

How We Compare:

Small-Duct High-Velocity Vs. Mini-Split Systems

Three Ways to Heat and Cool a Home Without Traditional Ductwork. Only One Disappears Into the Room.

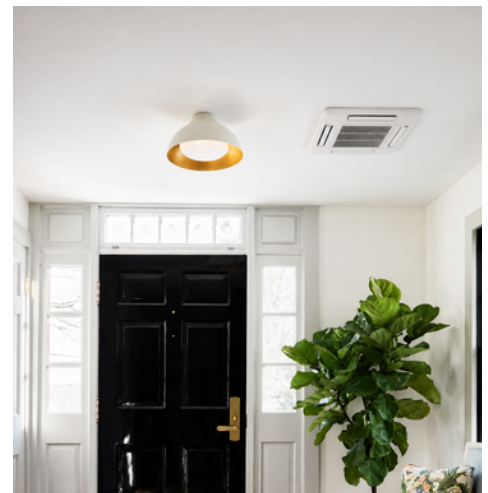


Outlets are available in a multitude of colors and materials to blend into any decor.

The Unico System



High-Wall Mini-Split



Ceiling Cassette Mini-Split

A Better Approach to Whole-Home Comfort

Homeowners looking for heating and cooling in homes without traditional ductwork often compare ductless mini-splits with small-duct high-velocity (SDHV) systems like The Unico System.

While both technologies can effectively heat and cool a home, they deliver comfort very differently. Mini-splits rely on visible indoor units that condition individual spaces, while The Unico System uses small, flexible ducts and discreet outlets to create draft-free, whole-room comfort with minimal visual impact.



Why Homeowners Choose The Unico System

True Whole-Room Comfort

The Unico System delivers true high-volume airflow that mixes air throughout the space for even temperatures and reduced hot or cold spots.

Nearly Invisible Installation

Small, discreet outlets blend into ceilings, walls, or floors without disrupting interior design aesthetics.

Superior Dehumidification

The system is engineered to remove humidity efficiently, helping create comfortable, healthy interiors.

Whisper-Quiet Operation

With the main blower located remotely, in-room operation remains exceptionally quiet.

Improved Indoor Air Quality

Centralized filtration and simple ERV/HRV integration support healthier indoor environments.

Flexible Zoning & Smart Controls

Room-by-room comfort control helps improve comfort and energy efficiency.



Product Highlights

- 2" flexible supply tubing for tight cavities and joist bays
- Low-profile outlet options including round and linear slot styles
- Multiple wood species, colors, and finish outlet options available
- Compatible with inverter heat pump condensers and smart thermostats
- Centralized filters designed for simple maintenance access
- SMART control board for efficient air handler operation

Side-by-Side Comparison

At a Glance Comparison	The Unico System	High-Wall Mini-Split	Ceiling Cassette
Draft-free comfort	✓	✗	✗
Preserves interior aesthetics	✓	✗	✗
Small, Discreet Outlets	✓	✗	✗
Superior dehumidification	✓	✗	✗
Whole-home indoor air quality solution	✓	✗	✗
Whisper Quiet Operation	✓	✗	✗
Easy ERV/HRV integration	✓	✗	✗
Centralized maintenance point	✓	✗	✗

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	The Unico System	High-Wall Mini-Split	Ceiling Cassette Mini-Split
Airflow & Comfort	Whole-room air mixing for even temperatures and reduced drafts	Directional airflow may create cold spots and drafts	Wider airflow spread but possible jet effects near grille
Visibility & Aesthetics	Nearly invisible outlets preserve interior design	Visible wall-mounted units impact aesthetics and wall space	Large visible ceiling grille or cassette
Noise	Very quiet in occupied spaces with remote blower placement	Noise generated at indoor head	Moderate blower noise may be noticeable
Retrofit Installation	Small ducts fit through ceilings, walls, and floors with minimal disruption	Requires visible wall penetration and refrigerant routing	Requires ceiling access and structural accommodations
Humidity Control	Stable dehumidification with enhanced perceived comfort	Moderate humidity removal with stronger airflow sensation	Varies by model and installation
Indoor Air Quality	Centralized filtration and easy ERV/HRV integration	Limited filtration at each indoor head	Better than wall units but still decentralized
Maintenance	Centralized filters and service access	Multiple indoor units require maintenance	Ceiling access may complicate servicing
Whole-Home Applications	Excellent for multi-room and whole-home comfort	Multiple heads required for larger homes	Often used selectively by room
Cost Considerations	Competitive for full-home retrofits with lower finish repair impact	Lower initial cost for single spaces but costs rise with multiple heads	Higher installation complexity and ceiling repair costs

Ideal Applications for The Unico System

Historic & Older Homes

Preserves original architectural details without the need for large ductwork, extensive remodeling, or visible wall-mounted equipment.

Luxury & Custom Homes

Maintains clean sightlines and high-end interior aesthetics while delivering exceptional comfort throughout the home.

Finished Homes & Renovations

Small, flexible tubing can be routed through existing walls, ceilings, and floors, minimizing disruption during installation.

Light Commercial Projects

Perfect for light commercial applications where comfort, aesthetics, and minimal installation impact are priorities.

Humid Climates

Enhanced humidity removal helps create a more comfortable indoor environment while supporting healthier indoor air quality.

Modular Homes

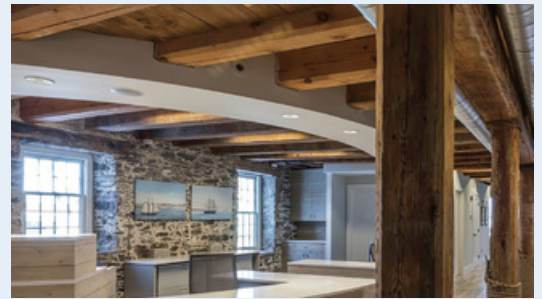
Integrates seamlessly into modular home designs, providing efficient comfort without compromising factory-built construction methods or architectural flexibility.



Older Home



Custom Home



Commercial Application

Unico Design Service

Let Us Do the Hard Work for You

Unico Design Services allows you to work with our design team to create a fully customized HVAC plan that can fit into any home for **free**.

If you have a project that needs design assistance, we offer a system design and an estimated materials list—**for free**. All you need to do is submit your plans and load calculation form.



Scan the QR code to learn more about Design Services