



SUBMITTAL DATA: 3VIR24HP230V1A

24000 BTU/H Floor/Ceiling Heat Pump System

Job Name	Location	Date
Purchaser	Engineer	
Submitted To	For	
Unit Designation	Schedule No.	

YT1F / XK19

FLR24HP230V1BF

3VIR24HP230V1AO



(Optional)



GENERAL FEATURES

AHRI Certificate: 207201635

High Efficiency DC Inverter Technology

Quiet Operation and Multi-Speed Fan

Floor Stand or Ceiling Mount

Multi-Directional Air Flow

Wireless Remote with LCD Display Included

XK19 Wired Controller Included

Low Ambient Cooling down to -20°F (Range -20°F to 122°F)

Low Ambient Heating down to -22°F (Range -22°F to 86°F)

Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin*

*** (Blue Fin) 500 Hrs Salt Spray Tested**

5 Year Limited Compressor & Parts Warranty (Residential Only)

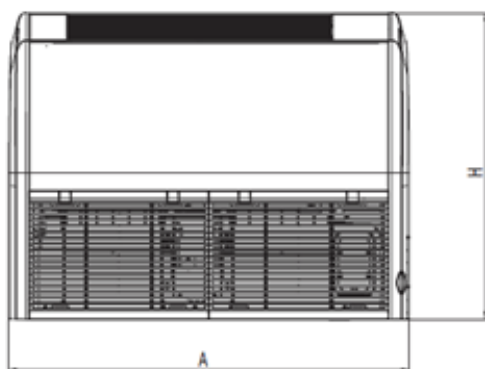
SPECIFICATIONS		3VIR24HP230V1AO / FLR24HP230V1BF	
System Type		HEAT PUMP	
SYSTEM PERFORMANCE			
Cooling	Rated Capacity @ 95°F	Btu/h	22000
	Min-Max Capacity	Btu/h	3600 - 26500
Heating	Rated Capacity @ 47°F	Btu/h	24000
	Rated Capacity @ 17°F	Btu/h	14800
	Min-Max Capacity	Btu/h	4000 - 33000
SEER / EER		20 / 12	
HSPF / COP		10 / 3.3	
Energy Star®		NO	
Cooling Temperature Range		°F	-20 - 122
Heating Temperature Range		°F	-22 - 86
INDOOR UNIT		FLR24HP230V1BF	
Fan Motor Output Power		W	20
Fan Motor FLA		amps	0.32
Air Flow (Min - Max)		CFM	424 - 560
Sound Pressure Level (Cooling / Heating)		dB(A)	27 - 38
Dehumidification		pt/hr	5.3
Condensate Drain Size (OD)		in	11/16
Unit Dimension (WxHxD)		in	47 1/4 X 26 1/4 X 9 1/4
Package Dimension (WxHxD)		in	53 1/2 X 30 1/4 X 11 1/4
Weight (Net / Gross)		lbs	72.8 / 88.2
OUTDOOR UNIT		3VIR24HP230V1AO	
Compressor Type		G-10 / 1-Stage Inverter	
Compressor RLA		amps	10.68
Fan Motor Output Power		W	90
Fan Motor RLA		amps	0.7
Sound Pressure Level (Cooling / Heating)		dB(A)	59
Unit Dimension (WxHxD)		in	39 1/2 X 31 1/8 X 16 7/8
Package Dimension (WxHxD)		in	42 5/8 X 33 1/8 X 19 1/8
Weight (Net / Gross)		lbs	124.6 / 135.6
Refrigerant Charge - R410A		oz	63.5
Coil Type		Aluminum Fin / Copper Tube	
REFRIGERANT PIPING			
Line Set Size (Liquid - Gas)		in	1/4 - 5/8
Pre-Charge Lengh		ft	25
Pipe Length (Min - Max)		ft	10 / 98
Max. Pipe Elevation		ft	66
ELECTRICAL			
Power Supply (Voltage Operating Range)		208-230V / 1Ph / 60Hz	
Rated Current (Cooling / Heating)		amps	7.5 / 14.5
MCA / MOCP		amps	16 / 25
Main Power Wire Size		AWG	Size Per Local Code
Interconnecting Wire Size		AWG	14 / 4
LIMITED WARRANTY			

