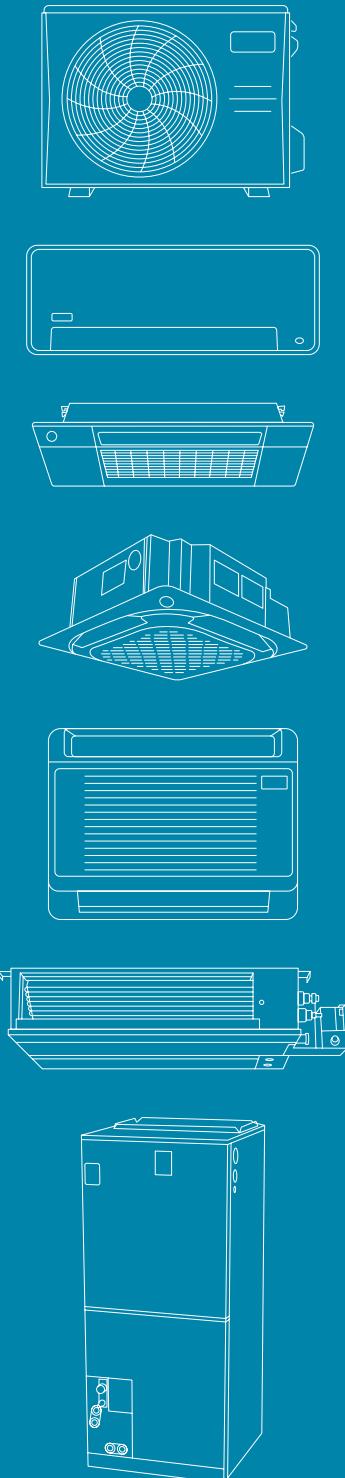




DUCTLESS
PRODUCT FAMILY
BROCHURE

SUSTAINABLE HVAC SOLUTIONS THAT MAKE A POSITIVE IMPACT



R454B

Keeping with its long history of leading environmental responsibility, Comfortmaker® has once again taken a leadership role in offering the refrigerant of the future.

How? With highly efficient systems and R-454B—a refrigerant that decreases global warming potential (GWP) by 75% while maintaining R-410A's non-ozone depleting properties.

All to make it easier for you to offer sustainable HVAC solutions and low-GWP refrigerants that help improve decarbonization efforts.

HOW DUCTLESS PRODUCTS BENEFIT DEALERS & HOMEOWNERS ALIKE

In order to meet the Environmental Protection Agency requirement for lower-GWP refrigerants, Comfortmaker is switching to R-454B for all ducted and ductless residential and light commercial products. With this change, we have made a series of modifications and enhancements.

Design Changes to Ductless Outdoor Units

COMPRESSOR UPGRADES

The new compressors have been optimized for R-454B refrigerant to match R-410A performance



NEW SUPER CAPACITOR

Allows the emergency shut-off valve to function during power failure.



R-454B SERVICE PORTS

Service ports will be covered with a red cap to denote the use of R-454B refrigerant.

EMERGENCY SHUT-OFF VALVE

Multi-zone heat pumps are now equipped with emergency shut-off valves. If the indoor unit detects a leak, the shut-off valve will close.

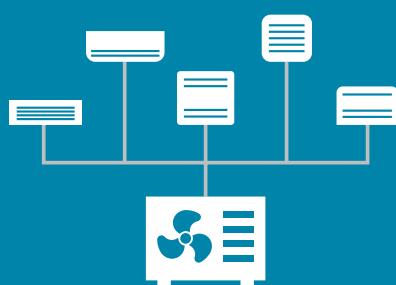
ELECTRONIC EXPANSION VALVES

The new expansion valves have been optimized for R-454B refrigerant to match R-410A performance.



LEVERAGING COMFORTMAKER RESOURCES FOR SUCCESSFUL DUCTLESS HVAC INSTALLATION

Contractors choose Comfortmaker ductless products because of our comprehensive support ecosystem. Available resources include installation guides, troubleshooting codes and videos, system documentation and FAQs. Plus, a system builder tool designed to help you configure the ideal mini-split system for your clients' needs.



Design Changes to Ductless Indoor Units

AUDIBLE ALARM

A built-in notification sounds when the dissipation system is active, so the homeowner will know to call for service.



LEAK SENSOR

- A factory-installed, multi-use leak sensor in the coil ensures accurate leak detection.
- It continues to work after leak detection and is designed to mirror the lifespan of the coil.
- It trips the dissipation system to clear the vapor leak and return the system to normal operation with minimal downtime.



R-454B HANG TAGS

All Comfortmaker products with R-454B will be shipped with a yellow hang tag specifying that it is to be used with the new refrigerant only.



