



**PRODUCER OF WASTE OIL  
HEATERS AND BURNERS**

## **UNIVERSAL OIL HEATER TYPE MTM 15-35 GT**



### **ORIGINAL MANUAL**

**MTM Dariusz Seferyński**  
**Tel. 22 353-11-11, 22 353-22-22**

**v. 08/2015**



## EC DECLARATION OF CONFORMITY

### MTM DARIUSZ SEFERYŃSKI

HEATING, VENTILATION, AIR  
CONDITIONING

04-239 WARSAW, ul. MŁODNICKA 52 C

I hereby declare that the oil air heater intended for heating industrial rooms without central heating systems: **model MTM 15-35 GT, serial no. .... manufactured in the year 20.....**

Rated power of 15-35 kW

Due to its design and structure, meets the basic safety and health requirements set forth in the Directive 2006/42/EC on machinery and has been manufactured according to the directives as follows:

- Directive **2006/42/EC** - on machinery (MD)
- Directive **2006/95/EC** - on electrical equipment designed for use within certain voltage limits (LVD)
- Directive **2004/108/EC** - on electromagnetic compatibility (EMCD)
- Directive **89/106/EC** - on construction products (CPD)

and the following standards:

- EN 1:1998+A1:2007 Fuel oil stoves with vapourising burners and chimney connection
- EN 303-5:1999 Heating boilers - Part 5: Solid fuel heating boilers with manual and automatic fuel charge with rated power of max. 300 KW - Definitions, requirements, testing and marking and labelling.
- EN 953:1997+A1:2009 Safety of machinery - Guards - General requirements for the design and construction of fixed and movable guards
- EN 60204-1:2006+A1:2009+AC:2010 Safety of machinery - Electrical equipment of machines - Part 1: General requirements
- EN ISO 12100:2010 Safety of machinery - General principles for design - Risk assessment and risk reduction
- EN ISO 13732-1:2008 Ergonomics of the thermal environment - Methods for the assessment of human responses to contact with surfaces - Part 1: Hot surfaces
- EN ISO 13857:2008 Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs
- EN ISO 14159:2008 Safety of machinery - Hygiene requirements for the design of machinery
- EN 60335-1:2002+A14:2010 Household and similar electrical appliances - Safety - Part 1: General requirements
- EN 55014-1:2006+A1:2009 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission
- EN 55014-2:1997+A2:2008 Electromagnetic compatibility (EMC) - Requirements for household appliances, electric tools and similar apparatus - Immunity - Product family standard
- EN 61000-6-1:2007 Electronic compatibility (EMC) - Part 6-1: Generic standards - Immunity for residential, commercial and light-industrial environments
- EN 61000-6-3:2007 Electronic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments

The authorisation to compile the machine technical documentation has been given to the representative of the producer:

**MTM DARIUSZ SEFERYŃSKI**

HEATING, VENTILATION, AIR CONDITIONING

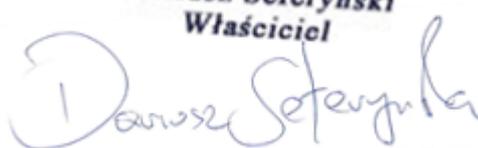
04-239 WARSAW, ul. MŁODNICKA 52 C

**Contact person: Dariusz Seferyński**

This declaration pertains only to the machine in condition in which it was launched on the market and does not cover component parts added by the end user or later actions performed by them.

This declaration expires if any changes are made to the device that have not been consulted with us.

Dariusz Seferyński  
Właściciel



Warsaw, ..... 20 ....

(full name and signature of the person authorised to make the declaration)

## 1. Heater intended application and technical data

The universal oil heater type MTM 15-35 GT is designed to heat up industrial rooms not covered with central heating systems (workshops, car repair shops, industrial shops, warehouses, storage buildings, basements, garages, etc.).

The furnace can operate using most waste oils of mineral and plant origin, e.g. engine, gear, hydraulic, fuel oil, with maximal density in temperature 15°C equal to 890 kg/m<sup>3</sup> and with ignition temperature exceeding 56°C.

**DO NOT USE TRANSFORMER OIL AS IT MIGHT CONTAIN SUBSTANCES  
AFFECTING FURNACE OPERATION AND USER HEALTH**

### TECHNICAL DATA

<b>Maximal thermal capacity*</b>	<b>KW</b>	<b>35</b>
<b>Minimal thermal capacity*</b>	<b>kW</b>	<b>15</b>
<b>Maximal fuel consumption</b>	<b>l/h</b>	<b>2.9</b>
<b>Minimal fuel consumption</b>	<b>l/h</b>	<b>1.5</b>
<b>Heated air flow</b>	<b>m<sup>3</sup> /h</b>	<b>1000</b>
<b>Power supply</b>	<b>V/Hz</b>	<b>230/50</b>
<b>Maximal power consumption</b>	<b>W</b>	<b>190</b>
<b>Fume exhaust outlet diameter</b>	<b>mm</b>	<b>130</b>
<b>Device width</b>	<b>cm</b>	<b>85</b>
<b>Device height</b>	<b>cm</b>	<b>139</b>
<b>Device length</b>	<b>cm</b>	<b>90</b>
<b>Device weight</b>	<b>kg</b>	<b>100</b>

\* Power and fuel consumption depend on the quality and density of the fuel.