FEATURES & FUNCTIONS SUMMARY**3VIR24HP230V1AO / FLR24HP230V1BF****SYSTEM FEATURES**

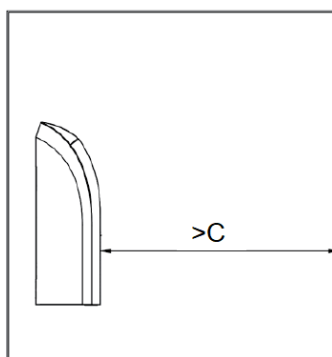
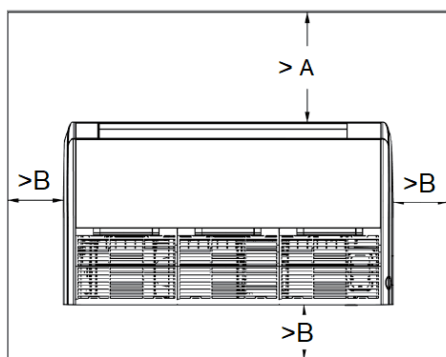
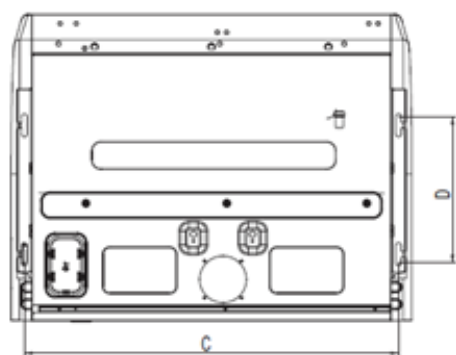
Inverter Type	G10
Ultra Low Frequency Torque Control	Yes
Power Factor Correction	Yes
Compressor Type - Inverter	High Efficiency Rotary
Basepan With Electric Heater	Yes
Indoor & Outdoor Fin Coating (Blue Fin)	Yes
Intelligent Defrosting	Yes
Intelligent Preheating	Yes
Low Voltage Startup	Yes
Memory/Power Failure Recovery	Yes
Self Diagnosis	Yes
Wired Controller Interface	Yes
WiFi Included	No
Indoor Fan Type	Centrifugal
Multi Fan Speeds	4 Speeds
Indoor Unit Display	Yes
Auxiliary Electrical Heater	No
Ventilation (Outdoor Air)	No

REMOTE CONTROLLER FUNCTIONS

Auto Mode	Yes
Auto Fan	Yes
Auto Swing - (Horizontal Auto Swing)	Yes
Auto Swing - (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 (4 Speeds)	Yes
I Feel Function	Yes
Privacy Lock	Yes
Quiet Mode	Yes
Room Temperature Display	No
Sleep Mode (Normal Sleep)	Yes
4 Sleep Mode Options	No
Timer Mode	Yes
Turbo Mode	Yes
Display On/Off Control	Yes
Freeze Guard Mode	Yes
Power Failure Mode	Yes

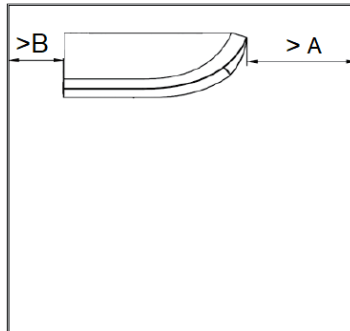
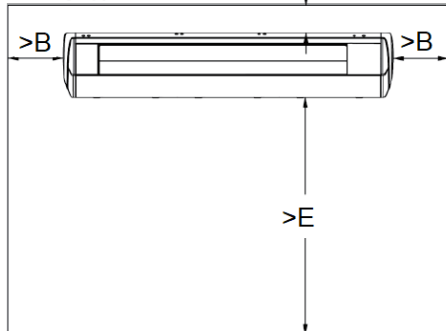


