

## High Temperature Industrial Heating



# A thermal fluid heater of your choice



## May we introduce ourselves

The Aalborg Industries Group provides from offices around the world, standardised steam and heat generating solutions such as steam boilers and thermal fluid heaters. We are committed to supplying the market's best investment alternative. During the long lifetime of our products, our after sales organisation is available around the clock for service and spare parts.



## Our company in the Netherlands

**-Aalborg Industries NL BV-**  
a leader in the field of thermal fluid heating systems.

The origins of the company's activities in thermal fluid heating systems go back over 30 years. Before the takeover by Aalborg Industries the company was known under the name of Wiesloch Marine & Industries BV and Saarloos BV.

Since 1999 the company has thus been a creative and energetic part of the Aalborg Industries Group.

# Top quality supply



## A thermal fluid heater of your choice

Within the Aalborg Group worldwide Aalborg Industries in the Netherlands is responsible for the supply of thermal fluid heating systems. Our heating systems are well known for their high standard and quality. Our systems are applied throughout the world in all sectors of industrial process heating.



*Vertical thermal fluid heater*

# Delivery program



Aalborg Industries produces compact units, functional and dimensioned in a well considered manner.

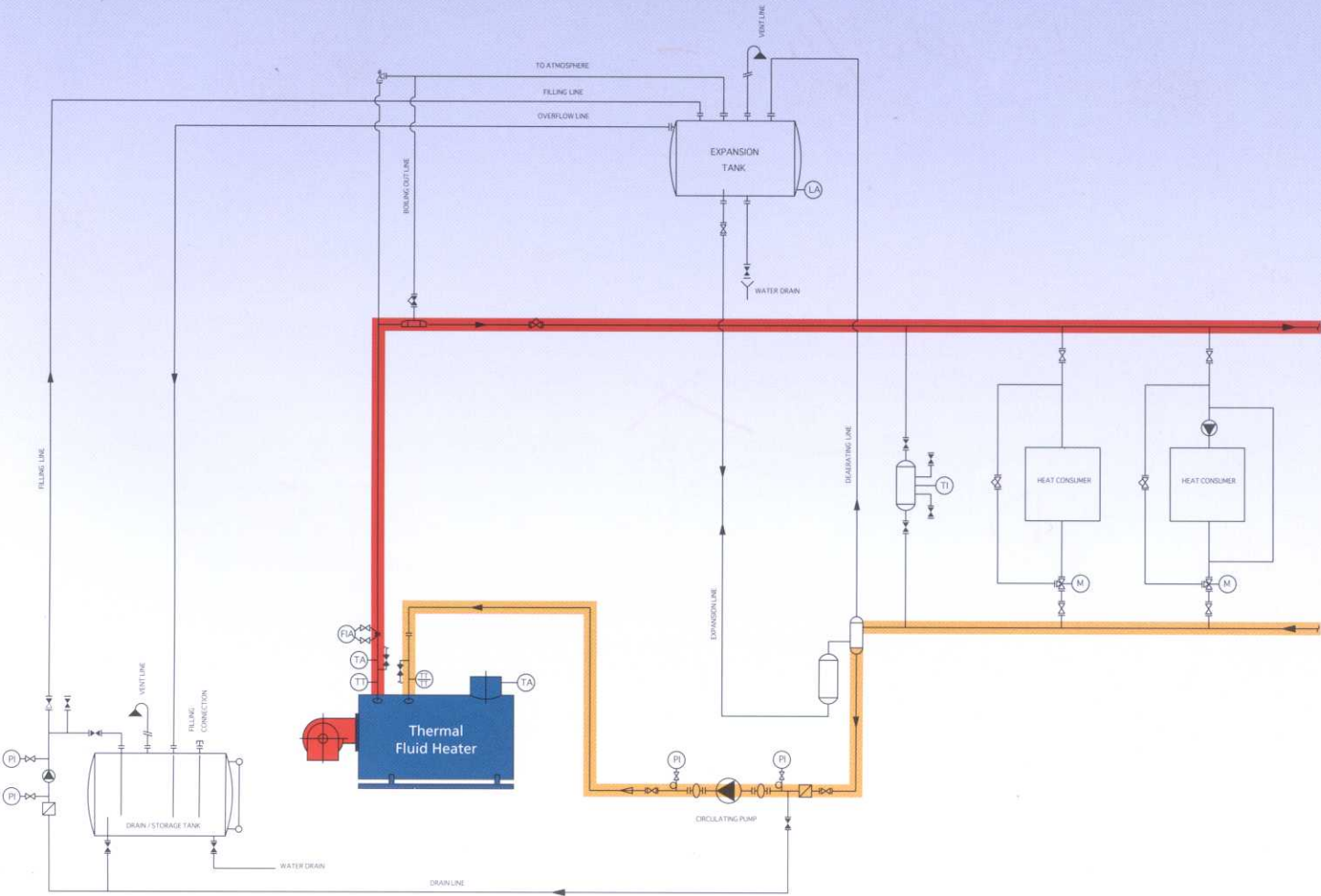
*Circulation pumps*



## Delivery program

- Thermal fluid heaters
- Burners
- Stacks
- Economisers
- Heat exchangers
- Control panels
- Expansion tanks
- Drain tanks
- Valves
- Circulation pumps
- Commissioning
- 24 hour service