DISSIPATION BOARD

- Boards that are already present in equipment have been upgraded with new active dissipation logic, as well as connections for the leak sensor.
- New fault codes have been installed to identify active dissipation or a fault sensor.



Long-Term Savings

Ductless systems are certainly an investment, but there are many ways to reduce costs—both up-front and over their lifespan.



TAX CREDITS AND REBATES

All Comfortmaker ductless heat pumps qualify for up to \$2,000 in federal tax credits, plus any local utility rebates provided.¹



SIMPLIFIED INSTALLATION

Ductless indoor units can be installed on walls or ceilings, simplifying setup. Additionally, the outdoor unit powers them directly, eliminating the need for extra wiring.



"NO HASSLE" WARRANTY

To the original owner, the Comfortmaker Deluxe Series ductless equipment qualifies for a 10-year No Hassle Replacement^{TM,2}. This provides extra coverage in addition to a 10-year parts limited warranty.³

COMFORTMAKER TECHNICAL TRAINING CENTER

We're excited to offer technical training at our Technical Training Center in Indianapolis, IN. All courses are a combination of classroom instruction and hands-on activities in our labs. R-454B content is being seamlessly integrated into our curriculum. Use the QR codes to view the current schedule and check back often, as we regularly add new dates and course offerings!

DEALER SCHEDULE



DISTRIBUTOR SCHEDULE



¹Local utility rebates differ based on locality. See full details: <https://www.comfortmaker.com/en/us/buying-guide/rebates-center/>

²QuietComfort Series indoor units qualify for a 5-year No Hassle Warranty. See warranty certificate for complete details and exclusions.

³Timely registration required for 10-year parts limited warranty. Limited warranty period is five years for parts if not registered within 90 days of installation except in jurisdictions where warranty benefits cannot be conditioned upon registration.

SINGLE ZONE RESIDENTIAL

DELUXE SERIES

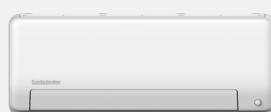
6-33k Btu/h

Up to **33.1 SEER2**

Up to **29.0 HSPF2**



D5CPRAH Outdoor Unit
SIZES: 06/09/12/18



D5FPHAH High Wall
SIZES: 06/09/12/18

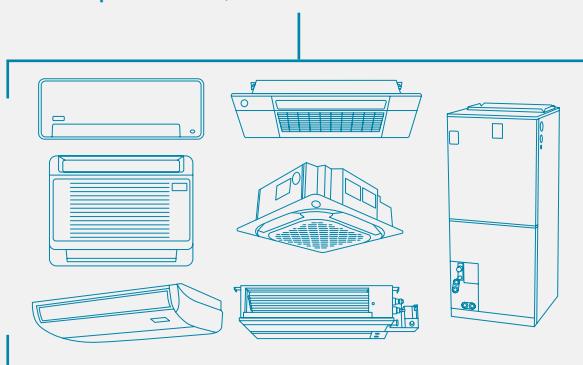
Up to **27.5 SEER2**

Up to **14.8 HSPF2**



D5CSAH Outdoor Unit
SIZES: 06/09/12/18/24/33

The Deluxe Series D5CSAH outdoor unit is compatible with QuietComfort® Series indoor units



KEY FEATURES

- + All systems come with ENERGY STAR® certification
- + Built-in occupancy sensor
- + Built-in Wi-Fi® for smart phone control
- + Humidity control
- + High-heating capability
- + Built-in basepan heater
- + 24V interface kit compatibility

PERFORMANCE SERIES

9-36k Btu/h

Up to **22.4 SEER2**

Up to **9.4 HSPF2**



D5CERAH Outdoor Unit
Heat Pump
SIZES: 09/12/18/24



D5CERAH Outdoor Unit
Heat Pump
SIZES: 30/36



D5FEHAH High Wall
Heat Pump
SIZES: 09*12*18/24/30/36



D5CERAA Outdoor Unit
Cooling Only
SIZES: 09/12/18/24



D5FEHA High Wall
Cooling Only
SIZES: 09/12*18/24



KEY FEATURES

- + Cooling only and heat pump
- + Simplified maintenance
- + Optional Wi-Fi® for smart phone control
- + Advanced service features
- + Built-in basepan heater
- + 24V interface kit compatibility

*Sizes that are also available in 115V

SINGLE ZONE RESIDENTIAL

QUIETCOMFORT® SERIES

6-36k Btu/h

Up to **26.0 SEER2**

Up to **13.9 HSPF2**



D5CSRAH Outdoor Unit
SIZES: 06/09/12/18



D5CSRAH Outdoor Unit
SIZES: 24/30/36

QuietComfort Series D5CSRAH and Deluxe Series D5CSAH heat pumps are compatible with QuietComfort Series indoor units