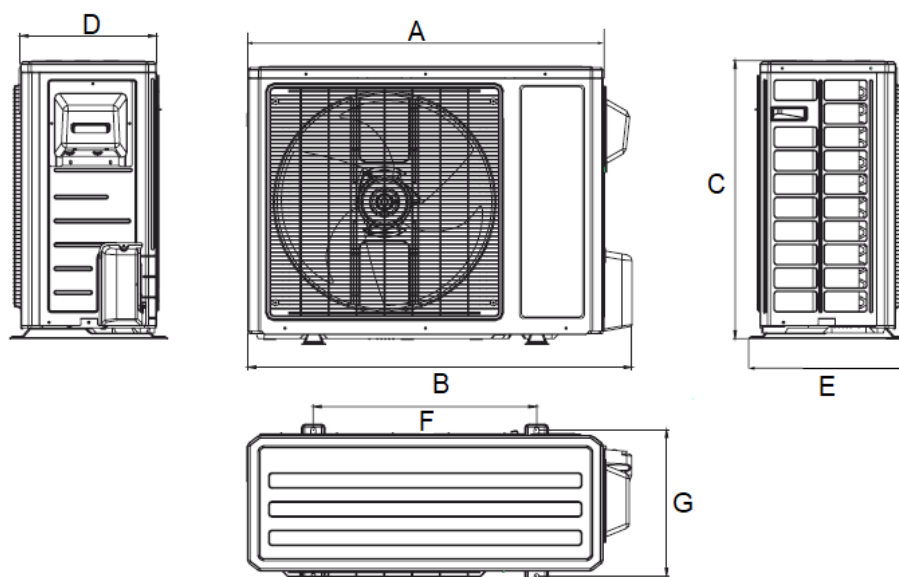
Dimensions	
A	47 1/4
B	9 1/4
C	45
D	12 1/2
H	26 1/4



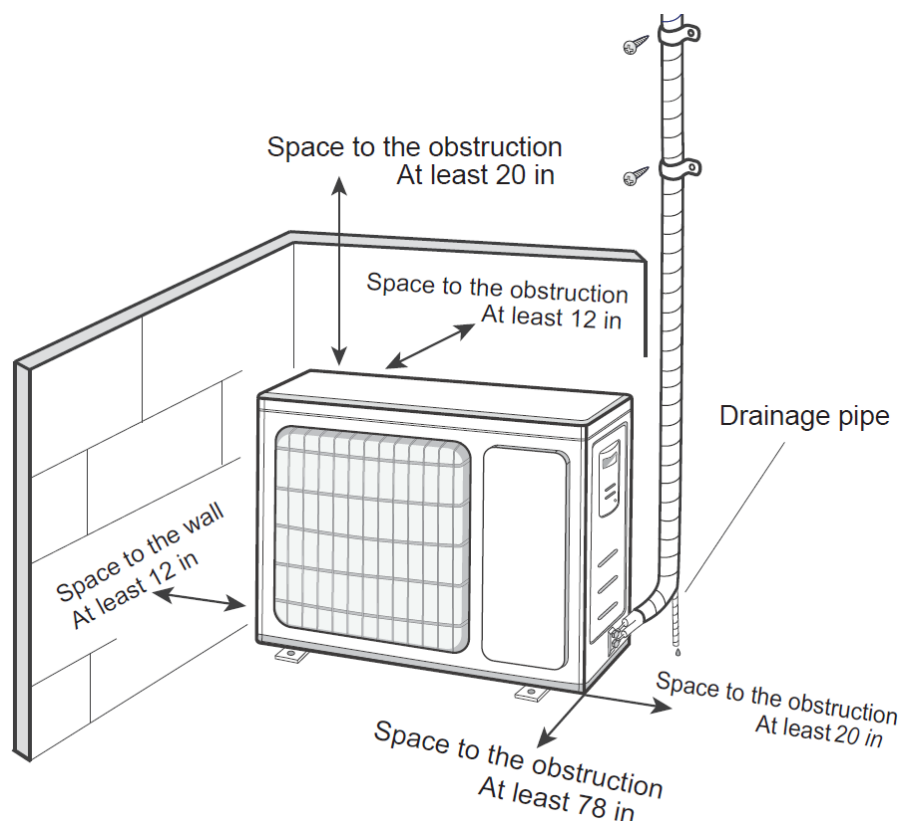
Dimensions	
A	60
B	12
C	39
D	6
E	90

Ceiling Type





Dimensions	
A	36 1/4
B	39 1/2
C	31 1/8
D	14 9/16
E	16 7/8
F	24
G	15 9/16



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