

Operating Instructions Firebox

Technical Data:

Voltage:	230 Volt AC, 50 Hz
Power:	1050 Watt / 1400 Watt
Pressure:	2800 Pa
Temperature:	650°C
Air volume (at 20°C):	265 ltr/min.
Protection class:	II (in isolation from protection)
Weight:	1.100kg
Dimensions (l x w x h):	335 x 85 x 85 mm
Blow off opening:	31,5mm outer
Connection pressure compensation pipe:	38 mm outer
Connecting line:	2,0 m, 3 pole, Blower and heater separately
Article number:	1050 Watt – 5200001 1400 Watt – 5200000



Connection indication

Black = Blower
Brown = Heater
Grey = Neutral conductor (N)

Installation indication:

The tool must never be squeezed at any place. Deforming of the housing parts can cause damage on the heating element, the motor or the turbine. The build-in position must be horizontal.

The pressure compensation pipe must be connected to the combustion air blower at the high-pressure side and to the **FIREBOX** at the low-pressure side. Thereby, it must be guaranteed that smoke and low-temperature carbonization gas never can flow back into the **FIREBOX**. The pressure compensation pipe connection can be left out if the same can be achieved by another method, such as an exhauster in a fireplace.

After turning off the ignition heating the ignition blower must continue to run for about 1 minute.

To obtain a soft hot air stream onto the fuel it is possible to build in a reduction to approx. 8 mm diameter into the hot air cable. Up to the air outlet the cable can again be enlarged to a bigger diameter.

The **FIREBOX** must be built in and taken in operation by a practitioner under guidance of the furnace builder.

Operating mode:

- The combustion space is filled with fuel.
- The ignition occurrence is released.
- The **FIREBOX** ignites the fuel with hot air.
- After the ignition the heating of the **FIREBOX** disconnects.
- The blower must continue to run for a minimum of 1 minute to cool down the heating element and to expedite fresh air into the combustion space.

Before working at the tool the supply voltage must be turned off!!!

Attention with hot air tools: Fire risk and combustion danger !!!