




Product Comparison

Sycamore, Aston, and Magnolia Plus Low GWP Models



Model		Sycamore Series with Low GWP	Aston Series with Low GWP	Magnolia Plus Series with Low GWP
Applications		The ultimate in luxury Variable capacity forced air heating and cooling with hot water assist.	Efficiency and environmental performance Aston Series with Low GWP models utilize our most eco-friendly refrigerant.	Combining value & performance GeoStar Magnolia Plus Series units are the perfect balance between performance and price.
Sizes		2 to 5 ton variable capacity (4 sizes)	1.5 to 6 ton dual capacity (8 sizes)	2 thru 6 ton dual capacity (5 sizes)
Efficiency AHRI 13256-1 (GLHP) Closed loop	Part Load	5.1 - 5.2 COP / 42.0 - 47.0 EER	4.2 - 5.0 COP / 24.8 - 30.0 EER	3.9 - 4.1 COP / 20.4 - 22.4 EER
	Full Load	3.5 - 4.1 COP / 17.1 - 23.6 EER	4.0 - 4.5 COP / 18.3 - 20.8 EER	3.4 - 4.0 COP / 15.2 - 16.4 EER
Refrigerant		R-454B	R-454B	R-454B
Compressor		High-efficiency scroll (variable capacity)	High-efficiency scroll (dual capacity)	Scroll (dual capacity)
Blower		Variable speed ECM	Variable speed ECM	5-speed ECM
Cabinet Configurations		Vertical top Horizontal end or side discharge All left or right return	Vertical top flow Vertical bottom flow Horizontal end or side discharge All left or right return	Vertical top flow Horizontal end or side discharge All left or right return
Stages * with auxiliary heat		3 heat*, 2 cool	3 heat*, 2 cool	3 heat*, 2 cool
Controls		Aurora Advanced Controller with energy monitoring	Aurora Advanced Controller with energy monitoring	Aurora Base Controls
Air Coil		All-aluminum	All-aluminum	All-aluminum
Desuperheater		Optional Internal mount pump	Optional Internal mount pump	Optional Internal mount pump
Auxiliary Heat		Optional Internal mount on vertical	Optional Internal mount on vertical	Optional Internal mount on vertical
Zone Control Option		IntelliZone2 (up to 4 zones)	IntelliZone2 (up to 4 zones)	IntelliZone2 24V (up to 4 zones)
Warranty		5 year refrigerant circuit parts/labor allowance and 2 year remaining parts/labor allowance Additional warranty buy-ups available	5 year refrigerant circuit parts/labor allowance and 2 year remaining parts/labor allowance Additional warranty buy-ups available	5 year refrigerant circuit parts/labor allowance and 2 year remaining parts/labor allowance Additional warranty buy-ups available
ENERGY STAR Rated Closed earth loop rating points		 Yes—All sizes	 Yes—All ECM models	 Yes—All sizes