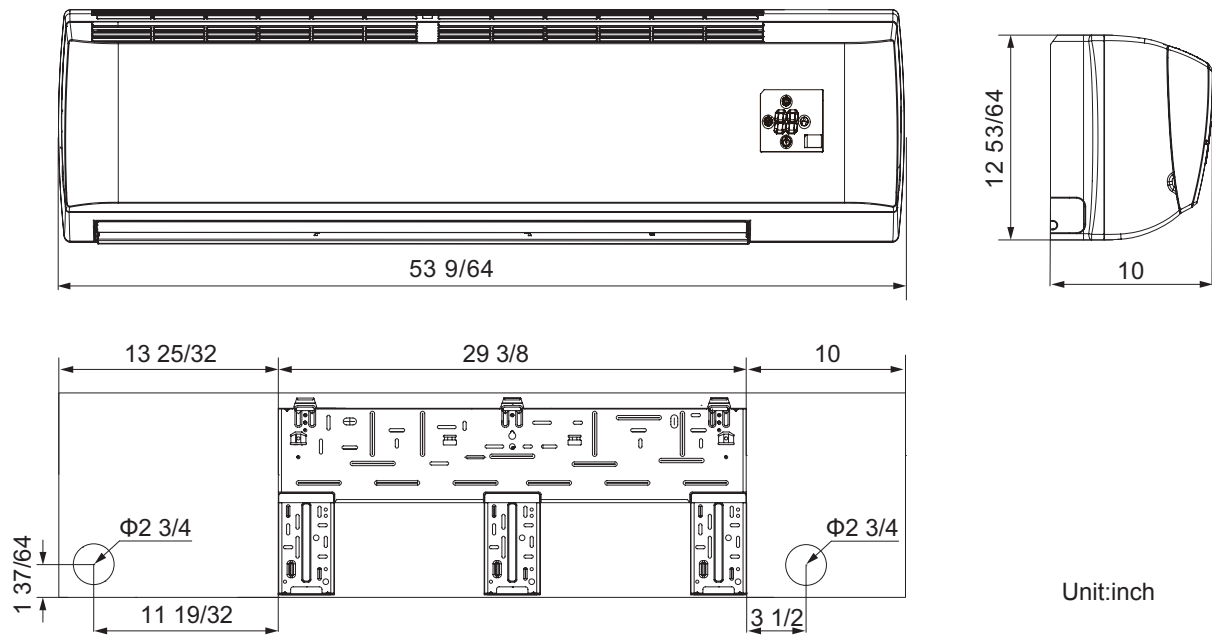
SPECIFICATIONS, FEATURES & FUNCTION SUMMARY

SPECIFICATIONS		VIRU36HP230V1AH / VIRU36HP230V1AO	
System Type		HEAT PUMP	
SYSTEM PERFORMANCE			
Cooling	Min - Max	Btu/h	8800 - 40900
	Capacity @95°F	Btu/h	33000
Heating	Min - Max	Btu/h	16700 - 49400
	Capacity @5°F	Btu/h	
	Capacity @17°F	Btu/h	21600
	Capacity @47°F	W	34600
SEER2			18.0
EER2			10.3
HSPF2			8.5
COP @5°F			
COP @47°F			3.2
Cooling Temperature Range		°F	0 - 115
Heating Temperature Range		°F	-31 - 75
Refrigerant Type			R410A
INDOOR UNIT		VIRU36HP230V1AH	
Air flow (Min-Max)		CFM	441 - 824
Sound Pressure Level (Min - Max)		dB(A)	36 - 55
Dehumidification		pt/hr	7.40
External Dimensions (WxHxD)		in	53 3/16 x 12 5/8 x 10
Package Dimension (W x H x D)		in	57 x 16 5/8 x 14
Net Weight		lbs	42
Gross Weight		lbs	52
OUTDOOR UNIT		VIRU36HP230V1AO	
Compressor Type		GREE G-10 / 2 - STAGE / 3 CYLINDER INVERTER	
Sound Pressure Level		dB(A)	63
External Dimensions (WxHxD)		in	43 5/8 x 43 1/2 x 17 5/16
Package Dimension (W x H x D)		in	45 5/8 x 48 5/8 x 19
Net Weight		lbs	254.0
Gross Weight		lbs	265.0
REFRIGERANT PIPING			
Refrigerant Charge - R410A		oz	123.5
Additional Charge		oz/ft	0.3
Line Set Size (Liquid - Gas) - Flared Connections		in	1/4 - 5/8
Pre-Charge Length		ft	25
Pipe Length (Min - Max)		ft	10 - 165
Max. Pipe Elevation		ft	100
ELECTRICAL			
Power Supply		208-230V / 1Ph / 60Hz (Powered by the Outdoor Unit)	
Voltage Range (Min - Max)		VAC	187 - 253
Rated Current - Cooling		A	17
Rated Current - Heating		A	25
MCA		A	30
MOCP		A	50
Suggested Breaker Size		A	30
Main Power Wire Size		AWG	Per Local Code
Interconnecting Wire Size		AWG	14 / 4

