



Trane[®] Expanse[™] Gas Fired Duct Furnaces

Commercial Space Heating Solutions



Gas Fired Duct Furnaces

Trane® Expanse™ Duct Furnaces are gas fired, power vented unit heaters designed for blow-through applications. Intended for use in commercial facilities with ducted systems, they are ideally suited for incremental additions to heating capacity and for creating zone heating configurations. Proactively upgraded to satisfy new efficiency requirements, this is currently the only line of duct furnaces in the industry offering a model that features tubular heat exchanger technology as standard, with industry-leading ETL/ETLc certified efficiencies up to 82%.

Duct Furnace Highlights

Expanse gas fired tubular duct furnaces offer a wide range of features and sizes that allow you to configure device specifications to suit every facility.

- 7 unit sizes from 100 to 400 MBh
- 409 stainless steel
- 4-point suspension
- Single point power
- Direct Spark ignition
- Tubular heat exchangers

These gas fired tubular duct furnaces produce the highest operating efficiencies of non-condensing units in the industry.

Harsh Environments

Stainless steel and separated combustion options address safety and durability, and provide greater flexibility when configuring units for the unique operating conditions in your facility, including:

- Dusty and dirty
- Airborne particulate
- High humidity
- Slight negative pressure

The optional cooling module selection includes: DX, chilled water and evaporative cooler.

Placement Possibilities

Trane understands the need to protect the integrity of complex and valuable commercial roof systems, and offers vent options that provide flexibility in the placement of individual heaters and minimize the structural penetration necessary for venting gas fired furnaces.

- Power Vent – allows horizontal wall venting
- Combustion Air Inlet Kit – allows single penetration

Fueled By Savings

Trane gas fired tubular units include several standard fuel saving features designed to support their leading efficiencies for non-condensing units:

- Direct Spark Ignition
- Flue Vent Fan
- Sealed Flue Collector

For the most efficient gas control, Trane also recommends the optional two-stage modulated gas valve or electronically modulated gas valve.



Continuing Clamshell

Because some customers indicated the need, two legacy clamshell model duct furnaces will continue to be available for replacement applications until impending efficiency regulations take effect.

Expanse Standard Combustion Duct Furnace

Up to 25% Annual Fuel Savings over conventional gravity vented heaters.

Streamlined Installation

Trane Expanse Gas Fired Duct Furnace components are assembled, piped, wired and tested at the factory. This makes job site installation a plug and play process, ensuring faster setup, increased reliability and optimal performance.

Safer Serviceability

Many design decisions for duct furnaces are based on the high priority placed on making serviceable components convenient and accessible in order to support the safety of maintenance personnel.

Serviceability features include:

- LED display for maintenance codes
- Direct Spark ignition
- Inshot style burners
- Easy fan and control access

Virtual Configurations

Trane has the Building Information Modeling (BIM) objects to support your building design. Pre-populated physical and performance data unique to each product configuration save time, increase accuracy and simplify the construction process.

Gas Fired Duct Furnaces

An essential element in the Expanse line of comprehensive commercial space heating solutions.



Conveniently Convertible

The Trane Expanse Low Profile Duct Furnace is the only gas fired duct furnace on the market that ships with a separated combustion conversion kit included as standard. This allows for field conversions on the fly, eliminating potential installation delays.

Expanse tubular duct furnaces can also be converted from right hand to left hand access in the field without additional parts.

Time saving innovations like this are a key part of the Trane commitment to customer focused problem solving.

Subduing Static

Pair duct furnaces with an Expanse horizontal blower assembly to support systems with high static pressure.

Visit [Trane.com/Expanse](https://www.trane.com/Expanse) to learn more about about Expanse Unit Heaters.

Expanse Gas Fired Duct Furnace Models

Product Description	Model	Stats
Expanse Convertible Combustion Low Profile Duct Furnace	GU	82% efficient 100 to 400 MBH Tubular
Expanse Standard Combustion Duct Furnace	GL	82% efficient 100 to 400 MBH Clamshell
Expanse Standard Combustion Duct Furnace	GM	82% efficient 100 to 400 MBH Clamshell

Service Agreements

Planned maintenance with Trane service agreements can keep your systems operating at peak efficiencies, conserving operating costs and supporting budget goals.

Leading Warranty

Trane backs all tubular duct furnaces with an industry-leading 10 year warranty on the heat exchangers, burners and flue collectors.

If repairs do become necessary, our unrivaled nationwide network of parts and service providers is on hand to serve you.

Learn more at trane.com



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 or tranetechnologies.com.

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