



Trane Foundation[®] Rooftop Units

3-25 Tons



Get your rooftop replacement off on the right foot with Trane® Foundation®

When the HVAC system is beyond repair, turn to Trane for dependable performance, updated standards, good value and HVAC that's back up and running fast. That's what Trane's Foundation® line of rooftop units deliver — by the ton.

With the broadest range of light-commercial rooftop units in the industry — including 3-5-ton units, midsize tonnages from 7.5-12.5 tons and larger 15-25-ton models — Trane's Foundation® series has just the right mix of affordable, comfort-producing capacity to meet the needs of nearly any small- to medium-size building.

Perfect fit for 'I need it now'

The entire Trane Foundation® line is designed for quick and efficient replacement of most competitor models. Foundation® units feature unique footprint designs that make them compatible with multiple roof curbs without the need for adaptors or other modifications in most cases. That alone can add up to \$1,500 in cost savings and value. Trane's medium-range models are true drop-in replacements for other brands. So, contractors can get off the roof faster.

Always up to date

Every new Foundation® unit is better than the unit it replaces. New models upgrade performance to meet DOE efficiency standards and EPA requirements for low global warming potential (GWP) refrigerants.

Available when you need it

And speaking of fast, Trane delivers Foundation® replacement equipment when it's needed. All small, medium and large Foundation® models are stocked locally. Trane Light Commercial Replacement Solutions teams are located throughout the U.S. and Canada and have access to local inventory. Your Trane Account Manager can provide a quick quote and arrange for shipment and delivery.

Set up for speed

- Special teams and processes for replacement orders only
- 300+ warehouses and parts location
- 30 Express warehouses dedicated to light commercial replacements
- Complete, accurate price quotes typically within 60 minutes

Trane Foundation® Rooftop Units



- Plug and play footprint—ideal for like-for-like replacement
- Comprehensive product line—broad offering in smaller capacities/tonnages
- Meets latest requirements for energy efficiency
- Low-GWP R-454B refrigerant
- Easy, hassle-free installation
- Locally available stock—quick delivery
- Competitively priced
- Commercial financing available



