



Trane[®] R-, C- and MZ-Series Ductless
High-efficiency ductless solutions for single- and multi-zone systems







Limitless advantages for ductless systems

Ductless temperature control solutions are gaining in popularity and serving more applications than ever before. Versatile and energy efficient, they can be used to deliver individualized comfort control for single spaces. Whether your temperature control needs require a multi-zone solution or single-zone, there's a Trane® ductless solution for you.

Our portfolio of ductless systems offer high-efficiency, room-specific temperature control for spaces ranging from a single room to multiple spaces within a building. Multiple system designs make this kind of individualized comfort, installation versatility and operating cost savings possible.

The Trane R-Series offers efficient heat pump technology that is ideal for smaller spaces such as media rooms or computer server rooms. Trane C-Series systems are an excellent choice for hard-to-get-to spaces with pipe lengths of up to 245 feet and several indoor units to choose from to meet your needs. If you need multi-zone heating and cooling for a smaller building, the new MZ-Series may be perfect for your needs.



A single-zone ductless system

Single-zone systems offer the flexibility to supplement large systems or perform as standalone temperature-controlled applications that require cooling only for heat-generating equipment in confined areas like computer server rooms.

Trane® single-zone ductless solutions bring legendary reliability and exceptional ductless efficiency to smaller single-zone systems, and can deliver heating and cooling capacities from $\frac{3}{4}$ to 4 tons. With efficiency ratings of up to 27 SEER, a single-zone solution is a smart alternative for building owners.

Trane R-Series ductless

Our smallest single-zone ductless solutions, Trane R-Series systems incorporate heat pump technology in a split system consisting of one outdoor condensing unit and one indoor, high-wall fan-coil unit. An array of system capacities provide specific energy-efficient solutions to align perfectly with your particular space requirements. R-Series ductless systems support pipe runs of up to 65 vertical feet, and up to 130 total feet.

R-Series ductless systems utilize the latest inverter and control technology to ensure long life with minimal energy usage. When you spec an R-Series ductless solution, you're providing a system that will deliver outstanding temperature control for many years to come.

R-SERIES OUTDOOR UNIT



4TYK6, 4TXK5, 4TXK8

OPTIONAL CONTROLS FEATURES



TREMOTE2AHANDA



TREWIRE1AHANDA

Model Number	Control Type	Temp ↑↓	Mode	Swing	Sleep	Fan Speed	Temperature Sensing at Control	Timer	BACnet / BMS
TREMOTE2AHANDA	Wireless Remote	Y	Cooling/Heating/ Fan/Dry/Auto	Y	Y	Hi/Med/Low/Auto	Y	Y	NA
TREWIRE1AHANDA	Wired Remote	Y	Cooling/Heating/ Fan/Dry/Auto	Y	Y	Hi/Med/Low/Auto	Y	Y	NA

AVAILABLE INDOOR PRODUCTS



4MXW2
Ultra-High-Efficiency High Wall Unit



4MXW8
High-Efficiency High Wall Unit



4MYW6 and 4MXW6
Medium-Efficiency High Wall Unit

Trane R-Series ductless systems are available in a range of heating and cooling capacities. These include:

Ultra-high-efficiency systems are rated at up to 27 SEER. They provide an exceptional combination of quiet comfort and the lowest possible operating costs in this series, with cooling capacities ranging from ¾ to 2 tons.

High-efficiency systems are rated at up to 22 SEER. These systems are available in a wider cooling capacity range of ¾ ton to 3 tons, so they can be ideal for temperature control in larger spaces.

Medium-efficiency systems are rated at 16 SEER. With a cooling capacity range from ¾ ton to 2 tons, they can be perfect for smaller room comfort applications. These ductless systems are also well-suited to function in cooling-only mode for control of temperatures in spaces that contain heat-generating equipment, such as computer server rooms.

Trane C-Series ductless

There's no one-size-fits-all solution for matching temperature control systems to building or space needs. In the name of efficiency, precision is required. That's why a Trane® C-Series ductless system is a great choice for heating and cooling a single space.

The ductless C-Series is one of our single-zone systems that match one outdoor condensing unit with one of the available indoor units for simpler, faster, lower-cost installations. These systems will serve capacity needs typically ranging up to 4 tons, making them ideal for media rooms, elevator rooms, auxiliary building spaces and more.



AVAILABLE OUTDOOR PRODUCTS



**C-Series
Outdoor Unit**
3-4 tons (36-48 MBh)



**C-Series
Outdoor Unit**
2-2½ tons (24-30 MBh)



**C-Series
Outdoor Unit**
1½ ton (18 MBh)

AVAILABLE INDOOR PRODUCTS



4-Way Cassette



**Concealed Ducted
(Horizontal)**

Advantages of Trane R-, C- or MZ-Series ductless systems

- Trane ductless systems offer tremendous advantages in design flexibility, precision temperature control and energy savings.
- Building owners and commercial developers now have the reliable, more flexible heating and cooling solutions they want for their building tenants.
- Mechanical contractors will benefit from systems that can be retrofitted without the need for extensive changes to existing ductwork, making these attractive solutions when adding to an existing system.
- Consulting engineers have the assurance of reliable, high-performance systems that will precisely meet their clients' heating and cooling needs on pipe runs of up to 245 total feet.

