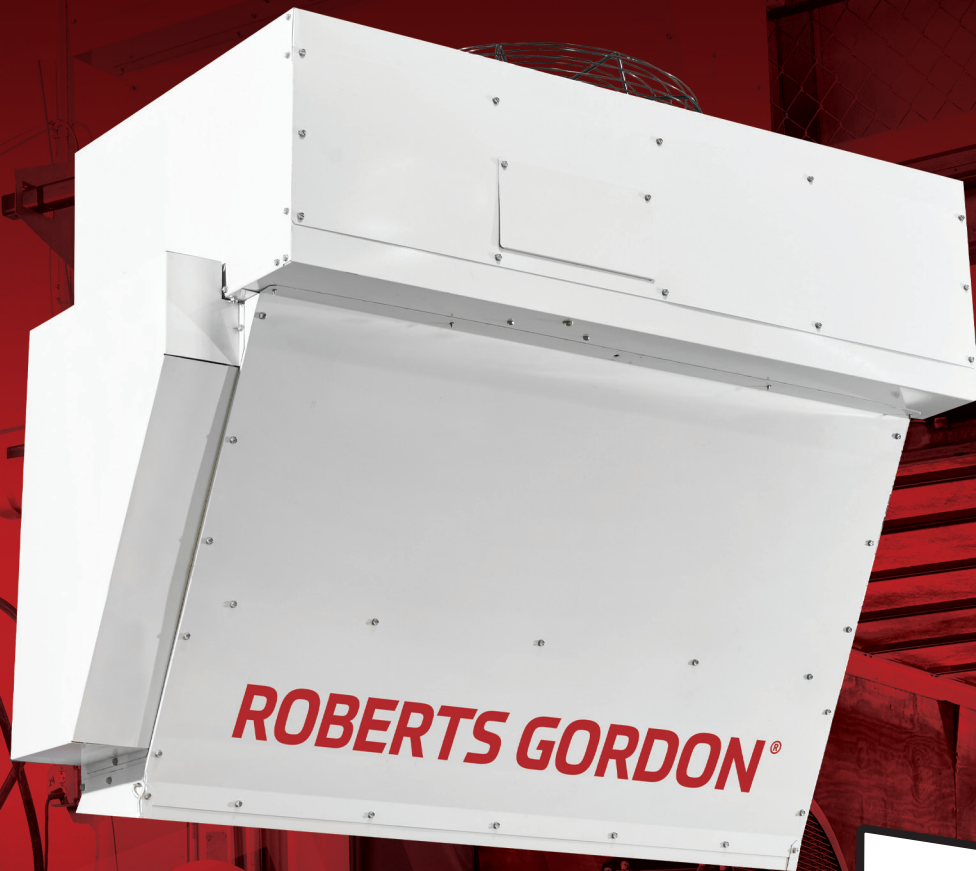


# **ROBERTS GORDON®**

## **Docked Trailer Heaters**

**For Commercial & Industrial Loading Docks**



## **Revolutionizing Dock Door Operations**

[www.robertsgordon.com](http://www.robertsgordon.com)



## The Challenge:

When trailers arrive at loading docks, especially in winter, they're often **too cold for immediate loading or unloading**. This delays operations, reduces worker comfort, and impacts safety.



## The Solution: Docked Trailer Heaters



Model DTH is the first-of-its-kind heating solution designed specifically for docked trailers. It rapidly **warms trailers after as little as 7 minutes\***, improving working conditions, boosting productivity, and helping to enhance safety.

**Drive Productivity, Enhance Comfort  
& Help Improve Safety**

\* Field Test Results from a Northeastern U.S. Installation





# Breakthrough Benefits



## Safer Work Environments

Helps reduce cold exposure and can help reduce risk of slips & falls from icy conditions



## Rapid Comfort

Achieves comfortable trailer temperatures in as little as 7 minutes!



