

Product Comparison

Aston Series with Low GWP, Aston Advanced and Magnolia Plus



Model		Aston Series with Low GWP	Aston Advanced Series	Magnolia Plus Series
Applications		Efficiency and environmental performance Aston Series with Low GWP models utilize our most eco-friendly refrigerant.	One of our most efficient units Aston Series units offer dual capacity forced air heating and cooling with hot water assist	Combining value & performance GeoStar Magnolia Plus Series units are the perfect balance between performance and price.
Sizes		1.5 to 6 ton dual capacity (8 sizes)	2 thru 6 ton dual capacity (5 sizes)	2 thru 6 ton dual capacity (5 sizes)
Efficiency AHRI 13256-1 (GLHP) Closed loop	Part Load	4.2 - 5.0 COP / 24.8 - 30.0 EER	3.9 - 4.8 COP / 24.9 - 28.0 EER	3.7 - 4.1 COP / 20.6 - 22.3 EER
	Full Load	4.0 - 4.5 COP / 18.3 - 20.8 EER	3.7 - 4.2 COP / 17.6 - 22.0 EER	3.4 - 3.8 COP / 15.5 - 16.5 EER
Refrigerant		R-454B	R-410A	R-410A
Compressor		High-efficiency scroll (dual capacity)	Scroll (dual capacity)	Scroll (dual capacity)
Blower		Variable speed ECM	ECM variable speed 5-Speed ECM	5-speed ECM
Cabinet Configurations		Vertical top flow Vertical bottom flow 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 Controls with energy, refrigeration, and performance 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 ECM models	Yes—All ECM models and most PSC models	Yes—All sizes