D5FSHAH High Wall
SIZES: 06/09/12/18/24/30/33/36



D5FSOAH 1-Way Cassette
SIZES: 06/09-OR-12/18



D5FSCAH 4-Way Cassette
SIZES: 09/12/18/24



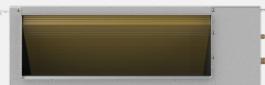
D5FSFAH Floor Console
SIZES: 09/12/16



D5FCFAH Floor & Ceiling Console
SIZES: 18/24



D5FSDAH Low Static Slim Ducted
SIZES: 06/09/12/18



D5FSDAH High Static Slim Ducted
SIZES: 09/12/18/24



KEY FEATURES

 Select systems with ENERGY STAR® certification	 Single and multi-zone outdoor unit compatibility
 Select systems with built-in occupancy sensor	 Built-in basepan heater
 Select systems with humidity control	 24V interface kit compatibility*
 Low ambient cooling	 Refrigerant detection sensor
 Optional Wi-Fi® for smart phone control	



D5FSAAH Air Handler
SIZES: 18/24/30/36

*Air Handler has built-in 24V interface kit for third-party thermostat compatibility

MULTI-ZONE RESIDENTIAL

DELUXE SERIES

18-55k Btu/h

Up to **25.0 SEER2**

Up to **11.3 HSPF2**



D5CMHAAH Outdoor Unit
SIZES: 18/24/27/30/36



D5CMHAAH Outdoor Unit
SIZES: 48/55

QUIETCOMFORT® SERIES

18-55k Btu/h

Up to **25.2 SEER2**

Up to **10.6 HSPF2**

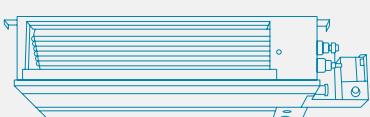
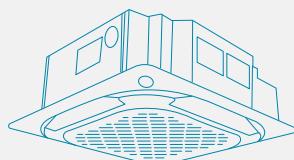
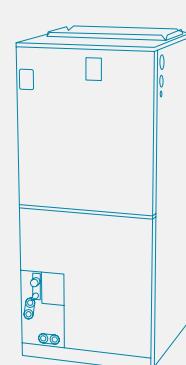
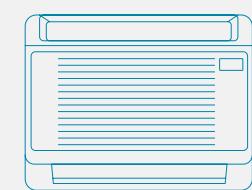
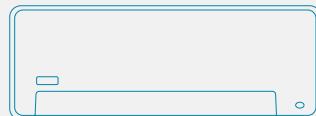


D5CMRAAH Outdoor Unit
SIZES: 18/24/27/30/36



D5CMRAAH Outdoor Unit
SIZES: 48/55

Multi-zone residential outdoor units
can pair with up to six indoor units



Note:

Only sizes 18-36 are
multi-zone compatible

SINGLE ZONE LIGHT COMMERCIAL

DELUXE SERIES

36-58k Btu/h

Up to **21.3 SEER2**

Up to **11.1 HSPF2**



D5CLHAAH Outdoor Unit
SIZE: 36



D5CLHAAH Outdoor Unit
SIZES: 48/58

Deluxe Series outdoor units are compatible
with QuietComfort Series indoor units



KEY FEATURES

- ⊕ Broad product lineup that includes bigger and stronger commercial products
- ⊕ Low ambient cooling
- ⊕ Optional Wi-Fi® for smart phone control
- ⊕ Longer piping length
- ⊕ Multiple unit options for a wide range of applications
- ⊕ Flexible installation
- ⊕ Competitive pricing
- ⊕ 24V interface kit compatibility*

QUIETCOMFORT® SERIES

36-58k Btu/h

Up to **20.0 SEER2**

Up to **10.4 HSPF2**



D5CLRAAH Outdoor Unit
SIZE: 36



D5CLRAAH Outdoor Unit
SIZES: 48/58



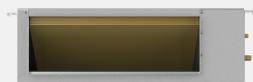
D5FLCAAH 4-Way Cassette
SIZES: 36/48



D5FCFAAH Console
SIZES: 36/48/58



D5FLAAAH Air Handler
SIZES: 36/48/60



D5FLDAAH High Static Slim Ducted
SIZES: 36/48/58

*Air Handler has built-in 24V interface kit for third-party thermostat compatibility

Refer to full line catalog, online spec sheets or your Comfortmaker representative for specific details.



Looking for a Different Residential Option?

Combine ductless technology with existing ductwork, fan coils, furnaces and connections. Comfortmaker Crossover Solutions offer a direct replacement for older HVAC systems with the efficiency and high performance driven by an inverter compressor.

comfortmaker.com

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Comfortmaker®
Air Conditioning & Heating