FEATURES & FUNCTIONS SUMMARY	
SYSTEM FEATURES	
Inverter Type	G10
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type - Inverter	High Efficiency Rotary
Basepan With Electric Heater	Yes
Indoor & Outdoor Fin Coating (Blue Fin)	Yes
Intelligent Defrosting	Yes
Intelligent Preheating	Yes
Low Voltage Startup	Yes
Memory/Power Failure Recovery	Yes
Self Diagnosis	Yes
Wired Controller Interface (XE71 or XK76 optional)	Yes
WiFi Included	Yes
NEW! Easy Service Access	Yes
Indoor Fan Type	Crossflow
Multi Fan Speeds	4 Speeds
Indoor Unit Display	Yes
Auxiliary Electrical Heater	No
Ventilation (Outdoor Air)	No
REMOTE CONTROLLER FUNCTIONS	
NEW! Auto Clean	Yes
Auto Mode	Yes
Auto Fan	Yes
Auto Swing (Horizontal Auto Swing)	Yes
Auto Swing - 180° (Vertical Auto Swing)	Yes
Clock	Yes
Dry Mode	Yes
Dry Anti-Mildew (X-Fan) Mode	Yes
Energy Saving Mode	Yes
Dirty Filter Alert	No
Fan Speed Control (7 Speeds)	Yes
I Feel Function	Yes
Privacy Lock	Yes
Quiet Mode	Yes
Room Temperature Display	No
Sleep Mode	Yes
3 Sleep Mode Options	Yes
Timer Mode	Yes
Turbo Mode	Yes
Display On/Off Control	Yes
Freeze Guard Mode	Yes
Power Failure Mode	Yes

