



AeroPure™ TA Series is an oil-free air source heat pump designed for efficient low-temperature heating. Powered by magnetic bearing technology and intelligent control, it delivers stable, low-carbon heating with quiet, reliable operation.



Oil-Free Magnetic Bearing Technology



System-Level Heating Design



Stable Performance Where It Matters



Quiet, Smooth Operation



Built for Electrification

Key Specifications

- **Capacity range (cooling reference):**
75 RT to 400 RT
- **Cooling & Heating capacity:**
260 to 1440 kW
- **Refrigerants:**
R134a, R513A, R1234ze, R515B
- **Heating application range:**
90°F to 113°F LWT (32°C to 45°C)
- **Pressure ratio:** ≤ 6.2

System Design

- Oil-free magnetic bearing compressors
- Intelligent control logic
- Integrated defrost management designed for stable heating operation

Controls & Integration

- BAS ready
- Modbus and BACnet communication

Configuration

COMPRESSOR	TTH375-MT		TGH285-MT				
REFRIGERANT	R134a/R513a		R1234ze/R515B				
TA Series OFC ASHP	Nominal Heating/Cooling Capacity		Nominal Heating/Cooling Capacity		Circuits	Compressors	Fans
	TA036.1O.BAJ.06.S31	100 RT	TA026.1Q.BAH.06.S21	75 RT	1	1	6
	TA072.2O.BAT.12.S32	200 RT	TA052.2Q.BAQ.12.S22	150 RT	2	2	12
	TA108.3O.BBB.18.S33	300 RT	TA078.3Q.BAX.18.S23	225 RT	3	3	18
	TA144.4O.BBK.24.S34	400 RT	TA104.4Q.BBE.24.S24	300 RT	4	4	24

AeroPure™ TA Series

Redefining Heat Pumps with Oil-Free Magnetic Power

With a suite of highly efficient and dependable HVAC solutions, we are your trusted partner wherever you may be.

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Subject to design conditions and select refrigerants.