

wood pellet burners products catalogue





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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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







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

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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 _{max} =30mm)					
Weight	kg	20	23				
Screw feeder length	m	1,5	1,5				

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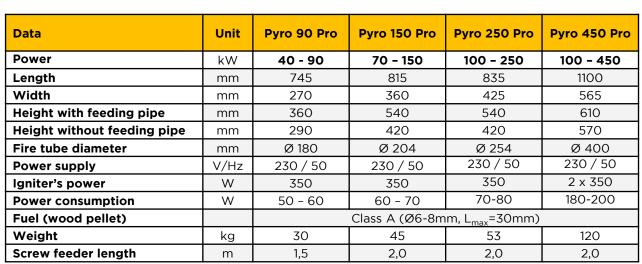


Provides high performance when applied on steam boilers, space heaters (hot air generators), industrial water boilers, bakery ovens, drying machines, stables, greenhouses, car paint shops, etc...

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**.

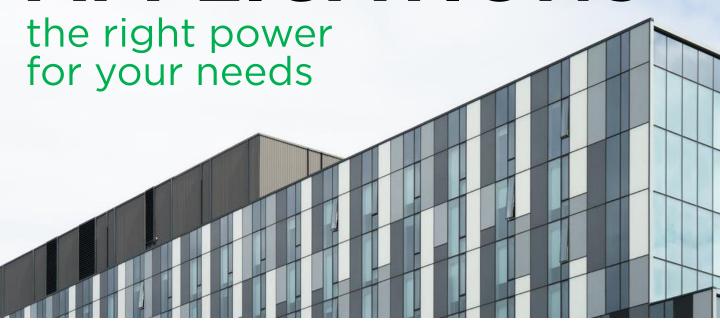
Self cleaning system reduces the maintenance cost.



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APPLICATIONS



Our wide range of pellet burners will satisfy numerous facilities' needs for efficient and reliable heat regardless if they are private houses, small & medium buildings, commercial or industrial buildings.

Megatherm pellet burners are **suitable for all wood boilers** where they provide highest level of comfort and reliability coupled with ease of use. They can also be fitted on **all pellet boilers, most oil boilers, space heaters and even steam boilers**.

Commercial and industrial applications are various - from bakery ovens, stables, greenhouses, tobacco and fruit dryers to paint shops and many more.

TYPE		APPLICATION TYPE												
Nani 35		DOMESTIC AI		PPLICA	TION									
Nani 50	muns	DOMESTIC APPLICATION				N								
Pyro 60		СОММЕ				ERCIAL								
Pyro 80	nanny neanny		COMMERCIAL											
Pyro 90 Pro						COMMERCIAL & INDUSTRIAL								
Pyro 150 Pro									СОММ	OMMERCIAL & INDUSTRIAL				
Pyro 250 Pro	minu										INDUSTRIAL		AL	
Pyro 450 Pro											INDUSTRIAL			
	POWER (kW)	10	20	30	40	50	60	70	80	90	100	150	250	450