The producer guarantees that with the minimal fuel consumption at 1.3-1.7 l/h the minimal power of the device will not be lower than 15 kW and that at the maximal fuel consumption at 2.5-2.9 l/h the maximal power of the device is 35 kW.

## 2. Storage environmental conditions

The universal oil heater type MTM15-35GT must be stored in the following conditions:

- temperature from -20°C to 85°C
- relative humidity < 85%
- pressure < 1200 hPa
- no dusting
- environment free from chemical contamination.

## 3. Use environmental conditions

The universal oil heater type MTM15-35GT must be used in the following conditions:

- temperature from 0°C to 30°C
- relative humidity < 85%
- pressure < 1200 hPa
- IP protection level against environmental impact IP21
- good ventilation of the heated room.
- device noise not exceeding 70Db

## 4. Safety aspects

- It is inadmissible to use fuels other than specified in point 1. of the Original Manual.  
**In particular, it is forbidden to use such fuels as solvents or petrol!**
- All activities regarding operation of the device must be performed in protective gloves and by a person trained for operation.
- It is prohibited to put hands in the protective grids of the furnace or areas of the operating fan.

<b>MTM</b> 04-239 Warszawa ul. Młodnicka 52 C tel. +48 22 353 11 11		SERIAL NO. / YEAR OF PRODUCTION NUMER FABRYCZNY / ROK PRODUKCJI
UNIVERSAL OIL HEATER NAGRZEWNICA NA OLEJE UNIWERSALNE		
TYPE TYP	MTM 15-35 GT	
MAX CAPACITY MAKSYMALNA WYDAJNOŚĆ	35 kW	
MIN CAPACITY MINIMALNA WYDAJNOŚĆ	15 kW	
AIR FLOW PRZEPŁYW POWIETRZA	1000 m <sup>3</sup> / h	
FUEL PALIWO	OIL, DIESEL OLEJ OPALOWY, OLEJ NAPEĐOWY	
MAX OIL CONSUMPTION MAKSYMALNE ZUŻYCIE OLEJU	2.9 l / h	
ELECTRICAL SUPPLY ZASILANIE ELEKTRYCZNE	230 V / 50 Hz	
ELECTRICAL POWER MOC ELEKTRYCZNA	200 W	
WEIGHT WAGA	100 kg	

**TEMPLATE OF THE RATING PLATE,  
PLACED ON THE REAR ENCLOSURE**

- It is necessary to ensure efficient ventilation of the heated room in order to avoid carbon monoxide poisoning.
- While cleaning the device or performing other maintenance activity, the device must be disconnected from the power network by removing the electrical plug from the power socket.
- While connecting the device to a power network, it must be made sure that the wiring is operational and that it has differential current protection and earthing.

The MTM15-35GT universal oil heater is powered by the alternating current network of 230V, 50Hz. It is equipped with two bimetallic sensors, ensuring safe and economic operation of the device. The bimetallic sensor located on the furnace chamber reacts with contact shorting when the furnace temperature exceeds 40°C and with contact opening when the temperature drops below 35°C. In emergency situations (overheating, oil overflow) the processor checks the bimetallic sensor signal and maintains the fan operation until the furnace has cooled down to the temperature below 35°C.

The other bimetallic sensor is located near the downcast ventilator and its threshold temperature equals 90°C. Its contact opening resulting from exceeding the threshold temperature causes the stove to immediately enter the **Overheating** phase (see point 8. in this Manual). The heater is also equipped with a weight sensor located under the combustion chamber (i.e. the so-called overflow cut-out).

When the tank of the above cut-out has filled up, the stove automatically switches to the phase **Overflow** (see point 8. in this Manual).

## 5. Controller structure

The connection of the stove controlling panel to other system components (sensors, pump, fan) is factory-made. During normal use, due to safety, under no circumstances should there be any interference in the covered part of the stove controller or duct integrity. Any action by an unauthorised person may result in electrocution (230V AC, 50Hz) and burning.

