

 **MRCOOL**[®]
COMFORT MADE SIMPLE

Signature Series

Up to 14.3 SEER2
Heat Pump Condenser

CHARGED WITH
R-454B
REFRIGERANT

This Heat Pump Condenser is a high-efficiency, all-season solution is designed to deliver dependable heating and cooling throughout the year.

This Signature Series system provides consistent indoor comfort while helping homeowners lower their energy bills. Whether you're battling intense summer heat or winter's chill, this efficient heat pump is built to keep your home comfortable, no matter the season.



- ✓ Low GWP
- ✓ 10-Year Limited Warranty*
- ✓ Factory Pre-Charged
- ✓ Intelligent Defrost Function
- ✓ Quiet Operation
- ✓ Steel Louver Coil Guard
- ✓ Compact, Lightweight Cabinet
- ✓ Temperature & Pressure Sensors



*Warranty provides a non-transferable limited warranty for a total of ten (10) years of limited warranty coverage for Parts and a limited lifetime Compressor warranty.

V 09.04.25

SPECIFICATION

SIGNATURE SERIES HEAT PUMP CONDENSER

MODEL NO.	UNITS	MCAESHS4T1821AA	MCAESHS4T2421AA	MCAESHS4T3021AA	MCAESHS4T3621AA	MCAESHS4T4221AA	MCAESHS4T4821AA	MCAESHS4T6021AA
CAPACITY & PERFORMANCE								
Cooling Capacity	Btu/h	17000	22000	27500	33000	39000	45000	55000
SEER2	Btu/h.W	14.3	14.3	14.3	14.3	14.3	14.3	14.3
EER2	Btu/h.W	11.7	11.7	11.7	11.7	11.7	11.2	11.2
Heating Capacity	Btu/h	17000	22000	27500	33000	39000	45000	55000
HSPF2	Btu/h.W	7.5	7.5	7.5	7.5	7.5	7.5	7.5
Air Flow	CFM	1950	1950	2200	2750	2950	4000	4000
Sound Level	dB(A)	60	60	63	63	65	65	65
ELECTRICAL PARTS								
Rated Voltage	(V-Hz,Ph)	208/230-60,1	208/230-60,1	208/230-60,1	208/230-60,1	208/230-60,1	208/230-60,1	208/230-60,1
Min. Current Ampacity (MCA)	A	12.2	15.2	18	22.2	26	30	37
Max. Current Over Protection (MOP)	A	20	20	30	30	45	50	60
DIMENSIONS & WEIGHT								
Net Dimension (WxHxD)	inch	23.6 x 25 x 23.6	23.6 x 25 x 23.6	23.6 x 25 x 23.6	29.14 x 25 x 29.14	29.14 x 32.8 x 29.14	29.14 x 32.8 x 29.14	29.14 x 32.8 x 29.14
Packing Dimension (WxHxD)	inch	24.8 x 26.2 x 24.8	24.8 x 26.2 x 24.8	24.8 x 26.2 x 24.8	30.3 x 26.2 x 30.3	30.3 x 34.8 x 30.3	30.3 x 34.8 x 30.3	30.3 x 34.8 x 30.3
Net/Gross Weight	lbs	144/150	144/151	146/152	173/182	202/212	223/232	225/235
REFRIGERANT CONNECTION VALVE								
Liquid Side	inch	3/8	3/8	3/8	3/8	3/8	3/8	3/8
Gas Side	inch	3/4	3/4	3/4	3/4	3/4	3/4	7/8



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