



# THERMOLEV

HEATING INDUSTRY

Steel atomic unit  
with hot water  
Master Boiler series



ISO 9001:2008

5 years  
guarantee



THERMOLEV

## Atomic units Master Boiler series

Thermolev atomic units Master Boiler series are certified in accordance the European standards ISO 9001:2008 and they offer assured quality with CE approval.

Master Boiler units are the best solution for every home installation because of:

- the elegant design
- their small external dimensions.
- Automatic operation
- Low noise level
- Easy conservancy

and finally the support of Thermolev company for quick and prompt access to accessories.

Master Boiler units can operate with three independent ways :

- for heating
- hot water production
- heating and hot water production at the same time

## Technical description of atomic unit Master Boiler series

- manufactured from steel type ST 37-2 and DIN 17100.
- The entire Master Boiler series are equipped with an interior heating alternator for the production of usable hot water.
- They have circular flaming chamber and cylindrical cut for the excellent combustion completion and transmission of heat.
- their types (tubo) from pipe with the addition of special fuel turbines, which are stainless for the attainment of larger transmission and absorption of heating.

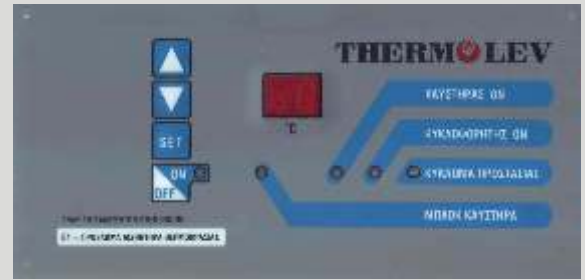
## Advantages of atomic unit Master Boiler series

- Multiple self-protection of the boiler:
  - Double safety valve for avoiding over-heating - Circulator protection system
  - Protection system against frost -Averting steam-pressure system
- Noiseless operation
- Friendly with the environment because of the Low consumption fuel and low fuel emissio
- High construction quality guarantee long life of the product.



## Master Boiler control panel

- Digital control and operation table
- General switch On/Off
- Programming switch
- LED view for the operation of the boiler (On/Off, circulator, burner, circuit safety, burner's block)
- Two independent temperatures for circulator control.



Master Boiler are delivered with:

- Electronic control and operation table
- Restrictors INOX (stainless)
- Conventional burner press
- Circulator
- Embody heat exchanger(boiler) with produces hot water
- Siemens thermostat with two commands
- Set inox of exhaust, contraction and flue. Use of this set is optional as it is necessary only in cases where a simply flue can not operate.

For the best operation of the Master boiler must be placed:

- Close expansion vessel on the heating circuit
- Close expansion vessel on the usable hot water circuit

Master Boiler atomic unit can be delivered without burner, circulator in case you want to place other certified products of your choice.



Thermostat

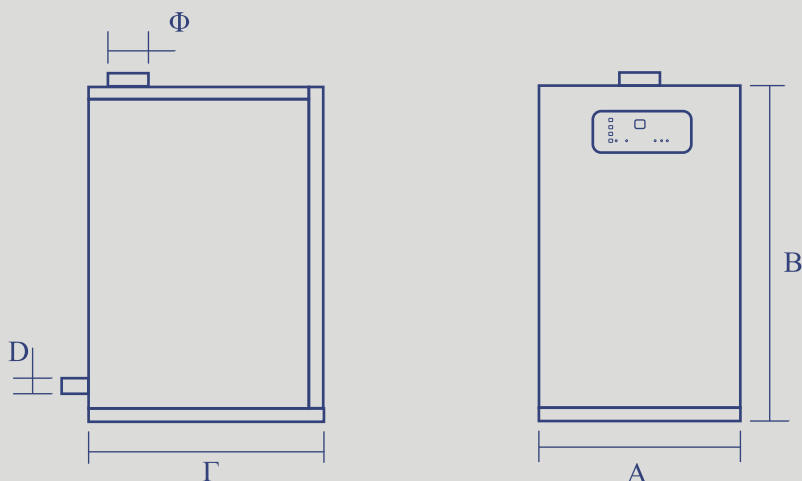


Set of exhaust,  
contraction and  
flue(optional)



Restrictors  
(inox)  
Master Boiler

## Technical characteristics and external dimensions



Type	Output [kcal/h]	Output [kw]	A [mm]	[mm]	[mm]	[mm]	D [in]
MB 25	25500	29,5	420	930	620	102	1
MB 40	40000	46,3	500	954	715	102	1 1/4
MB 50	50000	57,9	500	954	715	102	1 1/4

Type	Burners power output [watt]	Circulator power output [watt]	Hot water production ( :40 C) [ lt/h ]	Pressure comb. Chamber [mbar]	.work. pressure [bar]	Weight [kgr]
MB 25	90	35-45-50	700	0,25	3	120
MB 40	90	35-65-90	750	0,25	3	135
50	90	35-65-90	800	0,25	3	160



Vertical cut  
Master Boiler



- elegant
- noiseless
- automatic operation
- quick heating
- plenty usable hot water
- low operation cost
- friendly with the environmetn