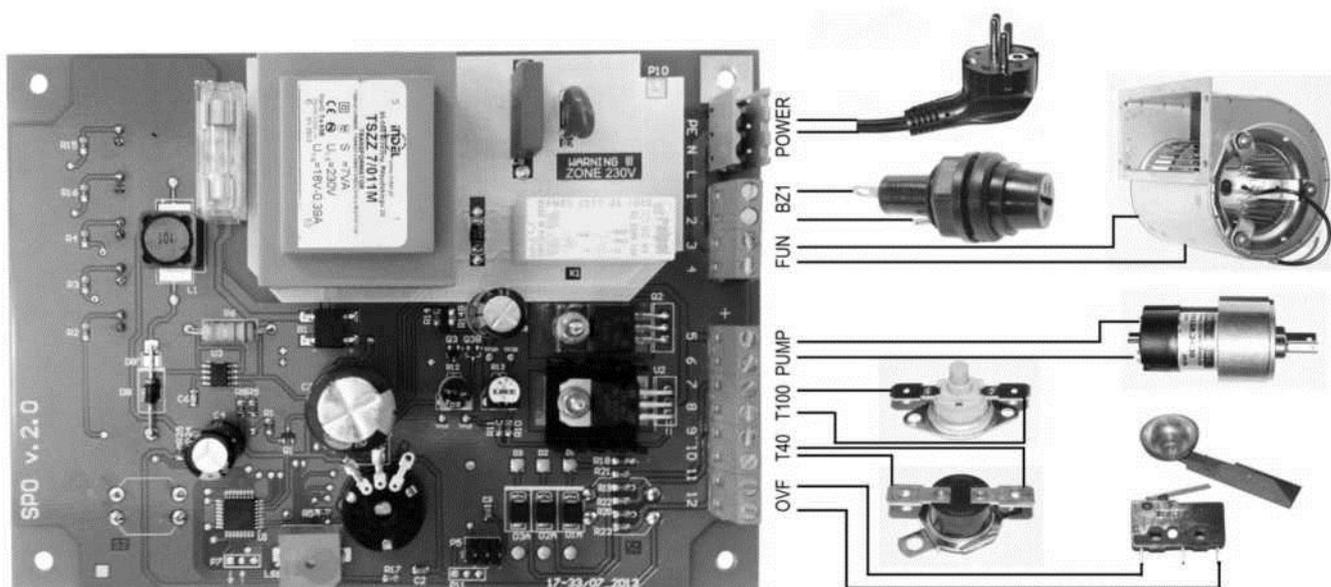


Fig. 1. The connection of the universal oil heater type MTM15-35GT.

## 6. Device installation

- read the local Health and Safety and fire protection regulations,
- place the stove on a flat, concrete floor, in the spot allowing free space around the device according to Fig. 2.,
- level the device - in order to check whether the heater is well levelled, place the furnace bowl in the lower part of the combustion chamber and pour a small amount of diesel oil into it - the oil should spill out exactly in the middle of the bowl,
- install the draught regulator on the pipe exiting the combustion chamber to ensure stable draught inside the chamber during heater operation,
- to provide optimal draught, install an at least 5-metre-long smooth, vertical stack pipe resistant to high temperature (**not aluminium**),
- check the leak tightness of all stack connections, tighten them with insulating tape if necessary,
- make sure that the combustion bowl is located in the combustion chamber centrally,
- check the network voltage (230V/50Hz) and connect the stove to the power supply - neither the fan or the pump should start because the stove is not switched on yet and no heat has been produced.

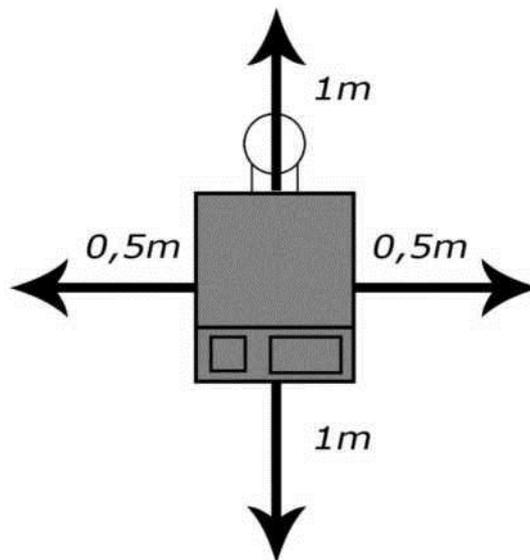


Fig. 2. Minimal safety space around the device.

## 7. Stack duct installation

The stack outlet of the MTM15-35GT stove must be capped with the draught regulator (which is a part of the standard stove equipment) in the vertical position so that the exhaust fumes outlet is directed upwards. The stack must be installed into the exhaust fumes outlet of the draught regulator. To ensure proper combustion, the stack system must be installed properly. After the installation the following indications have to be followed:

- pipe diameter: 150 mm,
- check the leak tightness of the stack component connections,
- minimal stack height: 5 m,
- the stack section outside the building should be insulated (a double wall),
- wind should freely fan the stack outlet from all directions (the end of the stack pipe should be above the rooftop level),
- if possible, all stack sections should be vertical - horizontal sections should be avoided as well as stack pipe bends. If they are necessary (e.g. two bends if the pipe runs through a wall or a window), the maximal bend angle equals 45° and the minimal stack height should be increased to 6 meters,
- the already existing ventilation ducts must not be used to build the stack system!

