

# North American Temporary Heating Market

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North American Temporary Heating Market

# Scope of Research

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This study aims to provide a detailed analysis of the North American Temporary Heating Market along with qualitative trends for the year 2022.

The market numbers included in this report represent revenues generated by companies operating in the Temporary Heating Market in the United States and Canada. The base year for the study is 2022 and the forecast period is from 2022 until 2029.

This study captures the following information on the North American Temporary Heating Market:

- Market Size, Growth Rate, Revenue Forecasts (2022-2029)
- Growth Drivers & Restraints
- Market Data
- Market Share Analysis
- Market Trends
- Quotes by Key Industry Participants

# Methodology

## Interviews with key market participants

The methodology adopted while creating this research involved conducting interviews with various key market participants, enabling Verify Markets to identify various trends in the North American Temporary Heating Market. Furthermore, discussions with industry participants enabled us to provide a comprehensive country-level view of the overall market. Next, the information was validated through our internal databases, market experts, and secondary sources. The collected information was structured and collated into this report.



## Macro-economic factors and industry parameters

Various country level parameters including the GDP, construction spending, industrial spending, oil & gas prices, equipment sales, heating days, and rental revenues, among others, were taken into consideration in our forecasting model. An in-depth analysis of such factors enabled Verify Markets to size and forecast the North American Temporary Heating Market. As an added exercise, Verify Markets backs into market size estimates by counting dealerships and incorporating revenue assumptions based on proximity to metropolitan area.

# Segmentation by equipment type



**DIRECT-FIRED HEATERS**

A direct-fired heater uses fuel combustion to generate heat, which is transferred through a heat exchanger to the fluid or gas being heated. They are commonly used in industrial settings to heat large spaces or provide process heating. However, they can produce exhaust gases that may contain pollutants or excess moisture, which can be a concern for indoor air quality or certain industrial applications.



**FLAMELESS HEATER**

Flameless heaters are the "safest" option for volatile jobsites, as they use an internal combustion engine, are indirect-fired, and have no visible flame, reducing the risk of ignition for jobsite fires. They are ideal for industries such as oil and gas exploration, mining, construction, and restoration.



**HYDRONIC SURFACE HEATERS**

Hydronic surface heaters are energy efficient due to the most efficient fluid heat transfer, which reduces fuel consumption and costs compared to indirect-fired and direct-fired open flame heaters. They also eliminate the need for ventilation, heating of cold air, and heat loss from routing air outside for reheating, resulting in additional fuel savings. Indirect-hydronic heaters have the lowest fuel burn per Btu/hr.

**Indirect-fired heating units dominate the market in terms of revenues.**

# Segmentation by equipment type

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## STEAM HEATERS

Steam, or hot water heaters, can be used in structures where there is already a central steam or hot water boiler on-site. These portable air handlers, when combined with steam or hot water, will provide dry and even heat.



## ELECTRIC HEATERS

Electric heat requires accessibility to high voltage and high amperage power and will often be accompanied with a generator. Since electric heaters operate on electricity, they are fume, flame, and moisture-free.



## GROUND THAW HEATERS

A ground thaw heater can be direct-fired, indirect-fired, steam or hydronic. Typically, the process uses indirect heating. Hydronic surface heaters can be used by laying hoses on a surface, insulating them and thawing ice on the ground.



## INDIRECT-FIRED HEATERS

Indirect heating is used where air, and sometimes fluid, is heated by firing the burner into a heat exchanger. The heat exchanger warms the air as it passes over, while the by-products of combustion are contained within the exchanger and do not come in contact with the process air.

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# Segmentation by end user

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## Oil & Gas

Refers to temporary heating equipment used in the oil & gas industry to support exploration, production, and transportation.



## Industrial

Industrial end users are comprised of agriculture and manufacturing applications such as semiconductors, pulp and paper, food processing, maritime, chemicals, petrochemicals, rubber, and metals.



## Mining

The mining industry utilizes heat for both process and comfort purposes, extracting ore, coal, and/or minerals from the ground.



