Single Phase VRF Outdoor Unit
38VMB036HDS3-1—Heat Pump

Submittal Data

Job Name _____ Location _____

Tag _____

Standard Features

- High Efficiency Rotary Inverter Compressor
- Optimized Compressor Start-Up Technology
- DC Condenser Fan Motor
- Aerodynamic Fan Design for Increased Airflow
- Field Configurable Four Side Piping Connection
- 492 ft (150m) actual total system piping (liquid line)

Header Unit Model		38VMB036HDS3-1
PERFORMANCE		
Nominal Cooling Capacity	Btu/h	36,000
Nominal Heating Capacity	Btu/h	40,000
Maximum Total Connected Indoor Unit Capacity		50% to 130%
COOLING EFFICIENCY†		
SEER, Ducted FCUs	Btu/Wh	18.10
SEER, Ductless FCUs	Btu/Wh	19.20
HEATING EFFICIENCY†		
HSPF, Ducted FCUs	Btu/Wh	10.30
HSPF, Ductless FCUs	Btu/Wh	11.00
Fan Type (Qty)		Propeller (2)
Airflow, Standard Range	CFM	4,100
Sound Pressure, Cooling/Heating	dBA	58.7
ELECTRICAL		
Power Supply	V/Ph/Hz	208-230/1/60
Minimum Circuit Amps (MCA)	A	36
Recommended Fuse Size	A	40

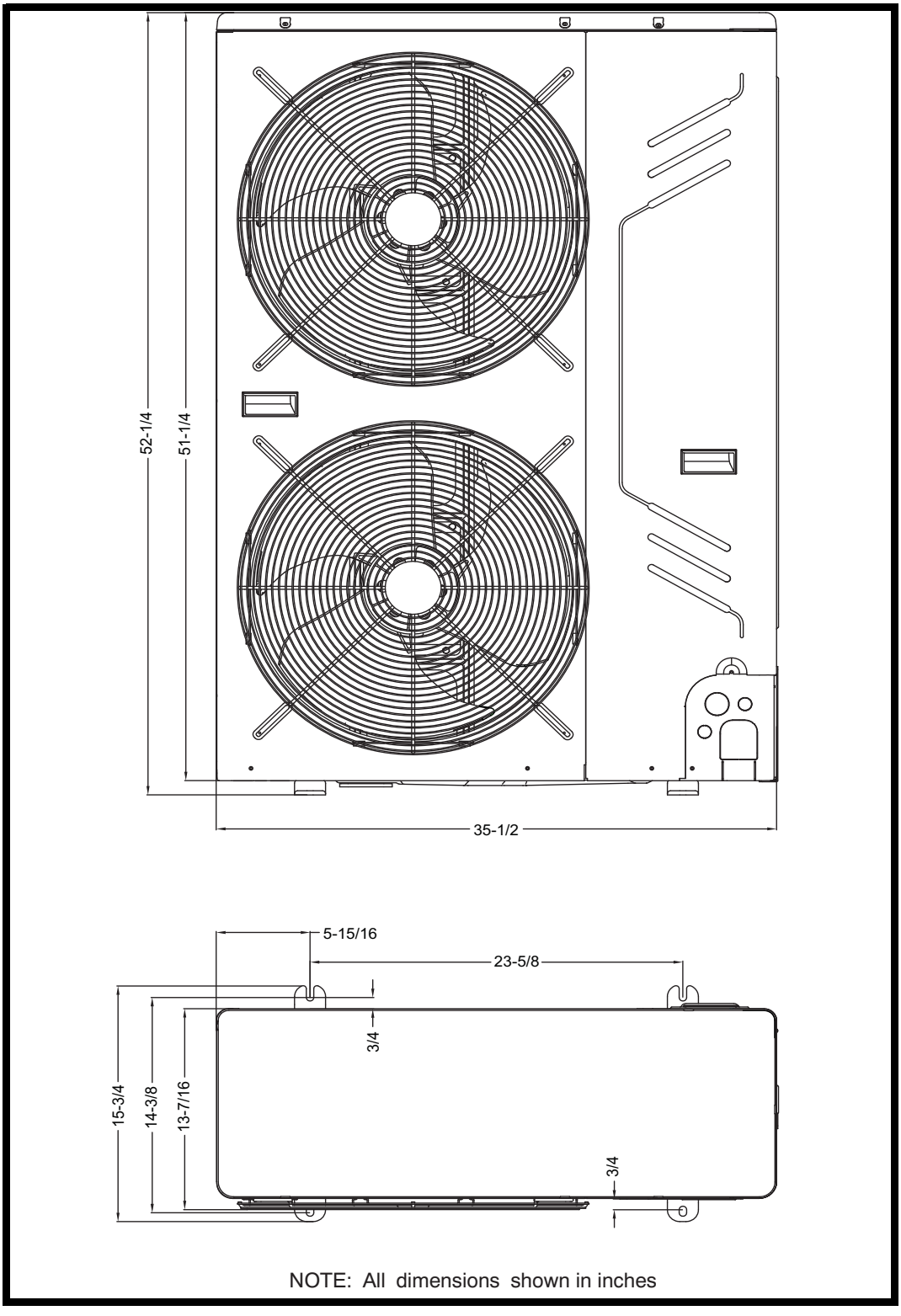
LEGEND
SEER — Seasonal Energy Efficiency Ratio
FCU — Fan Coil Unit
HSPF — Heating Seasonal Performance Factor

COMPRESSORS		
Type (Number)		Hermetically Sealed Rotary DC Inverter (1)
FAN MOTOR		
Motor Type (Qty)		Brushless DC (2)
PHYSICAL DATA		
Pipe Connection Size - Liquid (High Pressure)	in.	3/8
Pipe Connection Size - Gas (Low Pressure)	in.	5/8
Refrigerant		R-410A
Factory Charge††	lb	8.6
Unit Width	in.	35-1/2
Unit Height	in.	52-1/4
Unit Depth	in.	15-3/4
Net Weight	lb	220.0
OPERATING TEMPERATURE RANGE		
Cooling (DB)	°F	5~118
Heating (WB)	°F	-13~64

†Rated per AHRI (Air-Conditioning, Heating and Refrigeration Institute) 210/240 Standard.
Cooling: Indoor 80°F (27°C) db/67°F (20°C) wb; Outdoor 95°F (35°C) db
Heating: Indoor 70°F (21°C) db; Outdoor 47°F (8°C) db/43°F (6°C) wb

††Additional charge required.

DIMENSIONAL DRAWING
OUTDOOR UNIT 38VMB036HDS3-1



NOTE: All dimensions shown in inches