## CAUTION!!!

IF AN ADDITIONAL HEAT EXCHANGER IS INSTALLED ON THE STACK SYSTEM (e.g. EXHAUST FUMES ECONOMISER), IT IS ADVISABLE TO CLEAN THE EXCHANGER AT LEAST ONCE A MONTH (depending on the fuel quality) AS ITS INNER WALLS ARE BEING COVERED WITH DUST, WHICH RESULTS IN A REDUCED CALORIFIC EFFECT OF THE EXCHANGER. A DECREASED DIAMETER OF EXHAUST FUMES FLOW WILL CAUSE AN EARLY SWITCH OF THE STOVE INTO THE "OVERFLOW" PHASE AS A RESULT OF BAD COMBUSTION.

Places where the stack runs through the ceiling, walls or the roof must be insulated so as to avoid fire hazard. It is advisable to use a two-layer insulated stack pipe wherever there is a possibility of touch contact and outside the building, to ensure constant proper draught and prevent condensation. Do not place any materials near the stove, even those which are non-inflammable. Ensure constant air supply, necessary for proper combustion process.

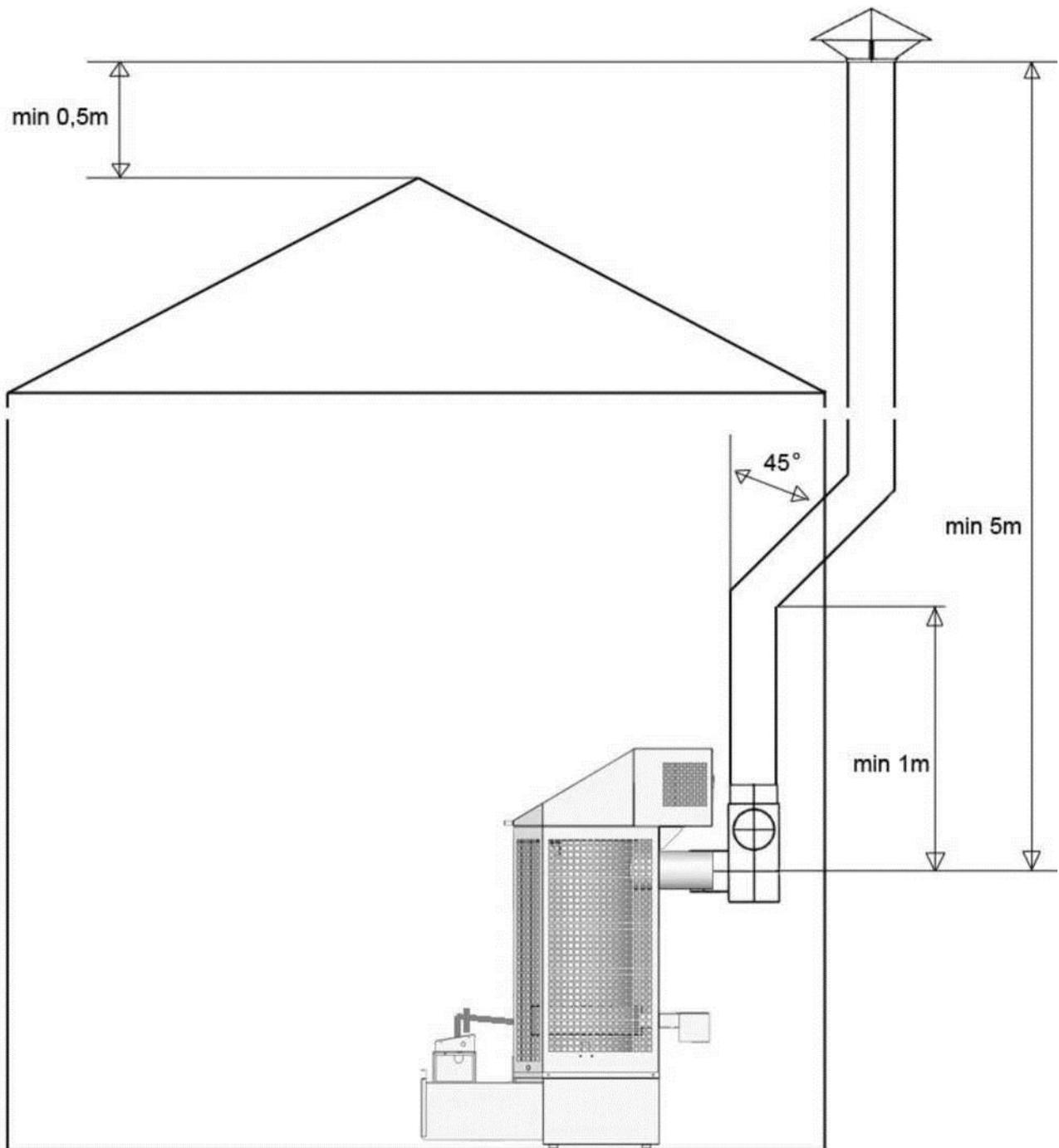


Fig. 3. Stack system

## 8. Device operation description

### Control panel

The controller of universal oil heater type MTM15-35GT is equipped with an adjusting knob and two buttons, which enable the user to control the heater operation, and two diodes indicating the operation phase of the device, connected to a sound signal in the case of a device failure.



