

AHRI 210/240 Performance Data

Nominal HP System Tonnage	Heat Pump Model	Cooling Capacity (BTU/h)			Heating Capacity			CFM
		Total	EER ²	SEER ²	Hi	HSPF ³	Low ⁴	
3	MRC-36HWD1N1-M16A	57000	9.0	15.2	57000	8	43000	1750
5	MRC-60HWD1N1-M16A	34200	9.5	15.2	34200	8	24000	1250

Table 3

¹ Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240

² Energy Efficiency Ratio; Certified per AHRI 210/240

³ HSPF = Heating Seasonal Performance Factor; Certified per AHRI 210/240

⁴ Jumper cut or dip switch off

Model	MRC-36HWN1-M16A	MRC-60HWN1-M16A
UNIT DIMENSION AND WEIGHTS		
Height (in.)	24-13/16	33-3/16
Width (in.)	52	28
Depth (in.)	38-1/4	42-1/16
Weight (lbs.)	346	463



MRC-X152H Series Inverter Rooftop Packaged Up to 15.2 SEER2 /9.5 EER2 Heat Pump 3/5 Ton



Features

- ❖ High efficiency, 15.2 SEER2 & 8.0 HSPF
- ❖ Inverter technology, more quiet operation
- ❖ ECM indoor fan motor, saving more operation cost
- ❖ Compatible with 24V wired controller
- ❖ Auto fan is standard (4 fan speed)
- ❖ Cold air prevention function, more comfortable
- ❖ Multiple system protection
- ❖ Intelligent oil return technology
- ❖ AHRI certified and ETL listed
- ❖ All-aluminum tubes & fins.



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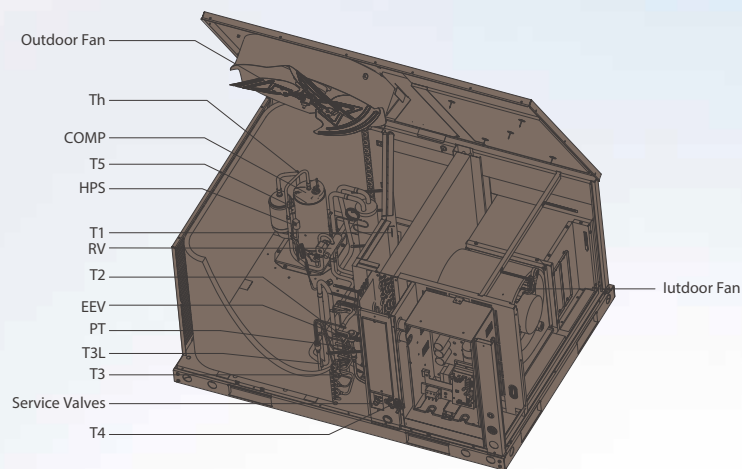
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Note: Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.