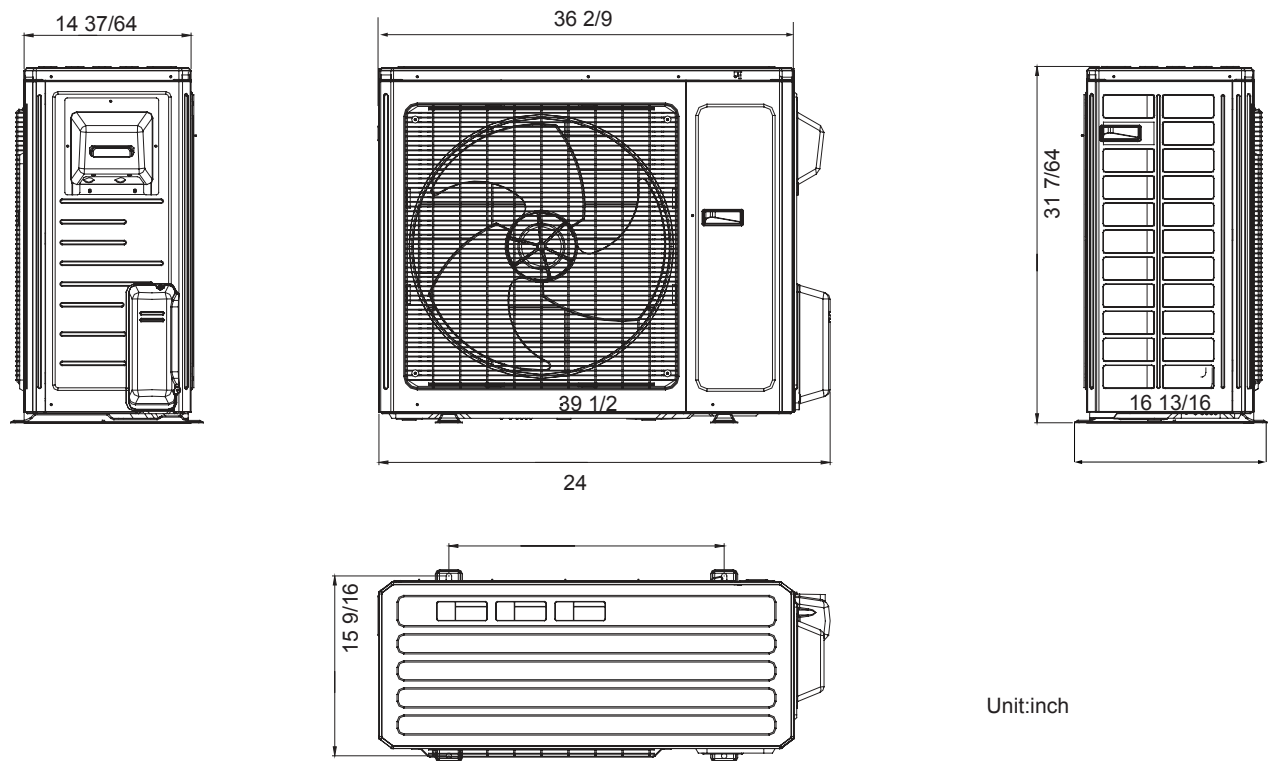
DIMENSIONS

INDOOR UNIT



Unit:inch

OUTDOOR UNIT

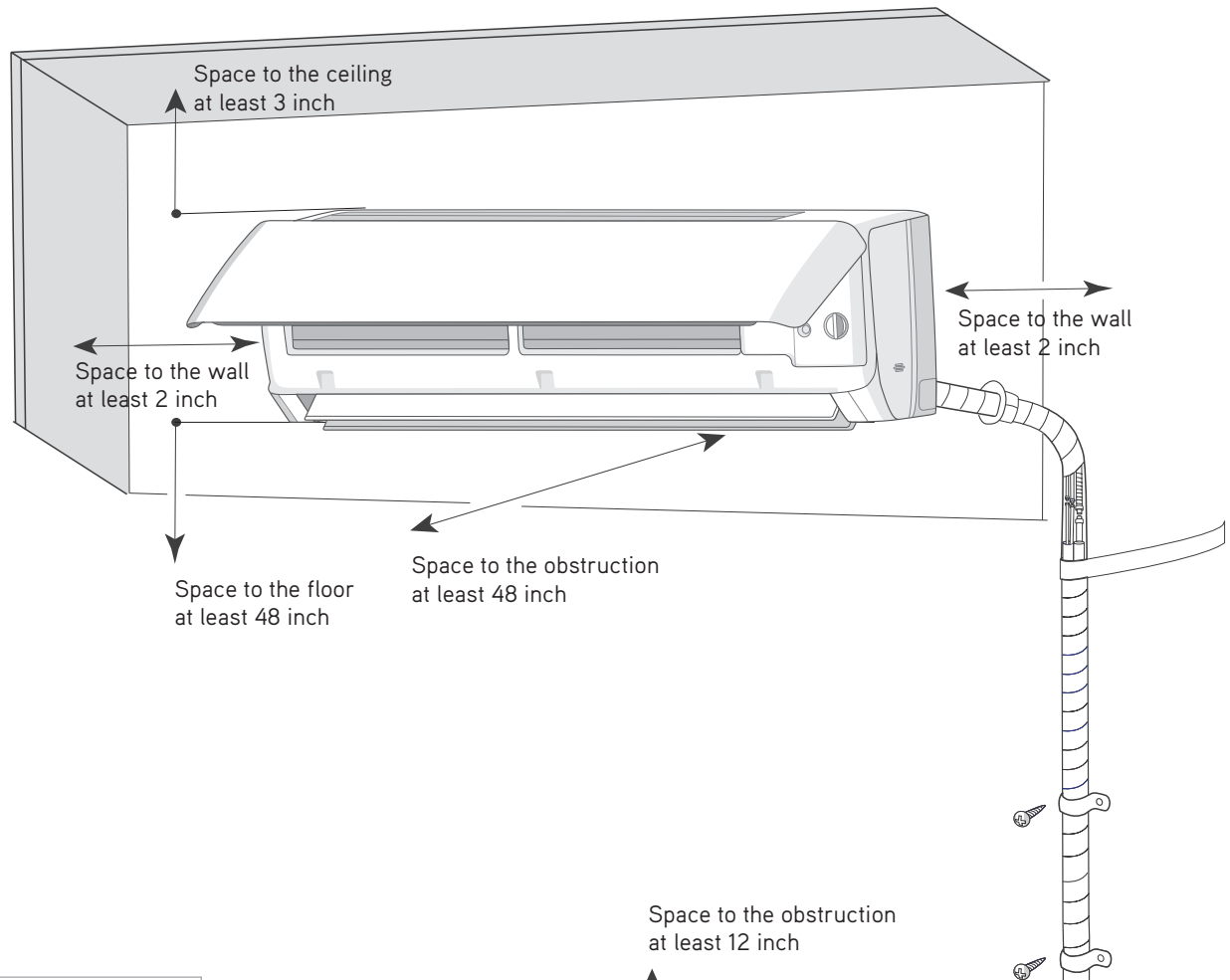


Unit:inch

CLEARANCES