Fig. 4. The front panel of the control module of the universal oil heater type MTM15-35GT.

[STANDBY]  
[OPERATION]  
[OVERHEATING]  
[OVERFLOW]  
[PUMP]  
[MTM 15-35 GT STOVE]

### The device operates in the following phases:

- Stop device ready to operate
- Firing up initial phase of device operation
- Operation proper phase of device operation
- Damping device shutdown process
- Overheating emergency shutdown
- Overflow emergency shutdown

Heat generation occurs through the combustion of gas produced by the oil heated to high temperature. At the moment of connecting it to the power network, the device is in the standby phase (**Stop**) - no heat is generated, the fan and the pump do not operate. The diode **STANDBY** lights on the controller in this time. Pressing the button **Start** causes the diode **OPERATION** to light up and the stove to go into the **firing up** phase. During this phase, the diode **OPERATION** is blinking. When the furnace has heated up to ca. 40°C, contact shorting of the control thermostat located next to the combustion chamber occurs and the oil feeding pump and the downcast ventilator start to operate. On the controller, the diode **PUMP** lights up, which will blink for 30 minutes, and the diode **OPERATION** stops blinking and starts to light constantly. Due to decreased oil demand by a not heated furnace, after the start-up of the pump and the fan, the device will operate on minimal power for

15 minutes. During this time, the pump feeds the furnace with ca. 1,5 l/h of oil.

After 30 minutes of constant operation, the diode **PUMP** will stop blinking. The device power may now be regulated with the knob on the control panel. During maximum power operation, the furnace is fed with ca. 2.9 l/h of oil.

### Automatic stove shutdown may occur in the following cases:

- combustion chamber overheating
- overflow

The **overflow** signal is generated by the bimetallic sensor located near the fan. The contact opening signals that the threshold temperature value has been exceeded. The control system switches the pump off, overheating is signalled by the blinking red diode **OVERHEATING** on the control panel. Additionally, a sound signal is made. The heater fans operate until the furnace temperature falls below 35°C. When this happens, the stove comes back to the **Stop** phase.

After the device has moved to the **Stop** phase (and even after disconnecting and reconnecting the power supply) the overheating signal does not go out. This enables the user to determine the cause for the stove shutdown. In order to switch the overheating signal off and bring the device to normal operation, wait until the stove has cooled down (i.e. the fan has switched off) and press the button on the casing of the bimetallic sensor. Then, press the **Stop** button, which will cause the heating diode and the sound signal to turn off. The stove may now be switched on again.

The **overflow** signal is generated by the micro-switch located under the overflow tank. The contact opening signals that the tank has overflowed. The control system switches the pump off, overflowing is signalled by the blinking red diode **OVERHEATING** on the control panel. Additionally, a sound signal is made. The heater fans operate until the furnace temperature falls below 35°C. When this happens, the stove comes back to the **Stop** phase.

Empty the overflow tank and press the **Stop** button, which will cause the heating diode and the sound signal to turn off. The stove may now be switched on again.

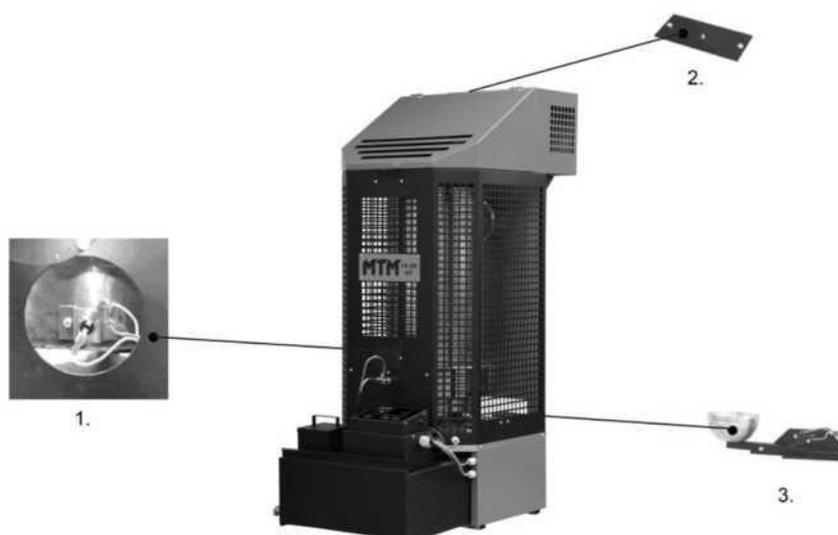


Fig. 5. The distribution of the heater safety components:

1. Termostat next to the combustion chamber,
2. Overheating protection,
3. Overflowing protection.

### MARKINGS ON THE MTM 15-35GT HEATER

[STB THERMOSTAT]  
[FUEL INLET]

[CAUTION! HIGH TEMPERATURE!]  
[DO NOT TOUCH THE FUEL OUTLET  
AND THE STACK! RISK OF BURN!]



