

Pelltech PV 100/180

Pelltech Public range burners are fully compatible with oil and steam boilers, baking ovens, driers and other similar systems that require cost effective and sustainable heating solutions.

The burners are **self cleaning** with automated ash removal system. Installation and setup of Pelltech burners is simple and straightforward. Once up and running, our burners require very little maintenance thanks to **fully automated control system**.

All products have been engineered and tested in accordance with European safety standards.

ADVANTAGES

- Burner can be controlled online
- Fast ignition with ceramic igniter
- Fuel level control
- Intelligent power modulation
- User friendly interface
- Low emissions
- Multiple operation modes
- Low power consumption
- Backup battery
- Fan speed control
- Dosing with internal auger
- Programmable relay output
- Draught control
- Automatic ash removal
- Replaceable burning chamber components
- Thermal shock resistant ceramic tiles



Pelltech OÜ is a company specialised in development, manufacture and sale of pellet burners and boilers. Founded in 2006 by two pioneers in the field of renewable energy, Pelltech has become the largest and most acknowledged pellet burning equipment firm in the Baltics.



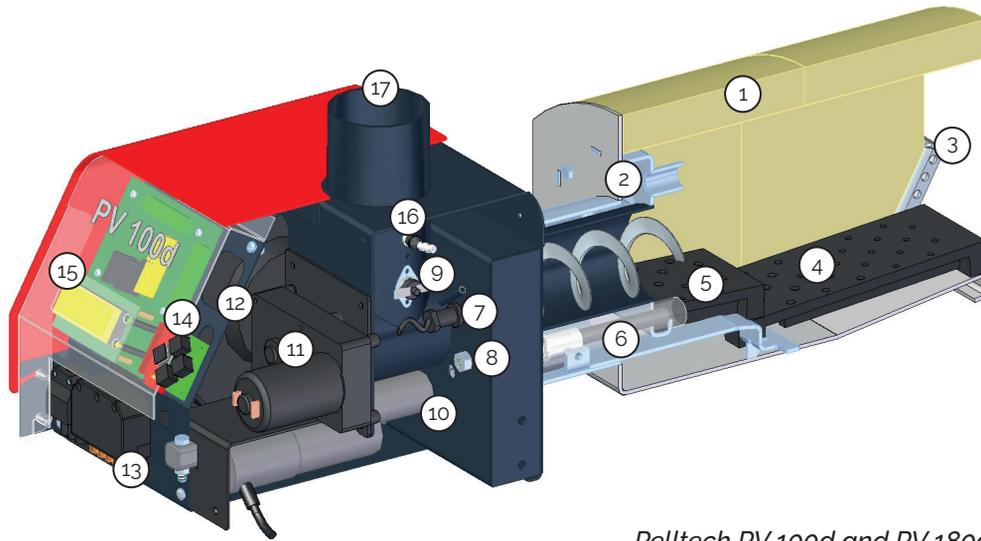
PUBLIC

Medium and large properties such as spas, schools, gyms and care homes



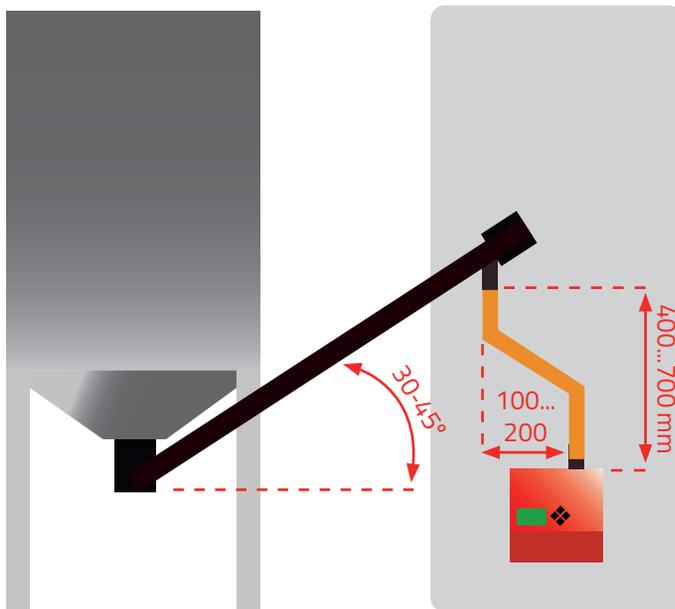
pelltech
BURNERS

Pelltech PV 100/180



Pelltech PV 100d and PV 180d

- | | | |
|----------------------------|--------------------------|-----------------------|
| 1. Ceramic burning chamber | 7. Flame sensor | 13. Mains supply |
| 2. Secondary air holes | 8. Burner connecting nut | 14. Control buttons |
| 3. Tertiary air holes | 9. Safety thermostat | 15. Display |
| 4. Moving grate | 10. Grate moving motor | 16. Fuel level sensor |
| 5. Fixed grate | 11. Feed screw motor | 17. Fuel inlet |
| 6. Igniter | 12. Fan | |



		PV 100	PV 180
Fuel	mm	wood pellets 6-8 (Ø)	
Capacity	kW	26-90	40-140
Max fuel consumption	kg/h	20.8	32.5
Boiler requirements			
- min furnace diameter	mm	450	550
- min furnace length	mm	700...800	
Flue gas			
- Maximum amount (at 150°C)	m ³ /h	250	450
- Optimal O ₂ concentration		5...8 %	
- Optimal furnace negative pressure	Pa	-8	
Power supply		230 VAC	
Electrical power consumption			
- Igniting / Standby	W	340 / 7	
Overall dimensions (L/W/H)	mm	760/300/	760/310/
		285	285
Pellet inlet diameter	mm	76	
Burning chamber dimensions	mm	345/230/	345/310/
		222	242
Burner weight	kg	38	44

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