



SUBMITTAL DATA - OUTDOOR UNIT
VEP120C432G
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)		114,000	
EER	(W/W)	Ducted	3.28
		Non Ducted	3.63
		Mixed	3.46
	(Btu/h)/W	Ducted	11.20
		Non Ducted	12.40
		Mixed	11.80
IEER	(Btu/h)/W	Ducted	22.30
		Non Ducted	25.20
		Mixed	23.75
Cooling Power Input (W)		9,580	
Heating Capacity(47°F)* (Btu/h)		129,000	
COP (47°F)	(W/W)	Ducted	3.30
		Non Ducted	3.95
		Mixed	3.63
Heating Capacity (17°F)* (Btu/h)		87,000	
COP (17°F)	(W/W)	Ducted	2.30
		Non Ducted	2.41
		Mixed	2.36
Heating Power Input (W)		10,420	

ELECTRICAL DATA

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

GENERAL DATA

Combination Ratio Indoor / Outdoor	50% to 135%
Max. # of Indoor Units	19
Sound Pressure Level (dBA)	63
Refrigerant Type	R410a
Factory Refrigerant Charge (oz)	345.7
Compressor Type/Qty	Inverter Scroll / 2
Fan Type/Qty	Axial / 2

DIMENSIONS

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



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

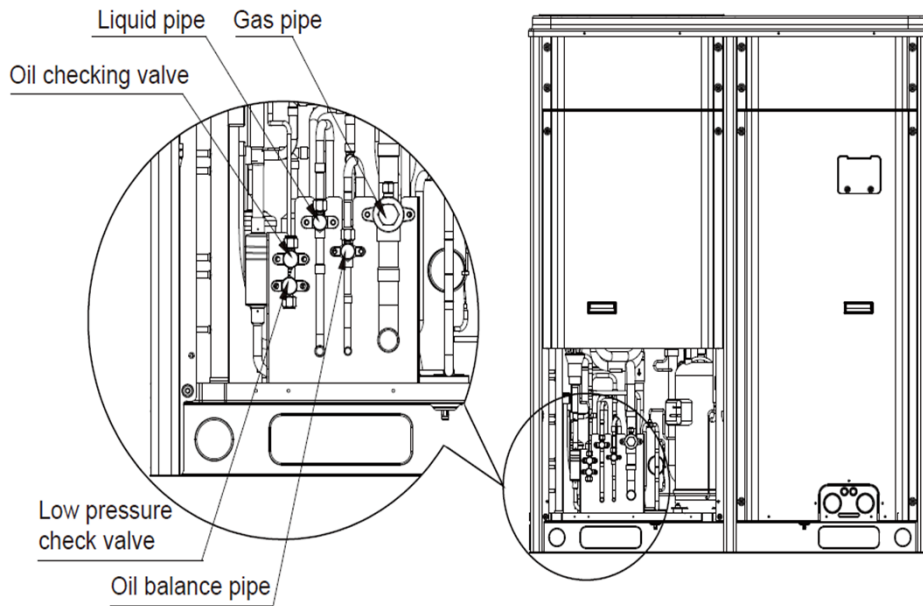
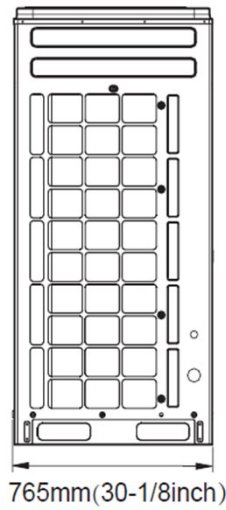
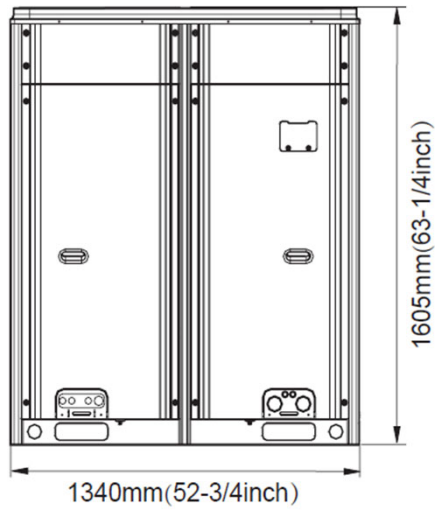
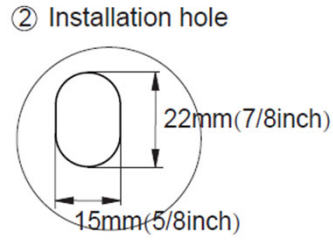
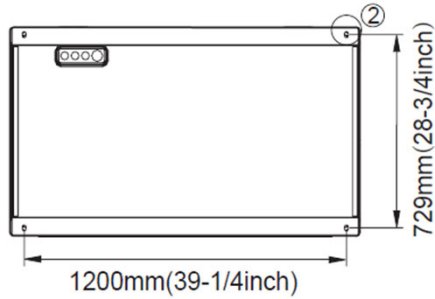


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DIMENSIONAL DRAWINGS



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