

HEATING INSTALLATIONS

● PELLET BOILERS **GSL PEL** CE

The automatic pellet boilers "**GSL PEL**", complete with pellet burner „**MEGATHERM**", are designed for operation with 6-8mm pellets. They are intended for heating residential, administrative and industrial buildings.

The set includes:

- boiler
- burner with connection flange
- temperature sensor and feeder
- option – pellet silo



The "**GSL PEL**" boilers have steel body, combustion chamber with reversed type flame, they are compact in size and complete with high efficient heat exchanger.

The construction of the boiler, dimensions of the combustion chamber, the diameter and placement of the smoke tubes are designed to take into consideration the intended use of the unit, when operating with pellets and provide long operational life with maximum efficiency and minimum amount of ash residue in the pipes.

The front door is attached through solid hinges and tightening lock in-place screw with fireproof handles, that allow you to easily open the door together with the pellet burner.

The cleaning should be conducted every 3 to 6 days, depending on the quality and ash content in the pellets. The ashtray at the bottom of the combustion chamber is equipped with convenient handle for clearing.

„Megatherm“ pellet burners are designed with gravity operated pellet feeding that ensures even distribution of the pellets in the combustion zone, breaking up of the accumulated ash and soot, precise control of the burning process through a photosensor.

„Megatherm“ burners are complete with **simplified and user friendly digital control panel**.

The cleaning, maintenance and service of the burner is extremely easy. The product has high efficiency of the combustion process and very low maintenance cost.

Type boiler	Power kW	Pellet burner	Dimensions W. x D. x H. cm	Weight kg	Inlet/ outlet water - Ø	Flue Ø mm
GSL 30 PEL	35	NANI 35	64x94x90	230	1 1/4"	150
GSL 40 PEL	50	Essential 50	64x104x90	252	1 1/4"	150
GSL 40 PEL	50	MPB 60	64x104x90	252	1 1/2"	150
GSL 50 PEL	60	MPB 60	64x114x90	274	1 1/2"	150
GSL 60 PEL	70	MPB 80	73x105x110	356	1 1/2"	180
GSL 80 PEL	80	MPB 80	73x125x110	416	1 1/2"	180
GSL 80 PEL	90	MPB 90 Pro	73x125x110	416	2"	180
GSL 100 PEL	120	MPB 150 Pro	73x145x110	458	2"	180

The burners are designed to operate with separate control panel, that can be mounted on the boiler or the wall.

As an option we can complete the set with regular or wireless room thermostat with weekly programmable function that will control the operation of the burner depending on the room temperature or the preset week program.



Pellet burner type	Power kW	Nel. of the igniter W/230V	Average energy consumption	Nel V/Hz
NANI 35	10-35	300	30-40	230/50
MPB 80	40-80	300	40-50	230/50
MPB 90 Pro	40-90	300	70-80	230/50
MPB 150 Pro	80-150	300	70-80	230/50

Trust the experience and professionalism of our experts and "LAKAL" will take care of your comfort!

Stores: PLOVDIV 4004; 136, N.Vaptsarov Blvd., +359/ 32-673-020
VARNA 9000; 60A, Gen. Kolev Str., +359/ 52-607-176
V. TARNOVO 5000; 1, Poltava Str., +359/ 62-638-995

Head office: BULGARIA, Plovdiv 4004, 136, N. Vaptsarov Blvd.
+359/ 32-673-010 tel.
+359/ 32-676-006 tel.
+359/ 32-672-900 fax
e-mail: office@lakal-bg.com, www.lakal-bg.com