

Knowledge
Based

Since 1975



PACKMAN
Industrial Group

 Fire Heater

powered by PACKMAN industrial group



Fire Heater

www.packmangroup.com



Product Description

Industrial fire heaters play a vital role in various industrial settings, providing efficient and reliable heating solutions. These advanced heating systems are designed to generate and distribute high-temperature heat in a controlled manner, ensuring optimal conditions for industrial processes. With their robust construction, advanced features, and stringent safety measures, industrial fire heaters have become an indispensable component in numerous industries.

What is an Industrial Fire Heater?

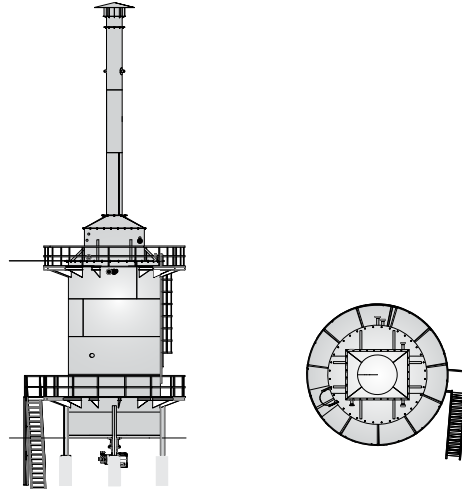
An industrial fire heater is a specialized heating device specifically designed for industrial applications, where precise and controlled heat generation is essential. These heaters utilize a combustion process, often fueled by natural gas, propane, or fuel oil, to produce the necessary heat energy. The combustion process occurs within a well-insulated firebox, ensuring maximum heat transfer efficiency.

Applications of Industrial Fire Heaters

Oil and Gas Industry: Industrial fire heaters find extensive use in the oil and gas sector, primarily for processes such as crude oil heating, wellhead heating, and natural gas processing. These heaters facilitate the maintenance of optimal temperatures during oil refining, ensuring efficient separation and purification of various hydrocarbon compounds.

Chemical Industry: In chemical plants, industrial fire heaters are employed for diverse applications, including heat transfer fluid heating, reactor vessel heating, and distillation processes. They enable precise temperature control and uniform heat distribution, ensuring the integrity and efficiency of chemical reactions.

Food Processing: Industrial fire heaters play a crucial role in the food processing industry, providing the necessary heat for cooking, drying, baking, and sterilization processes. These heaters ensure compliance with stringent food safety regulations while enhancing production efficiency and reducing processing time.



Power Generation: Industrial fire heaters are utilized in power plants to generate steam, which is often required for electricity production. These heaters play a vital role in maintaining optimal steam temperatures and pressures, ensuring the smooth operation of turbines and other power generation equipment.

Manufacturing: Numerous manufacturing processes rely on industrial fire heaters for efficient heat transfer. Applications include heat treatment of metals, curing of coatings, plastic molding, and various other thermal processes that require precise and controlled heating.

Advantages of Industrial Fire Heaters

Efficiency: Industrial fire heaters are designed to provide high thermal efficiency, minimizing heat loss and optimizing energy consumption. This results in reduced fuel consumption and operating costs, making them cost-effective solutions for industrial heating needs.

Safety: These heaters incorporate advanced safety features such as flame detection systems, temperature controls, and pressure sensors to ensure safe operation. Additionally, their sturdy construction and adherence to safety standards minimize the risk of accidents and ensure the protection of personnel and assets.

Versatility: Industrial fire heaters offer flexibility in terms of fuel type, combustion control, and heat output capacity. This versatility allows them to accommodate a wide range of industrial applications and adapt to varying process requirements.

Reliability: Built with durable materials and utilizing proven technology, industrial fire heaters are known for their reliability and long operational life. Regular maintenance and servicing further enhance their performance and longevity.

PACKMAN GROUP

History

The Packman Company was founded in February 1975, and was soon afterwards registered in companies Registration Office. In early years the Packman construction and service branch focused on building installations. Different mega power plants were built by cooperating with Brown Boveri and Asseck companies in 1976.

The company started its official activities in construction of High-Pressure Vessels such as Hot-Water Boilers, Steam Boilers, Storage Tanks, Softeners and Heat Exchangers from 1984.

Packman Company is one of the first companies which supplied the high quality and standard hot water boilers to the customers.

Packman has exported its products to countries such as Uzbekistan, United Arab Emirates and other countries in the Middle East. It is one of the largest producers of hot-water and steam boilers in the Middle East.

Now we are proud to announce that the Packman industrial group has five major sub-brands that have product titles in all field of HVAC equipment and engineering services, and we do not know this success except with the help and support of our customers.

1. Construction Services Industry Association
2. Industry Association
3. Construction Companies' Syndicate
4. Technical Department Association
5. Mechanical Engineering Association
6. Engineering Standard Association

Departements:

Sales Deps:

- ⌒ Power Plant & Petrochemical
- ⌒ Industrial
- ⌒ Hospitality Service
- ⌒ Commercial & Residential
- ⌒ Sport Complex & Pool

Technical Deps:

- ≡ Manufacturing R&D
- ≡ Innovation Center
- ≡ EPC Execute Unit
- ≡ Product Develop Unit
- ≡ Sales Engineering Dep.

Others:

- ≈ After Sales Service
- ≈ Project Control
- ≈ Financial Office
- ≈ Commercial Office
- ≈ Marketing Department



PACKMAN GROUP Brands



PACKMAN
Industrial Group

Designer&manufacturer of Condensing, Hot Water, Steam, Hot Oil & Waste Heat Boilers, Heat Exchangers, Autoclave Pressure & Storage Vessels & etc



GREENMAN
Green mindset, green future

Engineering & Designing Commercial Greenhouse Plant, CO2 Dosing System, Flue gas Condenser & Special HVAC Systems, Sustainable Agriculture & etc



ROMAN
Water solution

Designer&manufacturer Reverse Osmosis Plant & Package, Water Treatment, Softener & Filters and Chemical Dosing Systems & etc



RAADMAN
a look to the future

Designer&manufacturer of Industrial Mono & Dual Block Gas, LPG, Light & Heavy Oil Burners, Premixed & Postmixed Burners, Watertube burners, Process burners, Special application burners & Combustion Solutions & etc



CHILLMAN
Coolest hvac around

Designer&manufacturer of Air & Water Cooled Chillers, Air Handling Units, Fancoil, HVAC Equipment, Cold Storage Room & etc



1. Isfahan Factory



2. Vilashahr Factory



3. Parand Factory



4. Parand (2) Factory



5. Bonyad Factory

SOME OF Certificates are



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