OPTIONAL CONTROL FEATURES

Model Number	TVCTRLRDH00UT	TVCTRLTWRWD01T	TVCTRLTWR0002T
Control Type	Wireless Remote	Wired Remote	Simple Wired Remote
Temp ↑↓	Y	Y	Y
Mode	Cooling/Heating/Fan/Dry/ Auto	Cooling/Heating/Fan/Dry/ Auto	Cooling/Heating/Fan/Dry/ Auto
Swing/Air Blade Adj (Cassette)	Y	Y	Y
Fan Speed	Hi/Med/Low/Auto	Hi/Med/Low/Auto	Hi/Med/Low/Auto
Temperature Sensing at Control	N	Y	Y
Temperature Limits	N	Y	N
Clock (w/ Daylight Savings)	N	Y	N
Programmable	Timer	Schedule	Timer
Child Lock	N	Y	Y
Error Display	N	Y	N
Dirty Filter Indicator	Y	Y	Y
Multiple Unit Control	Up to 4	Up to 16	Up to 16
Averaging	Y	Y	Y



TVCTRLRDH00UT



TVCTRLTWRWD01T



TVCTRLTWR0002T

C-Series ductless systems

A Trane C-Series system can be used as the sole heating and cooling source, or incorporated into a much larger existing system when trying to deliver specific temperature control to a single space. Whether you're adding an additional zone to your existing Trane system or to that of another manufacturer, the C-Series delivers high energy efficiency in a ductless system that can be perfectly tailored to the requirements of the space.

Select from available indoor fan coil unit options in both ceiling cassette and concealed designs, and get heating and cooling capacities ranging from 1½ to 4 tons and energy efficiency of up to 20 SEER. For added flexibility, C-Series ductless systems can be installed with pipe runs of up to 98 vertical feet and up to 245 total feet.

Reliable, precise temperature control can be achieved for a wide variety of building and space applications. Whether you need dependable indoor climate control for maintaining comfort or to protect heat-generating equipment like computer servers, you'll find a Trane C-Series ductless system that delivers. From small remote facilities on large campuses to data centers and machine rooms, the space applications that will benefit from this highly flexible and efficient system are endless. You can even utilize a Trane C-Series system in concert with a larger Trane VRF system — and use the same controls for both systems.

Trane MZ-Series ductless

Now even smaller building spaces can have the multi-zone temperature control, energy efficiency and cost savings of larger, more expensive systems. Up to five indoor fan-coil units can be connected to a single condensing unit for excellent temperature control versatility. With efficiency ratings of 16 SEER and the capacity to support pipe runs of up to 230 total feet, MZ-Series systems deliver precise temperature control right where you want it.

Not all spaces are created equal, and with the MZ-Series, you can pick the indoor fan-coil units that best fit the needs of your space. A variety of styles and output capacities are available to suit most application requirements. With multiple fan speeds and available wired and wireless control options, room occupants will feel both comfortable and in control of their heating and cooling needs.

MZ-SERIES OUTDOOR UNIT



AVAILABLE INDOOR PRODUCTS



Concealed Ducted
(Horizontal)



Cassette



High Wall Mounted



Console Ducted



Floor/Ceiling



OPTIONAL CONTROLS FEATURES

TREMOTE2AHANDA

TREWIRE1AHANDA

Model Number	Control Type	Temp ↑↓	Mode	Swing	Sleep	Fan Speed	Temperature Sensing at Control	Timer	BACnet / BMS
TREMOTE2AHANDA	Wireless Remote	Y	Cooling/Heating/ Fan/Dry/Auto	Y	Y	Hi/Med/Low/Auto	Y	Y	NA
TREWIRE1AHANDA	Wired Remote	Y	Cooling/Heating/ Fan/Dry/Auto	Y	Y	Hi/Med/Low/Auto	Y	Y	NA

Can stand alone or supplement an existing system

A Trane® ductless system can be used as the sole heating and cooling source for your building or added to an existing Trane system (or that of another manufacturer).

To learn more about Trane R-Series, C-Series or MZ-Series ductless systems, contact your Trane representative or visit Trane.com/ductless.

Trane[®] ductless portfolio

Single-zone

Multi-zone

R-SERIES

C-SERIES

MZ-SERIES



R-Series
Outdoor Unit
¼–3 tons



C-Series
Outdoor Unit
1½ ton



MZ Series
Outdoor Unit
1½–3½ tons

Available Indoor Products:



4MXW2
Ultra-Efficiency High Wall Unit



C-Series
Outdoor Unit
2–2½ tons

Available Indoor Products:



High Wall Mounted



4MXW8
High-Efficiency High Wall Unit



C-Series
Outdoor Unit
3–4 tons



Concealed Ducted
(Horizontal)



4MYW6 and 4MXW6
Medium-Efficiency High Wall Unit



Cassette

Available Indoor Products:



4-Way Cassette



Console



Mid-Static Pressure Duct



Floor/Ceiling

VRF

MINI



Mini Outdoor VRF
3, 4 and 5 tons

AIR



Air-Source VRF
6 tons



Air-Source VRF
8, 10, 12, 14 and 16 tons



Air-Source VRF
18-44 tons

WATER



Water-Source VRF
6, 8 and 10 tons



Water-Source VRF
16 tons



Water-Source VRF
12-48 tons

INDOOR



Slim One-Way



Mini Four-Way



Four-Way



Slim Duct



Mid-Static Pressure Duct



High-Static Pressure Duct



High Wall



Floor/Ceiling



Convertible Air Handler

Scan the code or visit
Trane.com/Ductless
to learn more.



Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results.



ingersollrand.com