

Agility® Magnetic Bearing Centrifugal Chiller

Model HDWA | Model HDTA (Twinplex™)



Compact Size Without Compromise

The Trane® Agility magnetic bearing centrifugal chiller simplifies complex retrofits with flexible installation, oil-free efficiency, and scalable performance, now available up to 850 tons.



Energy-Efficient Operation

Reduces energy use and demand charges to lower operating expenses.

- ✓ **Efficiency that Exceeds Standard Requirements**
Full-load and Integrated Part Load Values (IPLV) outperform ASHRAE® 90.1-2022 standard, helping reduce electrical consumption and demand charges, contributing to lower operating expenses.
- ✓ **Precise Capacity Management**
Coordinated compressor speed and guide vane control helps maintain setpoint efficiently as conditions change.
- ✓ **Efficient at Low Load**
Agility units are designed to operate efficiently at lower loads, helping maintain performance as demand changes.¹
- ✓ **Connected for Smarter Operation**
Symbio® 800 controller enables secure connectivity and integration with building automation systems.



Space-Saving Design, Cost-Effective Installation

Reduces structural modifications to help save installation time and lower project costs.

- ✓ **Compact, Accessible Design**
 -  Both the HDWA and HDTA Twinplex™ models fit through a standard double door (72" x 80").²
 -  The HDWA breaks down into two sections to pass through a standard single door (36" x 80").
- ✓ **Reduced Installation Complexity**
A compact footprint minimizes structural modifications cutting labor, disruption, and installation cost.



Performance Backed by Trane

Delivers stable, efficient performance across a wide range of operating conditions.

- ✓ **Higher-Capacity Configuration**
The HDTA Twinplex™ extends the Agility line into higher tonnages, pairing dual compressors on the same proven magnetic bearing platform to deliver more capacity.
- ✓ **Optimized Heat Rejection**
A hybrid adaptive frequency drive helps improve heat rejection efficiency and supports long-term reliability.
- ✓ **Resilient Restart Performance**
Onboard Uninterruptible Power Supply (UPS) protection and Rapid Restart™ keep the Agility ready through power interruptions.



Reduce Your Environmental Footprint

Helps reduce environmental impact while supporting building sustainability goals.

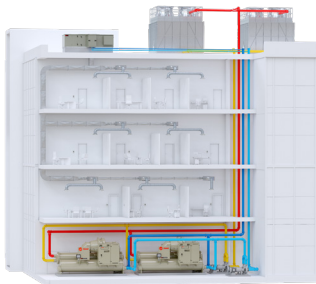
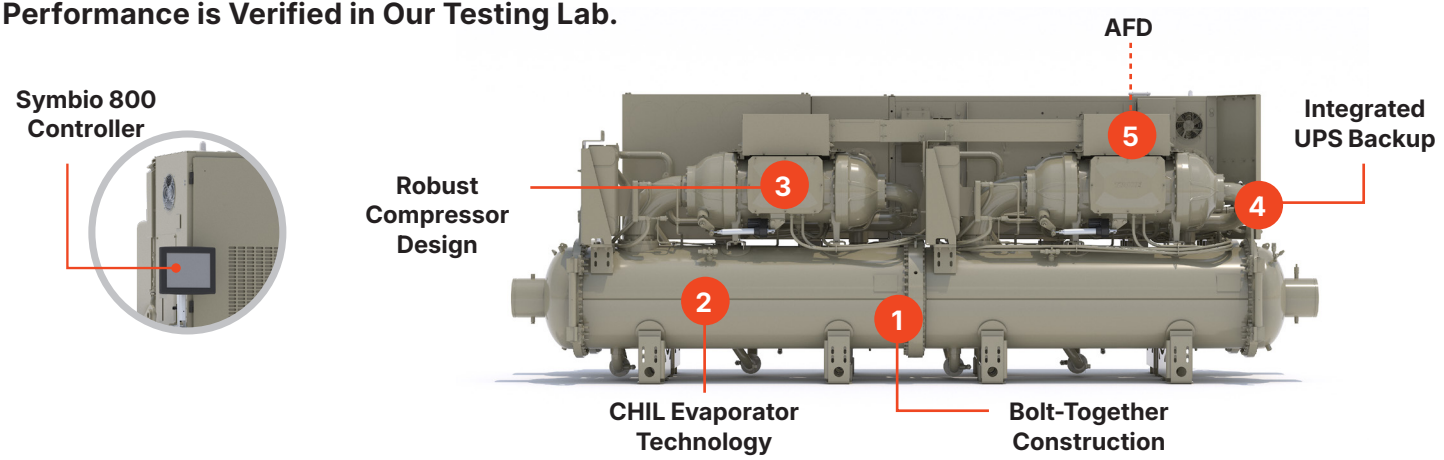
- ✓ **Lower-GWP Refrigerant**
Agility chillers use low-GWP R-513A, offering a 55% reduction in global warming potential compared to R-134a.
- ✓ **Third-Party Verified Transparency**
The HDWA features a third-party verified EPD, supporting sustainability documentation and informed decision-making.
- ✓ **Flexible Design Options**
Available features such as harmonic filters, heat recovery, and thermal energy storage help manage peak demand and support lower-impact operation.³

¹ Performance will vary by unit. Please consult with a Trane representative for specific details.

² The HDWA and HDTA models fit through standard double doors with most options; some options require further disassembly. See product catalog for details.

³ Some available options may vary by unit. Please consult with a Trane representative for specific details.

Reliable Heating and Cooling.
Performance is Verified in Our Testing Lab.



The Agility chiller is a part of the **Comprehensive Chilled Water System**, which delivers high performance cooling while reducing initial costs.

Performance Data	HDWA	HDTA (Twinplex™)
Cooling Capacity	175-550 tons ⁴ (2,100-4,900 MBH)	550-850 tons ⁴
Physical Data		
Compressor	Centrifugal, Magnetic Bearing	Centrifugal, Magnetic Bearing
Number of Circuits	1	2
Refrigerant	R-513A	R-513A
Shell Config (EVAP/COND)	020/020, 040/040	080A
Refrigerant Charge (lbs)	Up to 800	625
Electrical Data		
Voltage	208-600V	460-600V
Certifications		
ISO 9001 Certified Third-Party Verified EPD		
Dimensional Data		
HDWA	129.9 in (Length) 67.4 - 70.7 in (Width) 72.2 - 78 in (Height)	
HDTA	220.3 - 230.3 in (Length) 70.5 - 77 in (Width) 79.4 in (Height)	

⁴ Depends on water conditions.

→ **Contact your local Trane representative today or visit trane.com/agility for more information.**



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