# ALTITUDE & ENVIRONMENTAL CHAMBERS

find new heights.

Traditional altitude and environmental chambers have limited effectiveness, create vastly different and unwanted local environments, and have unreliable measurement data.

Woodway chambers remove all the shortcomings of traditional altitude training. Our products help you find new heights by creating:

- Uniform conditions throughout the chamber via "Laminar Flow" technology.

- Maximum usable floor space allowing maximum user occupancy.

- Exceptional control of simulated altitude, temperature, or humidity, in any combination.

- Integrated control/display system for unrivaled reliability and safety.

- Uncluttered aesthetics that conform to your environment with new build outs or adding to existing infrastructure.
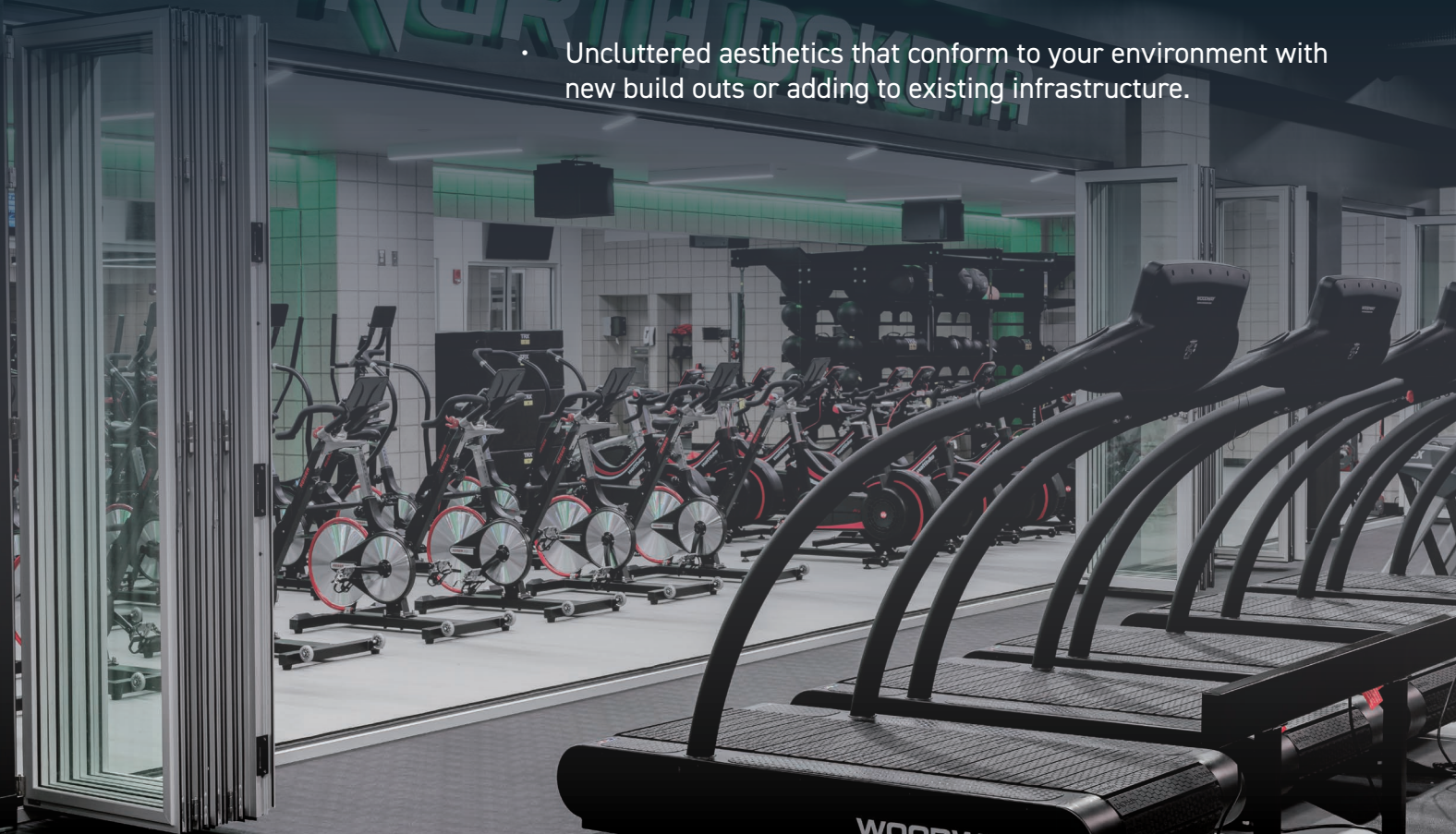
laminar flow technology

Our precisely controlled chambers ensure a homogeneous environment by equalizing the air to the same oxygen percentage, relative humidity, and temperature.

The air is then gently moved across the chamber in a uniform manner to ensure the entire volume of the chamber remains consistent.

Our technology removes all climate equipment from the chamber, creating maximum usable space. With the exception of the air's entry point into the room, the entire floor area has the same climatic conditions to ensure accurate research and precise training outcomes.

exceptional control

- Altitude oxygenation +/- 0.1%

- +/- 1% altitude control with additional factors of temperature and humidity

- Sustained control from -13° to 122° F

- Excellent condensation control across variable temperature

reliability & safety

- Components rated for 10+ years

- Integrated design eliminates multi-component failure due to single-point issues

- Auto shut-down safety features for potential low-oxygen errors

- Remote diagnostics can be monitored by our engineering staff

user features

- 12" touch screen control

- Multi-tier user structure for varying environment and admin settings

- Multi-event timer allows preset conditions at multiple times

- Data log and graphic display of all measured parameters

- Data export to USB in Excel format for off-line analysis

Scan for more images of our chamber at the Ralph Engelstad Arena, University of North Dakota

Scan for your representative's info - or reach us at 800-WOODWAY or info.woodway.com