## 9. The heater operation

### **CAUTION!!!**

**OIL MUST NOT BE POURED INTO THE FUEL TANK WHILE THE DEVICE IS OPERATING.  
OIL MUST NOT BE POURED INTO THE FURNACE AND IT MUST NOT BE FIRED UP IF  
THE  
FURNACE CHAMBER OR BOWL ARE STILL HOT!!!  
ALWAYS WAIT UNTIL THE BURNER PLATE HAS COOLED DOWN ENTIRELY. FAILING  
TO FOLLOW THE ABOVE INSTRUCTIONS MAY RESULT IN AN UNCONTROLLED  
IGNITION OF OIL FUMES AND SCALDING!!!  
IT MAY ALSO CAUSE DESTRUCTION OF THE FURNACE BOWL.**

### Switching the device on

While starting the device, the user may stand on the left or right side or in front of the device. Caution is advised so that the flap of the device does not slam the hands. Therefore, the user must not perform any actions intended to start the device when they are behind it.

After start-up, the heater enters proper phases of operation depending on the settings provided by the user and information fed by the sensors in the control system.

- remove water from the fuel tank and fill it with oil (e.g. used oil) if necessary,
- check whether the overflow protection mechanism works properly by pushing the bowl lever down and letting it come back to its original position, which will be confirmed by the characteristic "click" sound,
- check whether the feeding pipe (burner) of the device is maximally pushed to the device housing (if not, push it),
- insert the power plug in the power socket (230V / 50Hz) - the diode **STANDBY** lights up,
- draw the top part of the heater housing aside and remove the combustion chamber cover, if necessary, thoroughly clean the combustion bowl, the base which it is placed on and the entire combustion chamber,
- check whether the furnace bowl is cool and clean and pour ca. 250 ml of fuel or diesel oil,
- fire the oil up using paper crumbled into a ball - set it on fire and throw onto the furnace bowl,
- replace the combustion chamber cover and close the top housing part of the heater,
- press the **Start** button on the control panel (the diode **OPERATION** will start to blink),
- after about 10-15 minutes, depending on the room temperature, the fuel pump and the fan will activate and the stove will start to operate on the minimal power, regardless of the position of the power regulating knob (15 kW; combustion at ca. 1.5 l/h). After 15 minutes, it will be possible to regulate the device power with the regulating knob. If the knob, at start-up, was in another position than **minimum**, the device will automatically start operating with the power set by the regulating knob position after 15 minutes.

***Each pressing of the Stop button and restarting with the Start button during its operation time will cause the stove to reenter the firing up phase.***

### Switching the device off

The heater is switched off by pressing the **Stop** button on the control panel, which switches off the fuel pump. The heater fan operates until the furnace temperature drops below 35°C (**Damping**). When this happens, the stove comes back to the **Stop** phase.

**The device must not be disconnected from the power supply during the fan operation - wait until the stove has cooled down. The stove switches off automatically. Please note that after the device has switched off, the cast iron bowl maintains a higher temperature for some time (depending on the ambient temperature) and stove cannot be fired up again until it cools down!**