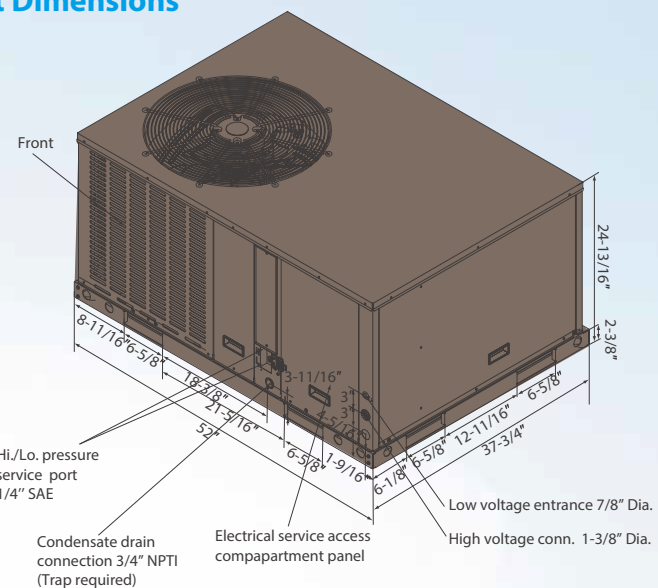


Component Location and Unit Dimensions

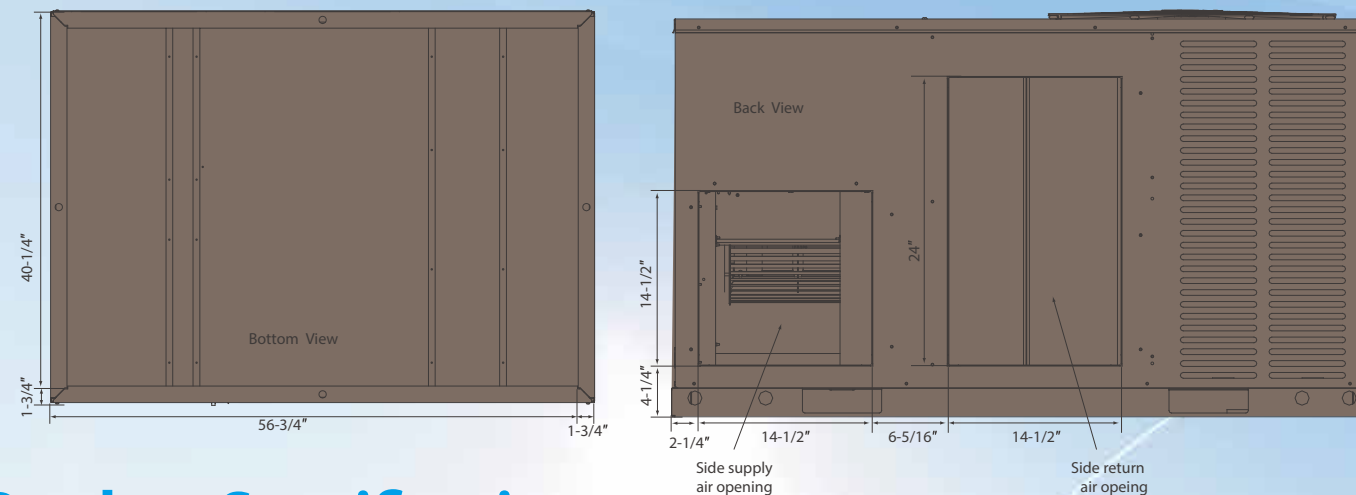
3ton model Component Location



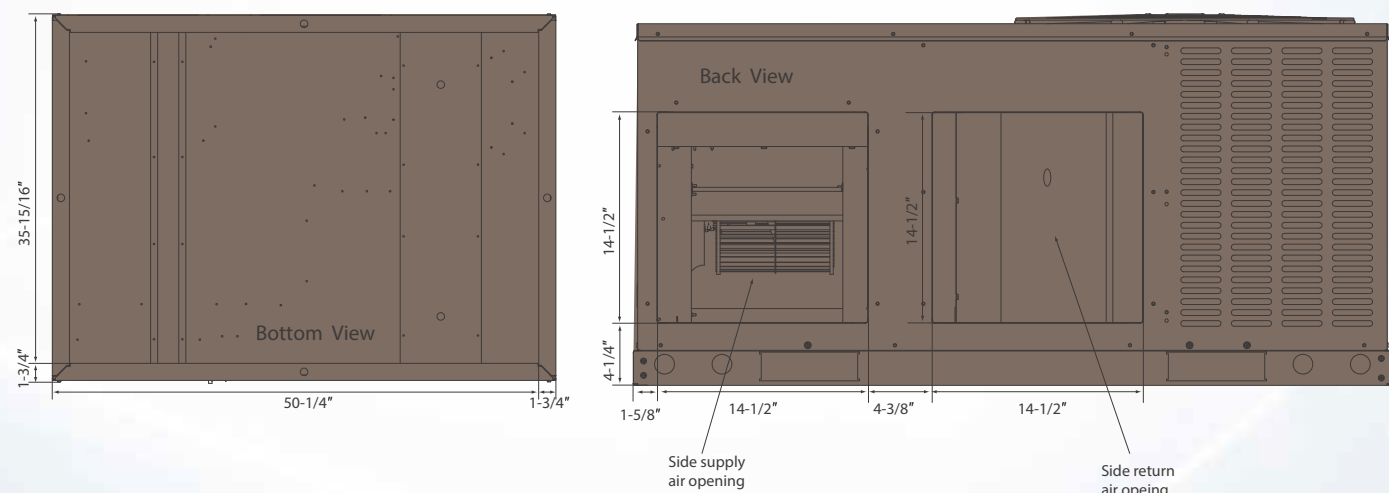
Unit Dimensions



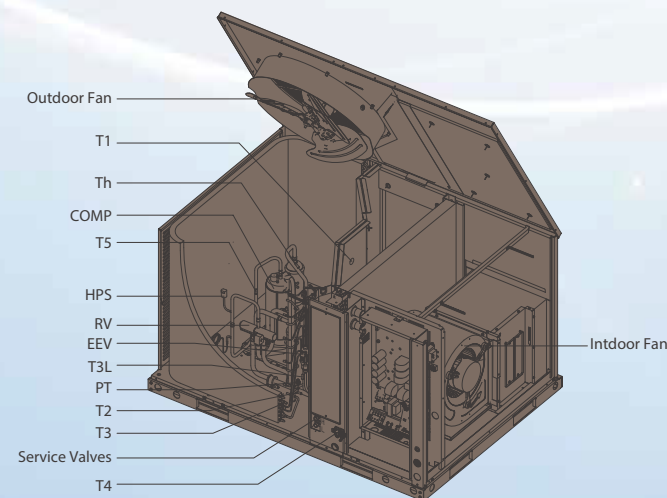
Unit Dimensions Back and Bottom



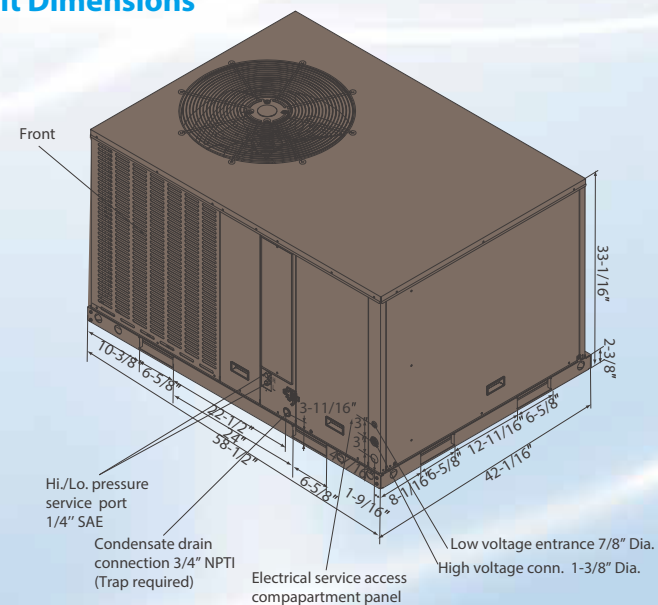
Unit Dimensions Back and Bottom



5ton model Component Location



Unit Dimensions



Product Specifications

Model	MRC-36HWD1N1-M16A	MRC-60HWD1N1-M16A
NOMINAL CAPACITY		
Cooling (BTU/h)	36,000	60,000
Heating (BTU/h)	/	/
ELECTRICAL DATA		
Voltage / Phase (60 Hz)	208/230 / 1	208/230 / 1
Min. / Max. Voltage	187/253	187/253
MCA	25.1	41.8
MOP	40	60
COMPRESSOR		
Type	Rotary	Rotary
Stage	Single	Single
RLA	15.0	27.0
OUTDOOR COIL		
Type	Tube & Fin	Tube & Fin
Tube Size(O.D)	9/32	9/32
OUTDOOR FAN MOTOR		
Motor Type	ECM	ECM
Capacitor(uF)	/	/
Horsepower (HP)	1/3	1/3
Full Load Amps (FLA)	2.0	2.0
Rated RPM	980	980
INDOOR COIL		
Type	Tube & Fin	Tube & Fin
Tube Size(O.D)	9/32	9/32
INDOOR BLOWER MOTOR		
Motor Type	ECM	ECM
Capacitor(uF)	/	/
Horsepower (HP)	1/2	3/4
Full Load Amps (FLA)	4.3	6.0
Rated RPM	1050	1050
REFRIGERATION SYSTEM		
Refrigerant Control	EEV	EEV
Refrigerant Charge (lbs. - oz.)	5-13	5-12
OPERATION RANGE		
Cooling(°F)	55-115	55-115
Heating(°F)	5-86	5-86
SOUND POWER (DB)	80	81