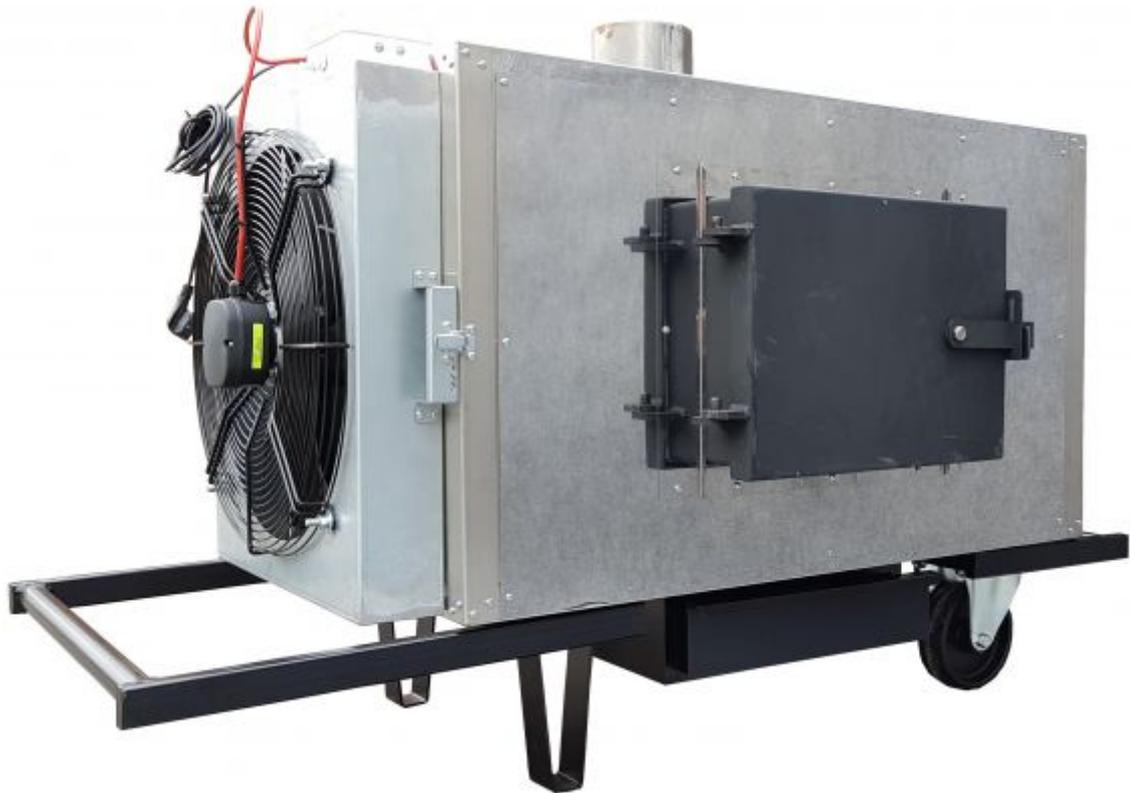


Solid Fuel Air Heater

Model: NPS 55M type



Solid fuel heater NPS 55M with a heating capacity of 55 kW, which is characterized by a simple construction and the principle of operation, while maintaining the highest quality of performance and effectiveness.



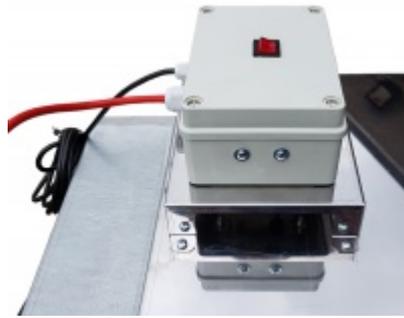
The heat needed to heat the object is obtained by means of thermal exchange between the exhaust fumes and clean air, via a heat exchanger.



In addition, hot air is distributed using an axial fan.



The heater generates heat directly into the room through a blow outlet, to which we can connect a blowpipe with the help of which we can deliver heat to the building through window openings or communication passages.



The use of a fan, the heat is distributed quickly in the room and evenly, it is not in the upper part of the room. The evacuated flue gases are led through a chimney which should be connected for the heater for proper operation and for safe use.

Operation of the device is controlled by a thermostat. At the moment of sufficient fuel ignition in the combustion chamber and obtaining the appropriate temperature, the thermostat automatically switches on the fan.



Oxygen is supplied to the combustion chamber under pressure via specially adapted aeration channels.

An undoubted advantage of the device is an easy-to-empty ash pan placed directly under the combustion chamber, which should be ejected during firing up.



After obtaining the operating temperature and turning the fan on, it is necessary to close the ash drawer.

If there is a power failure or we can not connect the device to a power source, we can use it as a radiant heater. For this purpose, the fan mounted on the hinges must be removed.

It is additionally secured with a microswitch before working when it is opened.

Technical data

Power	55 kW
Air flow	5500 m ³ /h
Fuel (without burner)	wood, coal
Fuel consumption	~15 kg/h*
Electrical power	230 V / 50 Hz
Supply Power consumption	276 W
Diameter of the chimney connection	150 mm
Dimensions (W x D x H) with head	700x1450x950 mm
Weight	140 kg

* Fuel consumption depends on its type

The advantage of the heater is its versatility - the device can be used both stationary and mobile, it is very well suited for temporary heating of small and large buildings.

The heater is ideally suited to industry (carpenters, production halls, warehouses, large spaces), agriculture (agricultural and farm buildings, greenhouses, storehouses), construction (as temporary heating systems for new facilities).

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