



SUBMITTAL DATA - OUTDOOR UNIT
VEP312C432G
VRF HEAT PUMP
440-460 / 3 / 60

Job Name: _____
Location: _____
Schedule No.: _____
System Designation: _____

Engineer: _____
Architect: _____
Date: _____
For: Reference Approval Review Construction

FEATURES

- Two-pipe heat pump
- Accelerated complete coil defrost
- ECM Motors
- Thermal and Current Protection
- Access to electrical box for ease of maintenance
- Compressor mounted on vibration isolation pads
- Intelligent duty cycle operation
- Two stages oil separation
- Electronic Expansion Valves
- Brazed Connections
- Subcooling Control Technology
- Automatic Oil Balance

PRODUCT WARRANTY

Compressor - Seven year limited warranty
 All other components - Five year limited warranty

SPECIFICATIONS

PERFORMANCE

Cooling Capacity* (Btu/h)		296,000	
EER	(W/W)	Ducted	3.08
		Non Ducted	2.99
		Mixed	3.03
	(Btu/h)/W	Ducted	10.50
		Non Ducted	10.20
		Mixed	10.35
IEER	(Btu/h)/W	Ducted	20.00
		Non Ducted	20.00
		Mixed	20.00
Cooling Power Input (W)		7,300 + 7,300 + 9,580	
Heating Capacity(47°F)* (Btu/h)		334,000	
COP (47°F)	(W/W)	Ducted	3.25
		Non Ducted	3.25
		Mixed	3.25
Heating Capacity (17°F)* (Btu/h)		206,000	
COP (17°F)	(W/W)	Ducted	2.00
		Non Ducted	2.20
		Mixed	2.20
Heating Power Input (W)			



ELECTRICAL DATA

Power Supply	440-460 / 3 / 60
MOCP (A)	25 + 25 + 30
MCA (A)	18 + 18 + 25
Circuit Breaker Capacity (A)	25 + 25 + 30

GENERAL DATA

Combination Ratio Indoor / Outdoor	50% to 135%
Max. # of Indoor Units	51
Sound Pressure Level (dBA)	65
Refrigerant Type	R410a
Factory Refrigerant Charge (oz)	345.7 + 345.7 + 398.7
Compressor Type/Qty	Inverter Scroll / 1+1+2
Fan Type/Qty	Axial / 2 + 2 + 2

DIMENSIONS

Unit Dimensions (in)	Height	63 1/4 + 63 1/4 + 63 1/4
	Width	52 3/4 + 52 3/4 + 52 3/4
	Depth	30 1/8 + 30 1/8 + 30 1/8
Liquid Pipe Connection (in)	3/8 - 3/8 - 1/2	
Gas Pipe Connection (in)	7/8 - 7/8 - 1	
Oil Pipe Connection (in)	3/8	
Shipping Weight (lb)	705 + 705 + 826.9	
Net Weight (lb)	672 + 672 + 793.8	

NOTES:
 *Cooling and Heating Capacity data AHRI-1230-2010 conditions

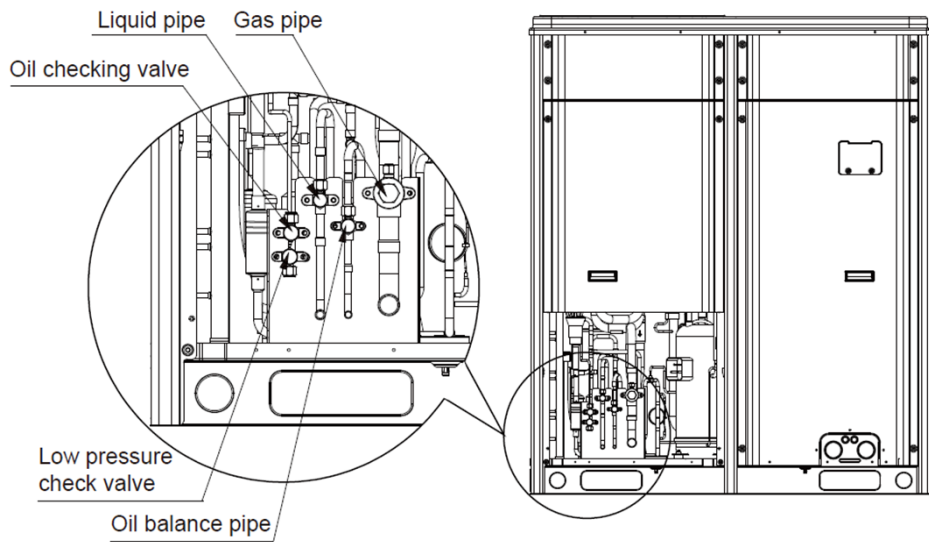
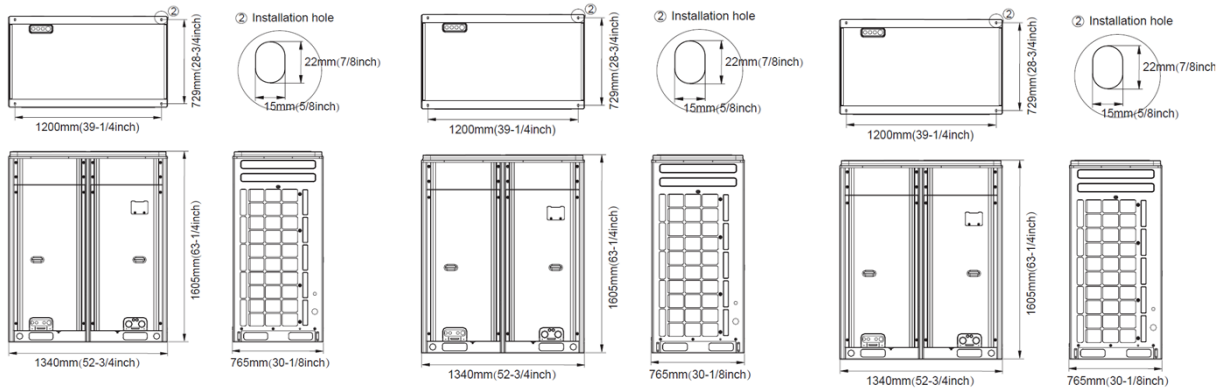


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DIMENSIONAL DRAWINGS



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