Performance, choice and value in models from 3-25 tons

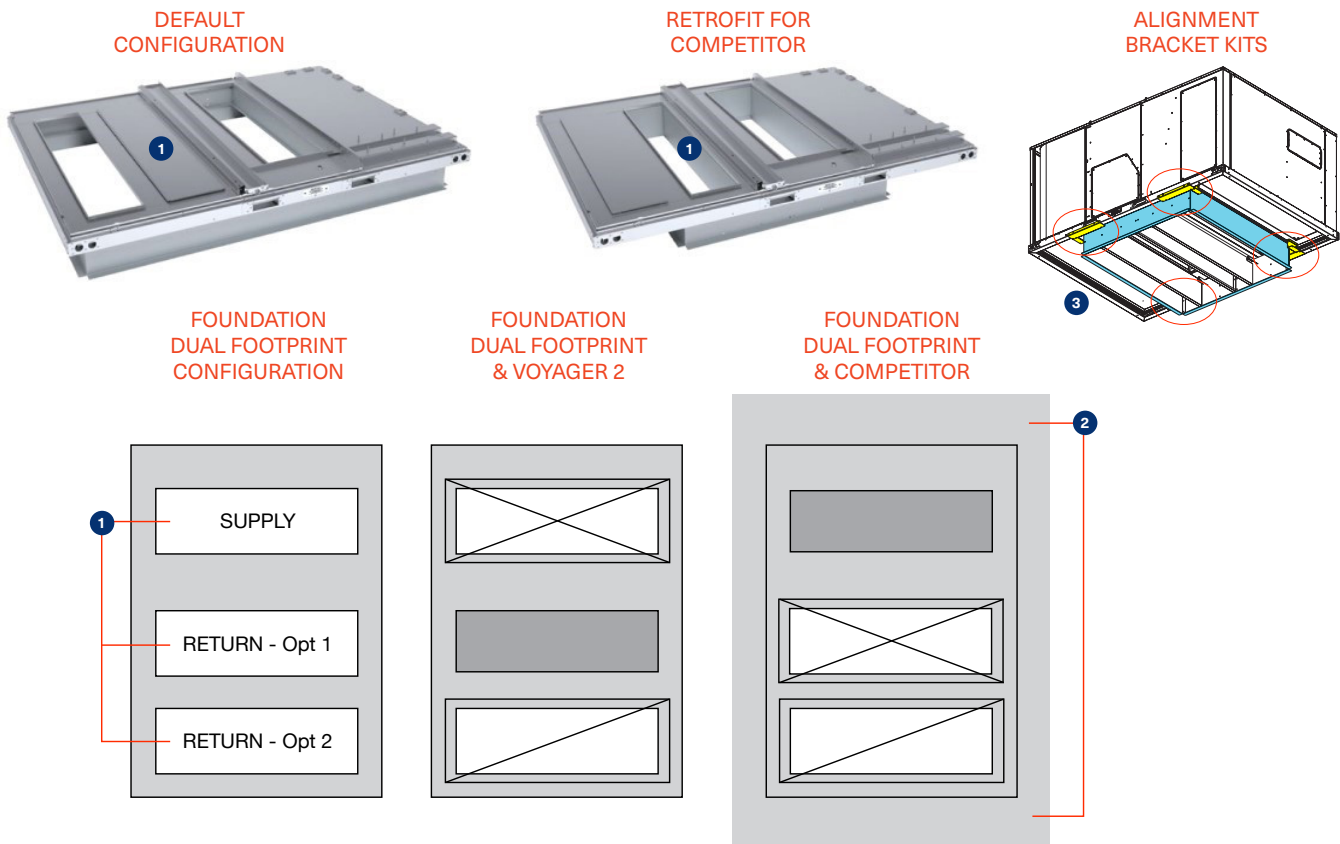
	Small 3-5 Tons	Medium 7.5-12.5 Tons	Large 15-25 Tons
Competitive Footprint	Single Footprint	Single Footprint	Single Footprint
Energy Efficiency	Up to 14 SEER/13.4 SEER2	Up to 14.8 IEER	Up to 14.2 IEER
Voltage	208-230 VAC, 460 VAC, 575 VAC	208-230 VAC, 460 VAC, 575 VAC	208-230 VAC, 460 VAC, 575 VAC
Accessories	Factory and Field Installed	All Field Installed	Factory and Field Installed
Airflow Configuration	Convertible	Convertible	Convertible and Horizontal Kit
Warranty	1 year parts 5 year limited compressor 10 year stainless steel heat exchanger Extended Warranty Available	1 year parts 5 year limited compressor Extended Warranty Available	1 year parts 5 year limited compressor 10 year stainless steel heat exchanger Extended Warranty Available
CA Title 24	Low Leak Economizer Option	Low Leak Economizer Option	Low Leak Economizer Option
Microchannel Coils	Cond. & Evap. Coils	Cond. & Evap. Coils	Cond. & Evap. Coils
Heat Options	Low & Med Cap.	High Cap.	Low, Med, & High Cap.
Heating Stages	Multi-Stage for med. heat option	Multi-Stage for med. heat option	Multi-Stage (all sizes/capacities)
Competitor Replacement	No curb adapter required	No curb adapter required	No curb adapter required
Unit Controller	Electromechanical	Electromechanical	Symbio® 700 Digital Controller

		Heating Input btu/hr.		
		Small 3-5 Tons	Medium 7.5-12.5 Tons	Large 15-25 Tons
FEATURES	Low	3-5 Tons: 72,000	7.5-8.5 Tons: 125,000 10-12.5 Tons: 180,000	15 Tons: 240,000 17.5-25 Tons: 320,000
	Medium	3 Tons: 100,000 5 Tons: 115,000	7.5-8.5 Tons: 180,000 10-12.5 Tons: 225,000	15 Tons: 320,000 17.5-25 Tons: 320,000
	High	N/A	7.5-8.5 Tons: 225,000 10-12.5 Tons: 250,000	15 Tons: 350,000 17.5 Tons: 380,000 (DF) 17.5 Tons: 350,000 20-25 Tons: 380,000

Dual Footprint makes competitor replacement a breeze

Large Foundation units' flexible, dual footprint configuration will match most existing 15-25 Ton Trane roof curbs and almost all competitors', helping make installation easy. If the old rooftop unit is not a Trane, it's quick and simple to modify the footprint configuration to match certain other roof curb designs, saving the expense of installing an adaptor curb.

Each unit ships to fit existing Trane footprints for current 15-25 ton Voyager® 2/Precedent® units. This footprint is also backwards compatible with many older Voyager 2 units and provides more opportunity for replacement sales.



