

# Custom Performance Climate Changer PSCA AHUs

Outstanding performance and the flexibility to fit any building space requirement



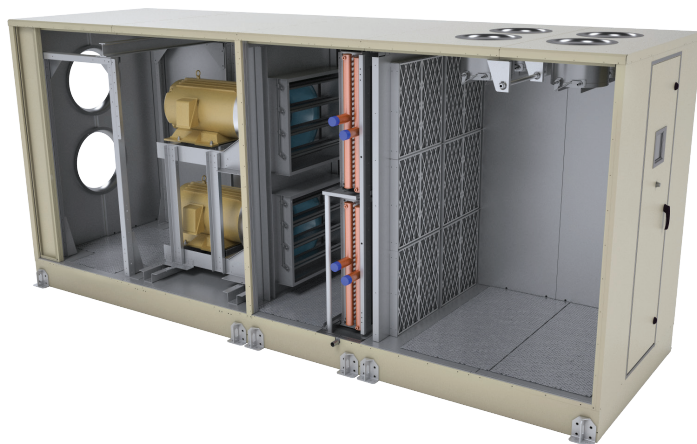
Performance Climate Changer® air handling units (AHUs) deliver energy efficiency, superior performance and one of the lowest installed costs in the industry. The PSCA model utilizes a common platform for both indoor and outdoor units. It is highly customizable due to dimensional, casing and component flexibility; offers numerous integrated controls options; and delivers proven performance.

## Custom Flexibility

Performance Climate Changer PSCA AHUs are among the most versatile air handler solutions on the market, giving you the flexibility to meet tight mechanical space constraints or critical application needs. Casing options include 3-inch R-19 foam-injected wall panels and premium doors; and variable length sections meet desired performance, configuration and service needs. Component options offer further opportunities for customization. These include door options, direct-drive fan arrays, motorized impellers and many others.

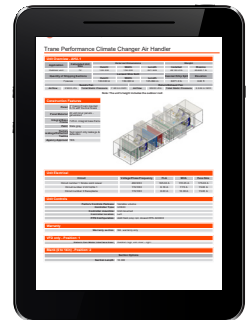
## Performance

With robust casing construction, component redundancy and smart controls, the Performance Climate Changer PSCA AHUs provide an efficient solution in the air handler market. Robust casing construction results in low panel deflection. And the casing, including the unit base, has no-thru-metal with mid-span thermal break panel construction. Our industry-low leakage rates meet ASHRAE® 111 Class 6 for leakage—your assurance that energy will not be wasted and conditioned air will be delivered to the intended space.



## Trane Select Assist

To make your ordering process easier than ever, Trane Performance Climate Changer PSCA is now available through Mobile TOPSS®. Our web-based selection software delivers significant speed improvement in time to get a PSCA unit layout. The updated process has an integrated sizing screen to get the most cost-effective aspect ratio based on job requirements. Enhanced outputs and reports are intuitive and easy to read. The new Mobile TOPSS program improves efficiency and accuracy in your selection process.



## Streamlined Purchasing

Simplified selection and ordering processes combine with industry-leading factory lead times to ensure hassle-free delivery of Performance Climate Changer PSCA AHUs. If you need your custom air handler fast, take advantage of our fast ship cycles that can often be further reduced upon request.

## Serviceability

The PSCA AHUs have optional features that make servicing easy, and they're backed by the expertise of the Trane service network. Features include movable Marine LED lights that can be re-positioned to illuminate the work area. A removable panel aids in coil pull for repair or replacement, and a motor removal rail option makes motor replacement effortless.

## Simplified Installation

- Save commissioning and install time with our offering of factory-engineered, installed and validated controls.
- Realize cost savings through single-point power. With only one electrical connection, the PSCA AHU makes it simpler to accommodate retrofit opportunities and also reduces leakage.
- Your design phase becomes more efficient by the selection process using BIM models to ensure accurate dimensions and technical detail.
- Factory-installed controls, reduce the number of penetrations in the air handler's casing, protecting structural integrity and thermal performance.



## Industry-leading performance features

### Redundancy

Direct drive fans can achieve N+1 redundancy at 10 inches of static. Fans are available with optional backdraft dampers to prevent air from recirculating through a failed fan.

### Controls

Trane PSCA AHUs offer the most comprehensive factory mounted control options that utilize industry standard open BACnet protocols. Selecting factory mounted controls reduces installation time and expense, while ensuring system consistency and reliability. Symbio® unit controls link the air handler with your building automation system, providing 24/7 access to your equipment and data that arms you with the knowledge to optimize your building's operation.



### Questions?

Our customers are backed by the largest team of engineers, account managers and service technicians in the industry. Trane is just a call or click away to provide the ongoing support and consultation you need, leveraging deep systems knowledge to not only optimize the performance of your air handler, but your entire HVAC system.

Learn more [trane.com/PSCA](https://trane.com/PSCA)



Trane – by Trane Technologies (NYSE: TT), a global climate innovator – creates comfortable, energy efficient indoor environments through a broad portfolio of heating, ventilating and air conditioning systems and controls, services, parts and supply. For more information, please visit [trane.com](https://trane.com) or [tranetechnologies.com](https://tranetechnologies.com).

All trademarks referenced in this document are the trademarks of their respective owners.

© Trane. All Rights Reserved.

CLCH-SLB032-EN  
07/25/2023