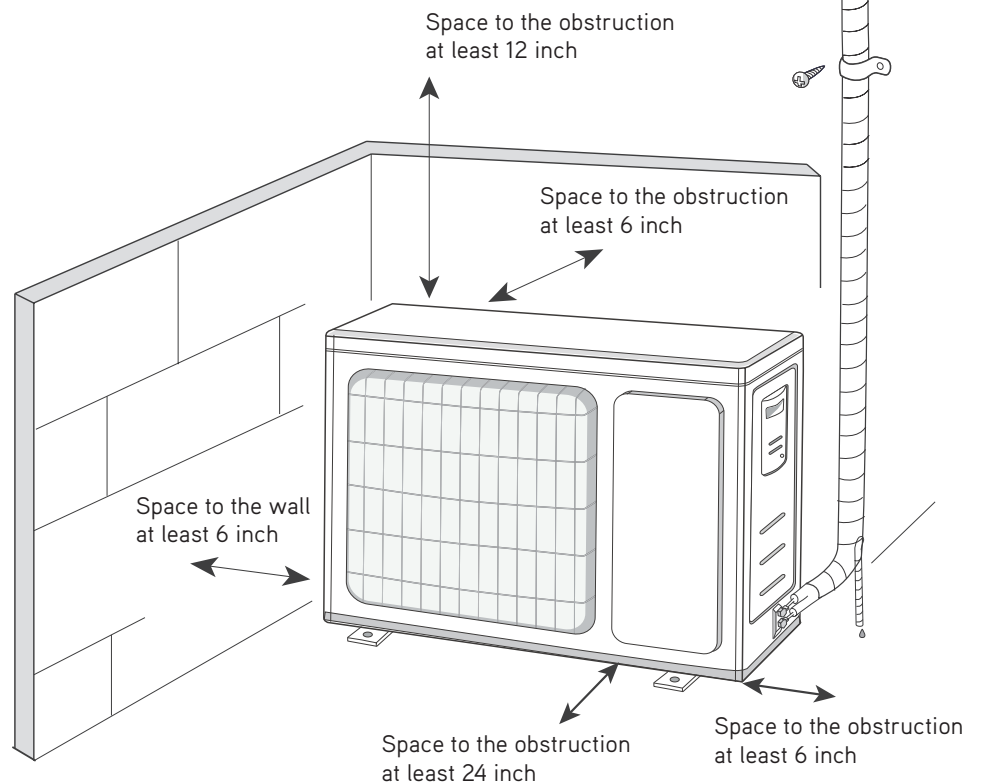
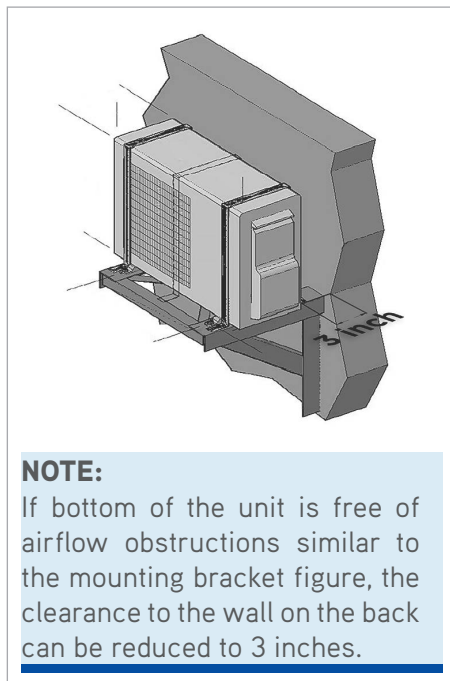
INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance



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