



# MEGATHERM

PELLET HEATING EXPERTS

## wood pellet burners products catalogue



[www.megatherm.gr](http://www.megatherm.gr)



# MEGATHERM

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PELLET HEATING EXPERTS

For **40 years we are creating warm and comfortable spaces** by producing efficient and innovative pellet heating systems and greenhouse equipment and providing professional services to our partners.

Our **pellet burners from 10kW to 450kW** will bring efficient warmth in any type of building or application.

**We are pellet heating experts who care about the comfort of our partners and for the wellbeing of our planet.** All our products are developed and built for **savings and sustainability**; they are **safe and easy to use**, besides being **reliable and durable**.

Thanks to the network of our partners, we installed **over 10.000 pellet burners** who are bringing warmth to residential and business spaces **in 27 countries on 4 continents**.

To our partners we provide **reliable products** which will satisfy all their needs and their customers' needs for excellent products **at a fair price**. Strategic partnerships and long-term cooperation are our imperatives and our flexibility in products customizations are making **win-win for all**.

One of key resource of our services are **professional trainings** for installers and servicemen in installation, maintenance, service and use of our products

## Megatherm Co.

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# OUR TECHNOLOGY

## Saves money and pellet

- High efficiency up to 97%
- Gradual increase of the power
- 3 operation modes

## Safe & reliable

- Mechanical and electrical protection against overheating and fire
- Control of the boiler/furnace temperature
- Detection of the temperature sensor malfunction

## Versatile and space saving

- Ideal for various applications
- Fits on all pellet and wood boilers
- Compact dimensions

## Eco Friendly

- Wood pellet is renewable fuel
- Emission Class 5 approved
- Low CO and NOx emissions

## Durable

- Quartz crystal igniter for faster ignition and lower maintenance cost
- High quality materials & parts assure long life
- Fire tube made from high heat resistance stainless steel

## Easy to use

- Automatic ignition
- Automatic restart after power loss
- Room thermostat connection

### NANI



10-50 kW

### PYRO



25-80 kW

### PYRO PRO



40-450 kW

# NANI

## versatile power

### DOMESTIC APPLICATION

Ideal for **private houses and small buildings** since it **fits on all pellet and wood boilers** at low installation cost.

**High efficiency of over 95%** and 3 operation modes combined with gradual increase of power guarantees **savings in money and pellet.**

Emission **Class 5 approved** with Low CO and NOx emissions makes it **Eco Friendly.**

It is **easy to use, durable** and above all **safe and reliable.**



Data	Unit	Nani 35	Nani 50
<b>Power</b>	kW	<b>10 - 35</b>	<b>10 - 50</b>
<b>Length</b>	mm	630	630
<b>Width</b>	mm	220	220
<b>Height with feeding pipe</b>	mm	400	485
<b>Height without feeding pipe</b>	mm	220	225
<b>Fire tube diameter</b>	mm	Ø 137	Ø 158
<b>Power supply</b>	V/Hz	230 / 50	230 / 50
<b>Igniter's power</b>	W	350	350
<b>Power consumption</b>	W	30 - 40	30 - 40
<b>Fuel (wood pellet)</b>		Class A (Ø6-8mm, L <sub>max</sub> =30mm)	
<b>Weight</b>	kg	14	17
<b>Screw feeder length</b>	m	1,5	1,5

# PYRO

efficient power

## COMMERCIAL APPLICATION

Ideal for **medium size private houses, for small & medium buildings, bakery ovens, driers, etc...**

**High efficiency of over 97%** and 3 operation modes combined with gradual increase of power guarantees **savings in money and pellet.**

Double wall fire tube (tube-in-tube) made by **high heat resistance stainless steel** makes the burner ideal for **commercial applications.**

**Low installation and maintenance cost.**



Data	Unit	Pyro 60	Pyro 80
Power	kW	25 - 60	40 - 80
Length	mm	565	610
Width	mm	270	270
Height with feeding pipe	mm	565	565
Height without feeding pipe	mm	280	280
Fire tube diameter	mm	Ø 180	Ø 180
Power supply	V/Hz	230 / 50	230 / 50
Igniter's power	W	350	350
Power consumption	W	40 - 50	40 - 70
Fuel (wood pellet)		Class A (Ø6-8mm, L <sub>max</sub> =30mm)	
Weight	kg	20	23
Screw feeder length	m	1,5	1,5

# PYRO PRO

professional power



**INDUSTRIAL APPLICATION**

**Provides high performance** when applied on steam boilers, space heaters (hot air generators), industrial water boilers, bakery ovens, drying machines, stables, greenhouses, car paint shops, etc...

Double wall fire tube (tube-in-tube) made of **high heat resistance stainless steel** provides extreme durability.

High **efficiency of over 95%** and 3 operation modes combined with gradual increase of power guarantees **savings in money and pellet.**

**Self cleaning system** reduces the **maintenance cost.**



Data	Unit	Pyro 90 Pro	Pyro 150 Pro	Pyro 250 Pro	Pyro 450 Pro
<b>Power</b>	kW	<b>40 - 90</b>	<b>70 - 150</b>	<b>100 - 250</b>	<b>100 - 450</b>
<b>Length</b>	mm	745	815	835	1100
<b>Width</b>	mm	270	360	425	565
<b>Height with feeding pipe</b>	mm	360	540	540	610
<b>Height without feeding pipe</b>	mm	290	420	420	570
<b>Fire tube diameter</b>	mm	Ø 180	Ø 204	Ø 254	Ø 400
<b>Power supply</b>	V/Hz	230 / 50	230 / 50	230 / 50	230 / 50
<b>Igniter's power</b>	W	350	350	350	2 x 350
<b>Power consumption</b>	W	50 - 60	60 - 70	70-80	180-200
<b>Fuel (wood pellet)</b>		Class A (Ø6-8mm, L <sub>max</sub> =30mm)			
<b>Weight</b>	kg	30	45	53	120
<b>Screw feeder length</b>	m	1,5	2,0	2,0	2,0





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