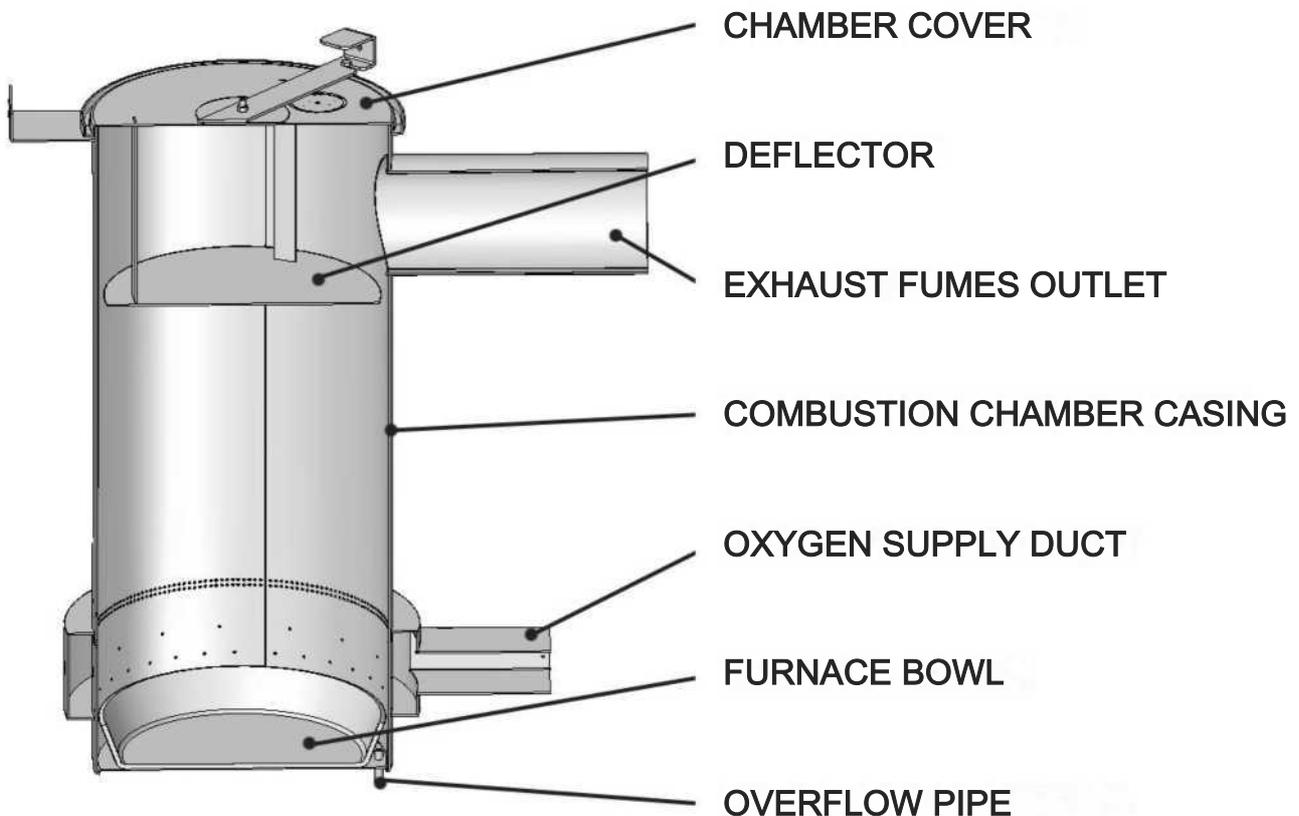


Fig. 6. Combustion chamber

### **Maintenance**

The heater requires little maintenance activity. Following the producer's indications in this area will ensure safe and failure-free operation of the device:

- clean the furnace bowl and other combustion chamber elements every day before firing up. The maximal device operation time without cleaning the bowl is about 7-12 hours (depending on the employed oil intended for combustion),
- check the permeability of the overflow pipe (the pipe in the lower part of the combustion chamber, directly over the overflow bowl), clean if necessary.
- clean the combustion chamber base (the element under the furnace bowl) at least once a week,
- check whether the air inlet openings in the lower part of the combustion chamber are not blocked,
- clean the rubber duct feeding oil onto the furnace bowl at least once a week,
- clean the fuel tank and oil pump filter during the heating season,
- if the stove is going to be off for a longer time, carefully clean the combustion chamber and the furnace bowl and protect them against corrosion by coating them with a thin layer of oil.

**IT IS ADVISED TO CONDUCT SEASONAL INSPECTIONS  
IN AN AUTHORISED SERVICE CENTRE**

## **10. What to do if the device fails**

In the case of the device failure, the following list may help to determine its location. Generally, its removal is fairly easy. The possible problems are listed below. The numbers indicate possible causes for failure. The order of the numbers shows the probability of a given failure occurrence.

### **NOTE:**

**Prior to performing any maintenance or repair activity of the device, disconnect its power plug from the power socket.**

#### **FAULT**

The pump does not start and the operation indicating lamp does not light up.  
 The fire goes out and the pump still does not operate.  
 The combustion chamber rumbles.  
 Soot appears in the combustion chamber and the stack.  
 Unburnt oil remains on the furnace bowl.