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# Segmentation by end user

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## Construction

Refers to any application involved with the construction, alteration, and repair of buildings, structures, and other real property. This category does not include some immediate specialty restoration and emergency heating/drying opportunity.



## Events

Events such as weddings, sporting events, festivals, movie production, corporate entertainment, and all other events that might require a heater.



## Emergency

The emergency market refers to moisture removal and temporary heat used to quickly dry saturated structures. This market is predominantly a response to natural disasters – floods, fires, and hurricanes or water leaks.



## Others

All other temporary heat opportunities not covered in the above categories. The 'others' category includes areas like pest control and commercial applications.

Among the different end user segments, market participants expect the agriculture and mining sector to experience high growth during the forecast period. The mining industry in the U.S. is expected to experience a significant rebound in 2023, with increased investments in mineral exploration and mining operations. This anticipated growth in the industry is likely to further boost the demand for temporary heating solutions.

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# Segmentation by heater types & applications

INDUSTRY	HEATER TYPES	APPLICATIONS
Construction	Indirect-Heat, Direct-Fired, Electric, Ground Thawing and some Flameless	Comfort heating, paint drying, moisture reduction, concrete curing, column wrapping
Oil & Gas	Indirect-Heat, Electric, Ground Thawing & Flameless	Pipeline project heating, emergency thawing, pre-warming equipment, comfort heating
Refining	Indirect-Heat, Electric, Ground Thawing, Steam and Flameless	Comfort heating, climate control, process heating, shutdown and turnaround
Events	Electric, Direct-Fired, Indirect-Heat and some Ground Thaw	Comfort heating, climate control, thawing ground
Emergency	Indirect-Heat, Ground Thawing, Electric and Dehumidification Equipment	Moisture removal, specialty restoration, comfort heating, paint and coating drying
Industrial	Indirect-Heat, Electric, Ground Thawing and Steam	Comfort heating, climate control, process heating, power generation
Mining	Indirect-Heating, Electric, Ground Thawing	Comfort heating, climate control, pre-warming equipment

Source: Verify Markets

# About Verify Markets



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# About us

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## Expert Advice and Strategy Consulting

Verify Markets is a Research Firm specializing in Industrial, Environmental, Energy and Water markets. Our Research & Consulting practice provides global industry analysis, custom engagements, end-user analysis, strategy consulting, strategic market intelligence, and forecasts that are designed to facilitate strategic decision-making. Our team of consultants, industry experts and analysts continually monitor and evaluate information to create insights for your business needs. We are comprised of a group of analysts that have been tracking their respective markets for a number of years.

Our goal is to help you reach yours.

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# Methodology

The methodology when formulating market trend projection is outlined below.  
 Historical trends were determined through secondary research and Verify Markets in-house database.

## Secondary Research

Secondary research was conducted. A list of key industry participants was put together.



## Primary Research

Telephonic interviews were conducted. Most of the leading participants across North America were contacted.

## Bottom-up

Bottom-up methodology was used to calculate the market size.



## Drivers & Restraints

Market drivers and restraints were built into the forecasting model to estimate the revenue growth and market size figures.

Most of the primary interview data was captured through telephonic interviews. Pictures, company contacts, preliminary data was captured through secondary research. Images are derived from company websites and other web sources.



## Disclaimer

Despite Verify Markets' best efforts, certain challenges were encountered, and certain assumptions had to be made. The extremely competitive nature of the temporary heating market often results in an increased reluctance on the part of several competitors to discuss their market position, future plans, or market trends. Verify Markets used its skills and experience to extract the relevant data in order to complete the analysis.

Verify Markets is not responsible for any incorrect information supplied to us by companies during our primary research process.

Verify Markets report is for customers' internal use and not for general publication. This research cannot be given, disclosed, or sold to non-customers or third parties. Since most of the data is based on company personnel views, it is subject to fluctuation.

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# Capabilities

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# Global Presence







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# Have Any Question



Contact us and set up a time to speak with our analysts.



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# Contact us: We're social

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