



Ascend™ Air-Cooled Chillers - ACS

A quiet, efficient, dependable air-cooled chiller that's easy to maintain.

Push building performance further with the Trane Ascend ACS Air-Cooled Chiller, built for bold results in small-to-medium commercial spaces. With leading efficiency, next-gen refrigerant, and robust flexibility, ACS delivers smart cooling, reliable heating, and proven resilience—so you can be confident in every condition.



Superior Performance Across All Conditions

ACS meets ASHRAE 90.1-2019 at full and part load, tailored with variable or fixed speed fans to optimize energy costs. It thrives from -20°F to 125°F, delivering chilled fluid down to 0°F for cooling. ACS also offers heat recovery options and thermal energy storage capabilities—all with unwavering reliability.



Low-Sound Operation for Sensitive Spaces

Optimize wellness and quiet with ACS's part-load efficiency, featuring optional acoustic packages designed to keep sound levels as low as 95 dBA. Perfect for K-12 and hospitality settings, where disruption is not an option.

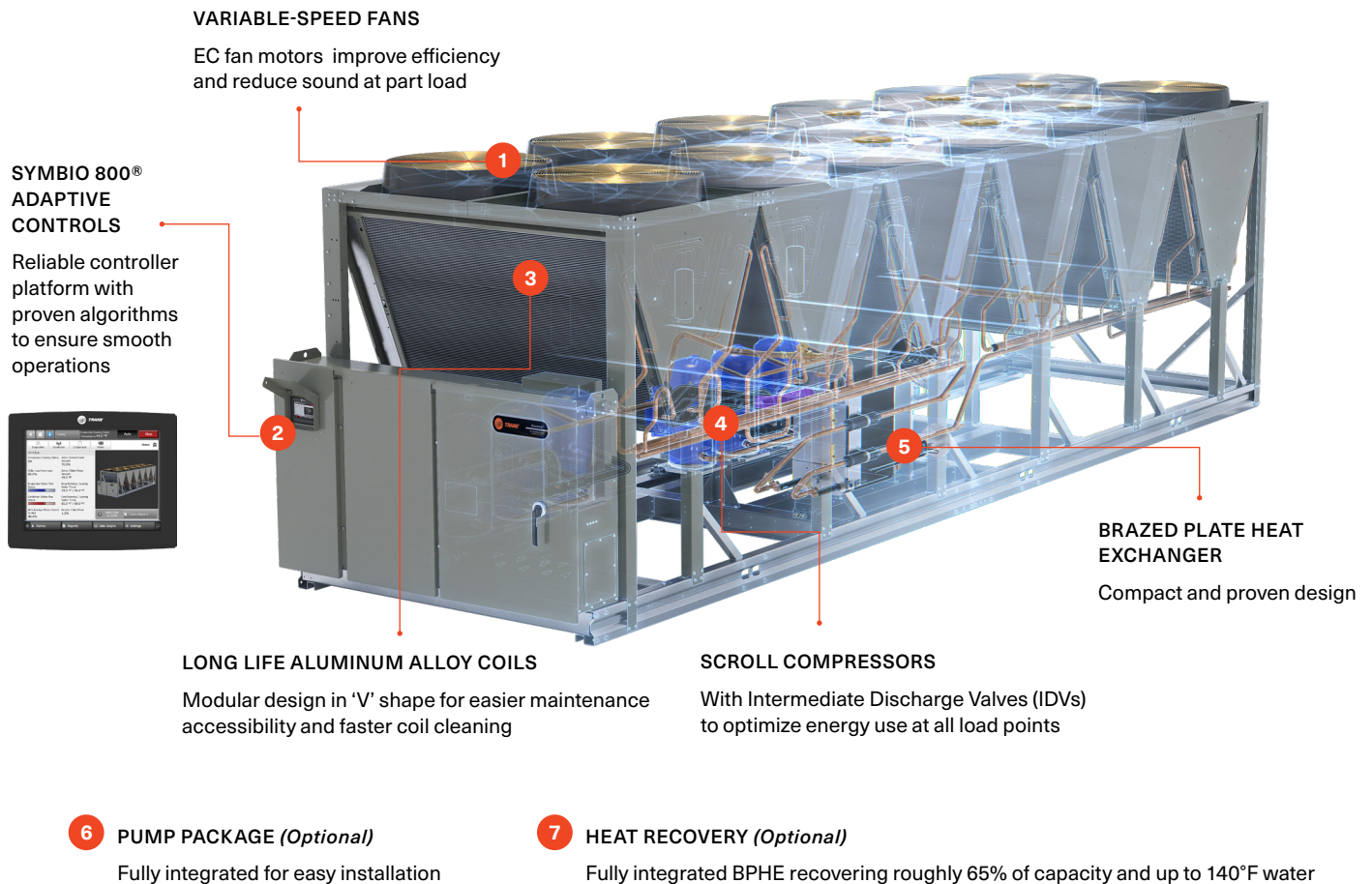


Effortless Maintenance and Reliable, Connected Control

Reduce downtime and simplify service with “open V” coil design, and maintenance-free motors. Intuitive Symbio® 800 controls enable variable flow capabilities to maintain tight temperature control, Rapid Restart™ to help bring the chiller online after a loss of power, and remote monitoring—engineered for easy management by limited maintenance staff.

Capacity range	140-230T
Operating Map	Cooling: Chilled water 0°F to 68°F, -20°F to 125°F ambient Heating: Heat recovery up to 140°F
Compressor	Scroll with intermediate discharge valves (IDV)
Refrigerant	Next-gen, low-GWP R-454B
Controls	Symbio® 800

Trane Ascend™ Air-Cooled Chiller Model ACS



Thermal Energy Storage Systems

Trane's ACS air-cooled chiller seamlessly integrates with Thermal Energy Storage systems to reduce operating costs, shift building loads, and boost efficiency. Take control of energy use and support decarbonization with fast, prepackaged installation and smart controls.

Symbio® Equipment Controller

The Symbio controller, factory-installed on the Ascend™ ACS chiller, enables communication, efficiency, remote access, and integration with building automation systems.

Services & Support

Trane manages and services buildings and equipment with over 3,000 experts, offering end-to-end support, service agreements, user support, and intelligent services.

Ready to learn more or request a quote? Contact your Trane representative today or visit [Ascend™ Air-Cooled Chillers Model ACS | Trane Commercial HVAC](#).



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