## Year-Round Use

Provides airflow during warmer months with fan-only mode



## Lower Energy Costs

Warms trailers and dock areas efficiently



## Boosted Productivity

Comfortable workers are more focused and efficient



## Reduced Downtime

Minimizes trailer queues and wait times



## Freedom of Movement

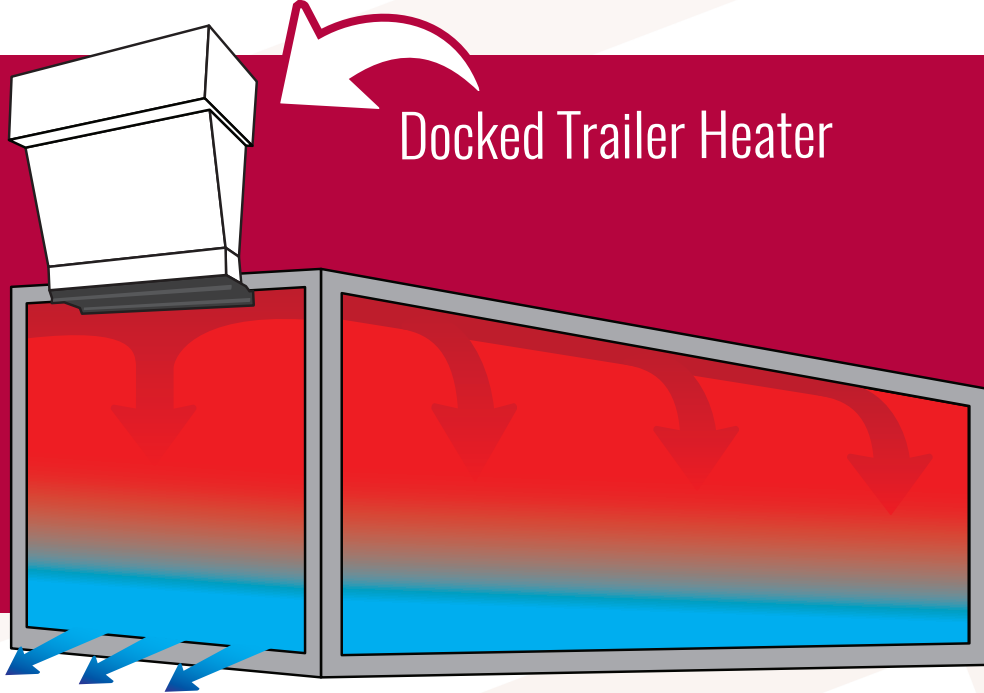
No need for bulky winter gear inside trailers



## Easy Installation & Operation

- Minimal space required above dock doors
- Delivered pre-assembled on a dual-purpose crate/lift with simple mounting kit included
- Plug in power and control panel and done!
- Choose from heat mode, fan mode, or off with a single button





Docked Trailer Heater

## How It Works

High-velocity fans and premium heating elements inject warm air into the trailer's top, pushing cold air out the bottom.

**In just minutes, the trailer reaches warehouse-like temperatures.**

## Built for Performance

- Durable, weather-resistant galvanized steel cabinet
- Available in sizes 18 or 30 with capacities of 13kW, 18kW, or 30kW
- Voltage options: 208/3, 240/3, 480/3, 600/3
- Mounting kit for common installations provided
- Field-built mounting hardware for quick, easy connection
- Wall-mounted control panel with push-button operation
- Optional disconnect switch

## Designed for Safety

- Airflow proving switch and automatic reset high-temperature limit switch
- Impact-resistant flexible chute
- Low-noise, vibration-isolated fan motor
- OSHA-compliant fan guards and thermal overload protection on fan motor
- Safer operation even if dock doors close unexpectedly

## Proven Results

Field Test Results from a Northeastern U.S. Loading Dock Installation



22 °F air temperature gain uniformly throughout the trailer



Surpassed indoor temperature of the dock within seven (7) minutes and maintained a comfortable 74 °F throughout the trailer – 11 °F warmer than the indoor dock area