- 1 There are three openings in the base of the Large Foundation unit—one supply opening and two return openings. This supply and return opening configuration will align with supply and return openings of certain current and older Voyager units. With two return openings designed into the base of the unit, we can now swap the return opening. Now the unit's supply and return duct opening will align to fit onto a curb that supports many older competitor units.
- 2 On the competitor curb, there is an overhang on both the condenser end as well as the evaporator/economizer end. The center of gravity of the unit is inside the profile of the competitor curb—addressing the risk of tipping.
- 3 No special kits are required to fit the Large Foundation unit to the old competitor curb—but to aid in an easy install, alignment bracket kits are needed. They have been designed to help easily locate the new unit on the old curb.

Designed-in reliability for efficiency you can count on

With field-tested components, straightforward design and engineered excellence, Foundation® rooftop units are designed for affordability without sacrificing long-life and dependable performance. Key components and features:

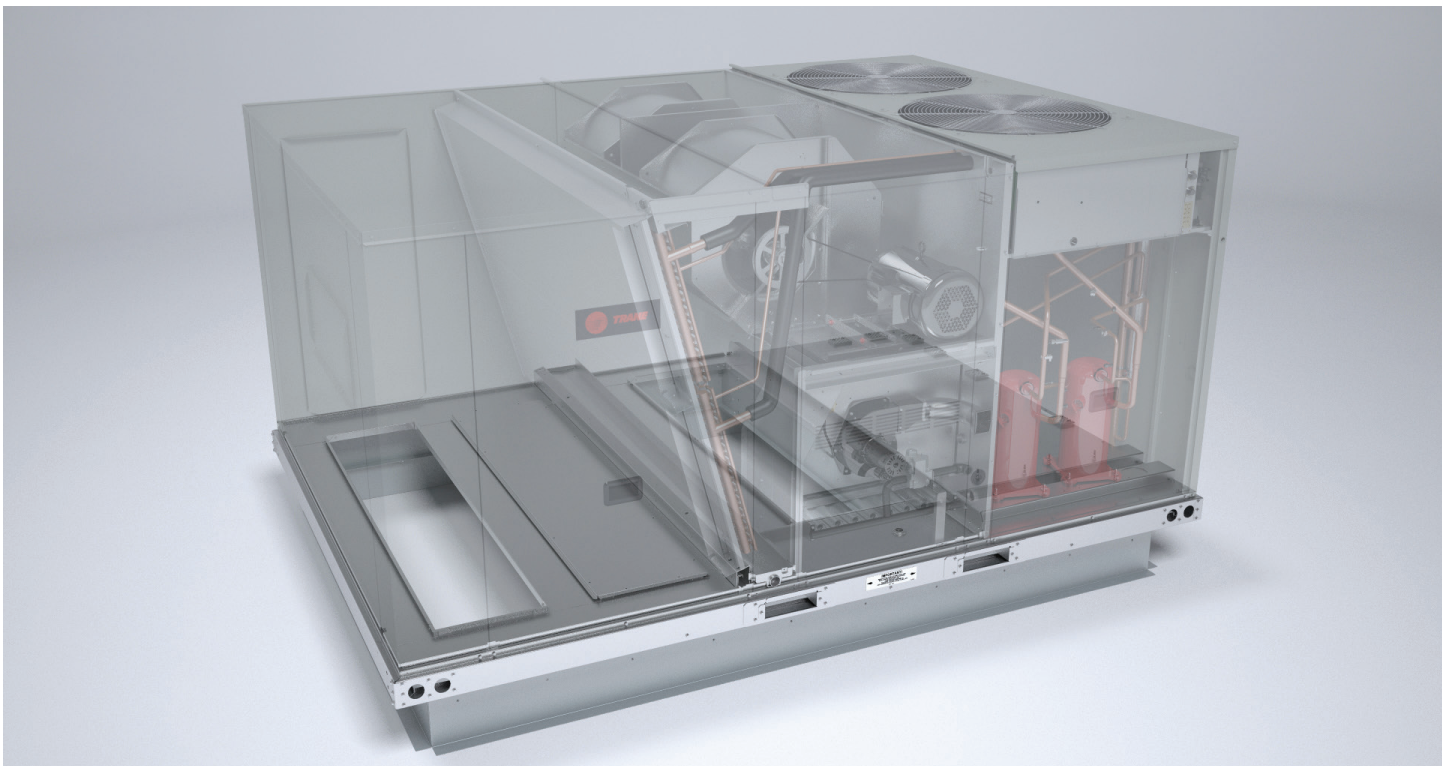
- **Phase monitor**, for enhanced motor and compressor protection
- **Available stainless steel heat exchanger**, with corrosion protection backed by Trane's 10-year warranty
- **Micro-channel condenser coil**, to reduce coolant leaks, use less refrigerant, and to improve reliability
- **Proven compressor technology**, for rugged, reliable performance and years of dependable cooling
- **Discharge line thermostat**, for extra compressor protection against high-discharge temperatures
- **Tubular heat exchanger**, using a proven design to maximize heat transfer and thick-gauge construction for longer service life
- **Foil-faced fiber glass insulation**, to keep the airstream clear and reduce maintenance costs
- **Single-zone VAV option**, offers full supply fan modulation across the available airflow range
- **Symbio® 700 controls** (large units only), with a backlit LCD onboard interface that clearly displays system alarms, diagnostics and resolutions; upgradeable software enhances building optimization and cybersecurity