# System design



**Quality**

More than a commitment to un failing performance, our approach to quality reflects a deep respect for our customers' businesses. Only in this way can we sustain our growth and meet market demands.

Aalborg Industries constantly strives for top quality and can supply with any certification.

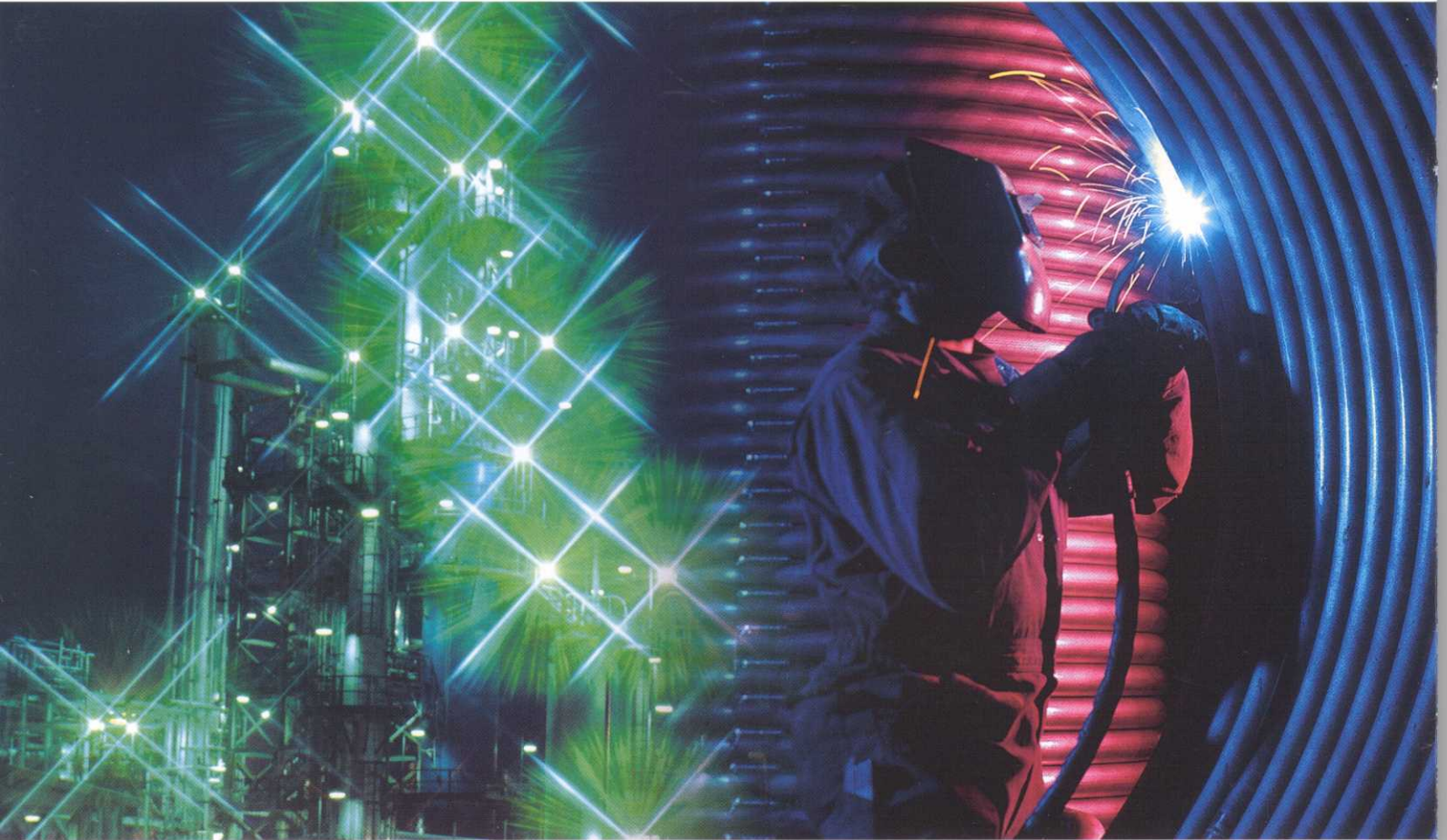


Control box

Control valve



# Customer benefits and advantages of the design



## Customer benefits

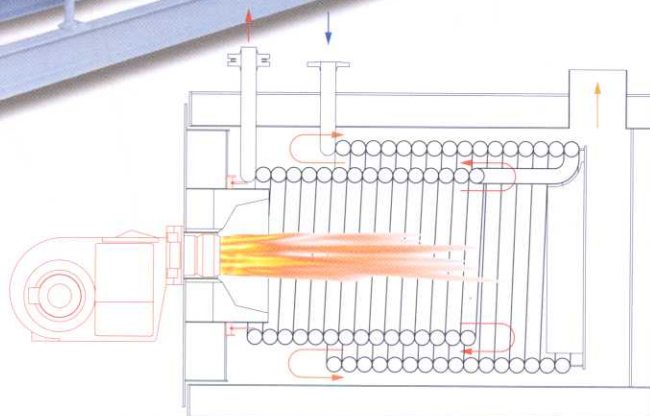
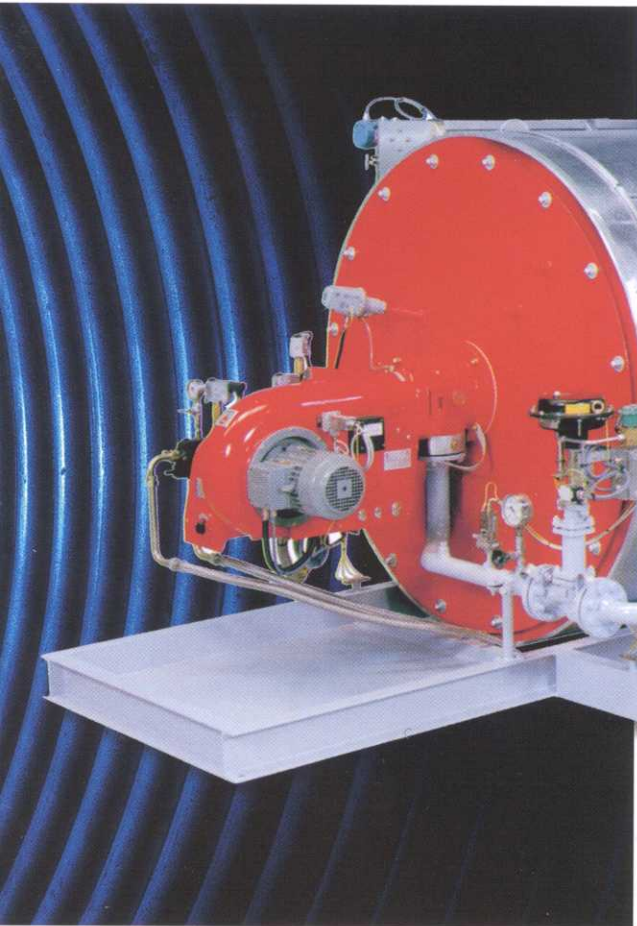
- Standard vertical and horizontal construction
- High efficiency
- Suitable for oil and gas as burner fuel
- Suitable for mineral and synthetic oil or water
- Low film temperature, ensures long life of the thermal fluid
- Easy to operate
- Low maintenance cost
- Clean and safe



## Advantages of the design

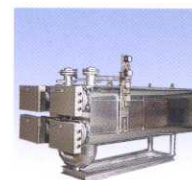
- Low thermal fluid flow resistance
- High flue gas velocity, resulting in a good heat transfer
- Triple draw flue gas principle
- Removable front cover
- Gas-tight welded inner jacket of St.37 or H11
- Thick insulated jacket minimizes radiation loss
- Outer jacket of steel plate
- As option we can offer an inspection hole





### Safety devices for fired thermal fluid heaters

- An electronic unit protects against excessive flue gas temperature. Over the set value, the burner is blocked and the fault indicated.
- In case of a cold start the burner capacity is reduced to obtain a correct flow and low film temperature at the start. After this the burner control is freed.
- If the circulation pump fails, the burner is switched off and secured.
- Flow is monitored by means of an orifice plate with a differential manometer with electric contact.
- A level switch is mounted on the expansion tank which switches off and secures the burner and circulating pump if the level is too low.



Electrical heater

Unfired steamboiler





### **Co-operation built on mutual trust and commitment**

The core business of Aalborg Industries in The Netherlands is to develop innovative thermal fluid heaters adding the value of our lifelong commitment to every product delivered from our company. This is part and parcel of every contract we close and a prerequisite for the lasting customer relationships in which we believe so strongly.



*Odfjell Terminals (Rotterdam) B.V.*

Aalborg Industries is an international group of companies with expertise in thermal fluid heat, steam boiler and combustion technology. We are more than just another supplier - we are quite simply your best choice of a business partner now and in the future.

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