**72%**

improvement in worker comfort

**\$2,026/year**

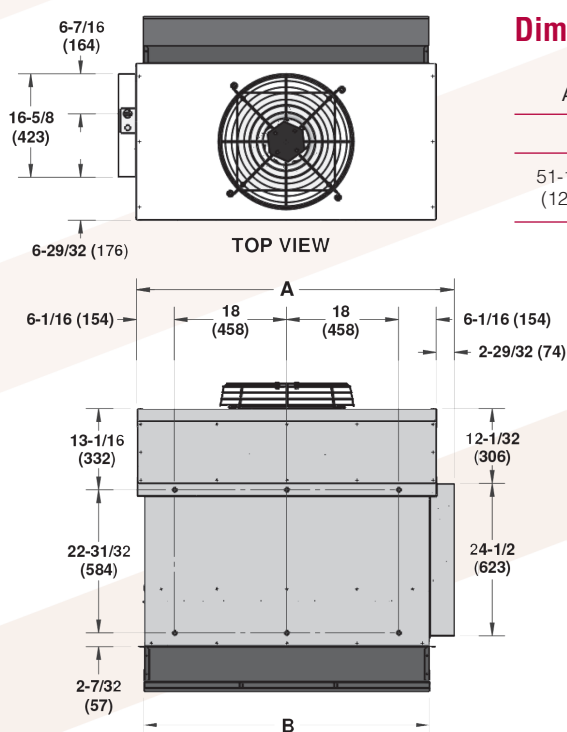
in productivity gains per associate

**\$4.1M**

in potential network-wide savings

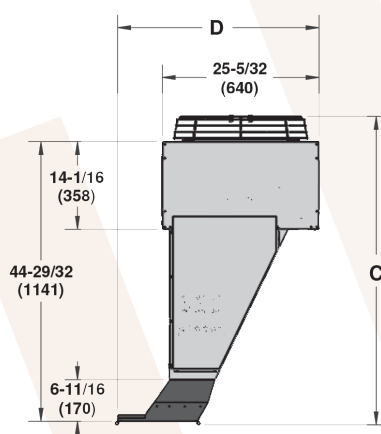
# Technical Specifications DTH

| Model                                     | DTH-18  |               |             |     | DTH-30       |     |
|---|---|---------------|-------------|-----|--------------|-----|
| Voltage*                                  | 208   | 240           | 480         | 600 | 480          | 600 |
| Heating Capacity<br>kW (Btuh)             | 13 (44,000)   | 17.7 (60,000) | 18 (62,000) |     | 30 (102,000) |     |
| Discharge Air<br>Temperature Rise °F (°C) | 35 (20)   | 45 (25)       |             |     | 50 (28)      |     |
| Air Volume<br>CFM (meter³/minute)         | 1200 (2040)   |               |             |     | 1850 (3150)  |     |
| Air Velocity<br>FPM (meter/second)        | 3600 (18)   |               |             |     | 2200 (11)    |     |
| Controls                                  | Wall switch activation; lights on front of unit; optional disconnect switch; field-installed wall-mounted HEAT ON/FAN ONLY control assembly provided with each unit (FAN ONLY operation for air circulation); high-temperature limit control with automatic reset and air-proving switch protection |               |             |     |              |     |
| Operation - Basic Unit                    | Standard off/heat/fan wall-mounted switch provided (optional door switch with off/fan/door and smart sensor to ensure both doors open)  |               |             |     |              |     |
| Operation - Premium Unit                  | Multi-speed control operated via Building Management System (BMS), pulse heating elements to achieve downturn, maximum return air temperature setpoint  |               |             |     |              |     |
| Cabinet                                   | Painted galvanized-steel cabinet with glossy, scratch-resistant paint scheme  |               |             |     |              |     |
| Discharge                                 | Flexible canvas discharge nozzle  |               |             |     |              |     |
| Fan                                       | Vibration- and noise-isolated fan motor, full fan guard; motor is equipped with automatic-reset thermal overload protection   |               |             |     |              |     |
| Field-Installed Options                   | Wall-mounted disconnect switch  |               |             |     |              |     |
| Mounting                                  | Mounting rails and hardware provided  |               |             |     |              |     |
| Certification                             | Listed by Intertek to UL 2021 and CSA C22.2 #46 for use in the US and Canada  |               |             |     |              |     |
| Warranty                                  | Five (5) year electrical and mechanical parts   |               |             |     |              |     |



## Dimensions - in (mm)

| A              | B             | C              | D             |
|----------------|---------------|----------------|---------------|
| inches (mm)    |               |                |               |
| 51-1/32 (1297) | 45-7/8 (1166) | 49-9/16 (1259) | 35-5/16 (821) |



## Minimum Clearances to Combustibles

The unit must be located so that clearances are provided for with regards to inspection and service and for proper spacing from combustible construction. Clearance to combustibles is defined as the minimum distance from the unit to a surface or object for which it is necessary to ensure that a surface temperature of 90°F (50°C) above the surrounding ambient temperature is not exceeded.

| Unit Surface              | Minimum Clearance - in (mm) |
|---------------------------|-----------------------------|
| Top (from fan guard)      | 36 (915)                    |
| Sides                     | 21 (533)                    |
| Back (non-discharge side) | 21 (533)                    |
| Front (discharge side)    | 1 (26)                      |
| Bottom                    | 0 (0)                       |



# Set a New Standard with Roberts-Gordon®

Roberts-Gordon® DTH Docked Trailer Heaters redefine what's possible in dock operations—combining comfort, safety, and efficiency in **one powerful solution.**



***“ The Roberts-Gordon Docked Trailer Heater has completely transformed our winter operations. Our team is more comfortable, efficient, and we’ve seen a noticeable increase in productivity due to reduced downtime. ”***

**- Plant Manager, Manufacturing Facility**



**Contact your local rep or distributor.  
Visit: [www.robertsgordon.com/distributors](http://www.robertsgordon.com/distributors)**



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RGDTHBNA