Easy to retrofit, plenty of options

All models feature easily convertible airflow from horizontal to vertical and incorporate reliable, 24-volt electromechanical controls on small and medium models; Symbio® 700 digital controls on large models. Fast and easy installation doesn't mean one size fits all. Choose from an extensive menu of field- and factory-installed options to customize your Foundation® to suit your building's needs. (See back page for details by model range.)

Trane quality and durability inside and out

It sits on the roof so it needs to last. Foundation® models incorporate thicker gauge panel metal, with either a one-piece top or a tight-top overlap design to eliminate leaking. All of Foundation's designs were vigorously rain-tested to ensure water integrity. Under the hood, you can count on Trane's thoughtful design for easy access to quality components and features like molded handles on service doors and water-tight, through-the-base utility access.





On the outside:



Key Components

- Thicker Panel Gauge
- Manual Outside Air Damper
- Few Screw Quick Access Panels
- Raised-Lipped Cabinet
- Single Side Service
- Convertible Unit
- Easy Access Low Voltage Terminal Board

On the inside:



Key Components

- Convertible Design - HZ Kit
- Single Side Service Access
- Non-Corrosive, Removable Drain Pan
- 3-Sided Fork Access
- Through-the-Base Utility Provision (Factory & Field)
- External Disconnect Mounting Area
- Hemmed Top Cover
- Molded Handles on Frequently Accessed Doors (Not Shown)

Easy to service and maintain

Trane Foundation® rooftop units make service simpler. Colored and numbered wiring means faster, more efficient problem diagnosis. Single-side service access doors on all Foundation® units provide quick access to key unit components. Cabinetry and component layout are designed to enhance serviceability of key systems, such as gas-heat tubes, manifold piping and refrigerant tubing.

Ideal replacement choice for:

- K-12 schools
- Retail
- Offices
- Restaurants

		Small 3-5 Tons		Medium 7.5-12.5 Tons		Large 15-25 Tons	
		Factory Installed	Field Installed	Factory Installed	Field Installed	Factory Installed	Field Installed
FEATURES	Barometric Relief Damper		○		○	○	○
	Competitor Replacement Conversion Kit						○
	Compressor Short Cycle Timer	✓		✓		✓	
	Condensate Overflow Switch	○	○		○	○	○
	Condensor Hail Guard		○		○		○
	Crankcase Heaters		○		○	✓	
	Demand Control Ventilation		○		○		○
	Downflow Economizer	○	○		○	○	○
	Reference Enthalpy Economizer	○	○		○	○	○
	Comparitive Enthalpy Economize	○	○		○	○	○
	Horizontal Economizer		○		○		○
	Horizontal Economizer Conversion Kit						○
	Electric Heat	○	○		○	○	○
	Electro-Mechanical Controls	✓		✓			
	Evaporate Defrost Control		○			✓	
	High Altitude Conversion Kit		○				○
	High Static Drive Kit	○	○				○
	Leak Detection			✓		✓	
	Low Static Drive Kit						○
	Low Ambient - 0F°		○	✓			○
	Low Leak Economizer Downflow	○	○		○	○	○
	Low Leak Economizer Horizontal		○		○		○
	LP Conversion Kit		○		○		○
	Manual Outside Air Damper	○	○		○	○	○
	Motorized Outside Air Damper	○	○		○	○	○
	Non-Fused Disconnect	○	○			○	○
	Oversized Motor	○	○			○	
	Power Exhaust		○		○		○
	Roof Curb		○		○		○
	Shaft Grounding Ring				○		
Symbio 700® Controls					✓		
Through-the-Base Electrical Connection	○	○			○	○	
Through-the-Base Gas Connection	○	○			○	○	

Contact your local Trane office or visit [Trane.com/Foundation](https://www.trane.com/Foundation) for more information.



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://www.trane.com) or [tranetechnologies.com](https://www.tranetechnologies.com).

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