#### **CAUSE**

6-3-7  
 2-5-9-10-12  
 10-11-12  
 8-9-10-11-12  
 8-9-11-12

<b>No.</b>	<b>CAUSE</b>	<b>SOLUTION</b>
<b>1</b>	No power supply.	<ul style="list-style-type: none"> <li>• Check if the plug is in the socket and check the fuses.</li> </ul>
<b>2</b>	Water or deposit in the tank.	<ul style="list-style-type: none"> <li>• Clean the tank and filter.</li> </ul>
<b>3</b>	The pump motor does not turn on.	<ul style="list-style-type: none"> <li>• Check STB and overflow protection.</li> </ul>
<b>4</b>	The motor and pump do not operate.	<ul style="list-style-type: none"> <li>• The fuel is too thick or too cold. Dilute with diesel oil.</li> <li>• Check the pump control thermostat and replace it if needed.</li> <li>• Check the motor and see if the pump is not soiled on the inside.</li> <li>• Check STB and overflow protection.</li> </ul>
<b>5</b>	The fuel duct is obstructed, oil returns to the tank through the primary duct.	<ul style="list-style-type: none"> <li>• Clean the fuel duct and replace it if needed.</li> </ul>
<b>6</b>	The pump operation control thermostat has not reached proper temperature.	<ul style="list-style-type: none"> <li>• Wait until the furnace cools down and restart it.</li> <li>• Replace the thermostat.</li> </ul>
<b>7</b>	The overflow protection is full.	<ul style="list-style-type: none"> <li>• Clean it.</li> </ul>
<b>8</b>	The safety thermostat (STB) does not operate properly or at all.	<ul style="list-style-type: none"> <li>• Reset the thermostat by pressing it.</li> <li>• Replace it.</li> </ul>
<b>9</b>	Insufficient combustion air supply.	<ul style="list-style-type: none"> <li>• Clean the furnace chamber openings.</li> <li>• Check proper operation of the fan.</li> </ul>
<b>10</b>	Improper draught.	<ul style="list-style-type: none"> <li>• Check if the stack pipe is mounted according to recommendations entitled: "Stack duct installation".</li> <li>• Check tightness of the stack system.</li> <li>• Clean if necessary.</li> </ul>
<b>11</b>	The stack draught is too strong or alternates too much.	<ul style="list-style-type: none"> <li>• Install the draught stabiliser and adjust it to min. 2 mm W.C. (19.6 Pa).</li> </ul>
<b>12</b>	The stack draught is too weak.	<ul style="list-style-type: none"> <li>• Check all connections.</li> <li>• Decrease the number of bends.                             <ul style="list-style-type: none"> <li>• Extend the stack.</li> </ul> </li> <li>• Insulate the stack pipe outside the building.</li> <li>• Review all information regarding the stack duct in the Manual.</li> </ul>

## MTM 15-35 GT PARTS LIST

- 1535.001 - MAIN FAN
- 1535.002 - BLOW FLAP
- 1535.003 - ELECTRICAL CABLE WITH PLUG
- 1535.004 - COMBUSTION CHAMBER CASING
- 1535.005 - CONTROL THERMOSTAT GUARD
- 1535.006 - COMBUSTION CHAMBER
- 1535.007 - CONTROL PANEL
- 1535.008 - CONTROLLER CASING
- 1535.009 - CONTROL THERMOSTAT WITH HANDLE
- 1535.010 - MOTOR CASING
- 1535.011 - OIL INLET FLAP
- 1535.012 - OIL INLET FILTER
- 1535.013 - OIL PUMP MOTOR
- 1535.014 - OIL PUMP MOTOR SUPPORT
- 1535.015 - FUEL TANK DRAIN VALVE
- 1535.016 - FUEL TANK
- 1535.017 - FEEDING T-CONNECTION (FEEDING PIPE + RETURNING PIPE + T-CONNECTION)
- 1535.018 - FUEL PUMP DRIVING SHAFT
- 1535.019 - FUEL PUMP
- 1535.020 - FUEL PUMP FILTER
- 1535.021 - FEEDING PIPE WITH PIPE UNION
- 1535.022 - TANK GUIDES
- 1535.023 - TANK CASING DEFLECTOR
- 1535.024 - TANK GUARD
- 1535.025 - COMBUSTION CHAMBER BASE
- 1535.026 - OVERFLOW BOWL
- 1535.027 - CAST IRON BOWL OF THE COMBUSTION CHAMBER
- 1535.028 - TANK CASING
- 1535.029 - OVERFLOW MICRO-SWITCH
- 1535.030 - HANDLE OF MICRO-SWITCH AND OVERFLOW BOWL
- 1535.031 - LEGS OF THE DEVICE
- 1535.032 - FAN SUPPLYING OXYGEN TO COMBUSTION CHAMBER
- 1535.033 - COMBUSTION CHAMBER COVER
- 1535.034 - STACK DRAUGHT REGULATOR
- 1535.035 - REAR COMBUSTION CHAMBER GUARD
- 1535.036 - MAIN FAN CASING
- 1535.037 - FAN GUARD
- 1535.038 - STB THERMOSTAT
- 1535.039 - STB THERMOSTAT GUARD
- 1535.040 - CONTROLLER ELECTRONIC PLATE
- 1535.041 - COMBUSTION CHAMBER CLEANING SPATULA
- 1535.042 - SMALL PASS
- 1535.043 - BIG PASS
- 1535.044 - FIREPROOF ELECTRICAL CABLE 5X1, 2.6 m
- 1535.045 - FIREPROOF ELECTRICAL CABLE 3X1, 1.2 m
- 1535.046 - FIREPROOF ELECTRICAL CABLE 3X1, 0.9 m
- 1535.047 - RUBBER FEEDING FUEL LINE
- 1535.048 - RUBBER OVERFLOW FUEL LINE
- 1535.049 - RUBBER PUMP-FILTER FUEL LINE
- 1535.050 - OXYGEN SUPPLY FAN CASING

