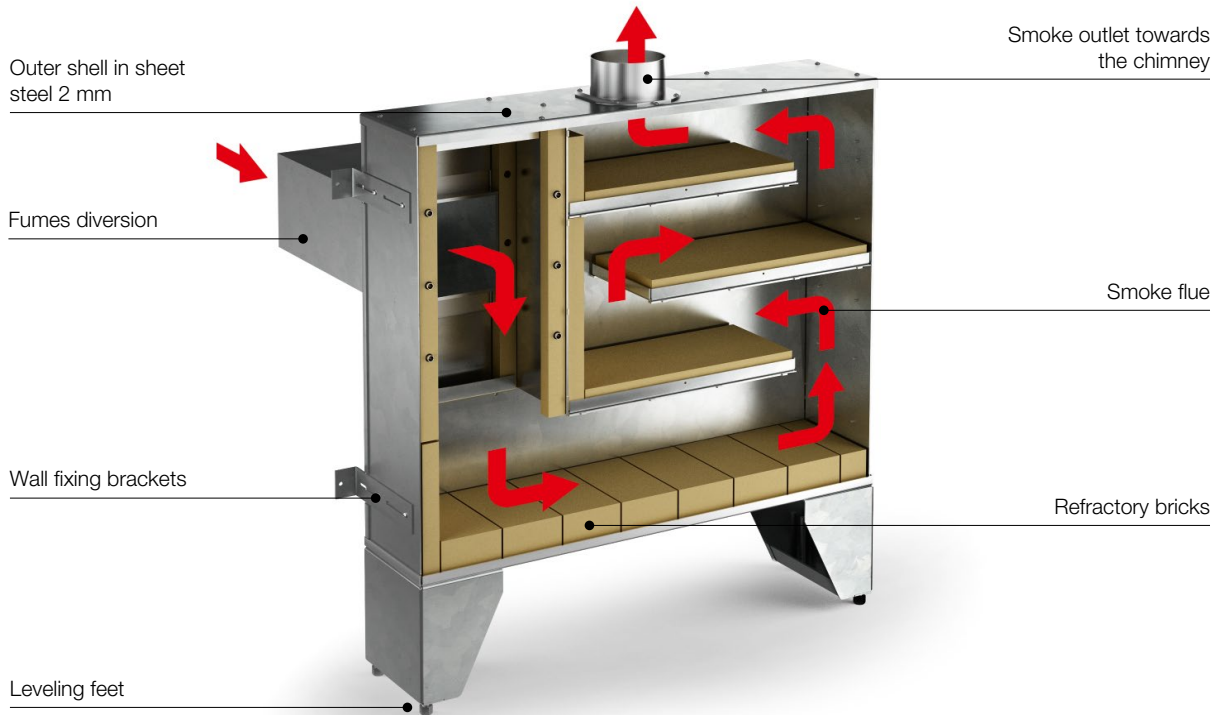
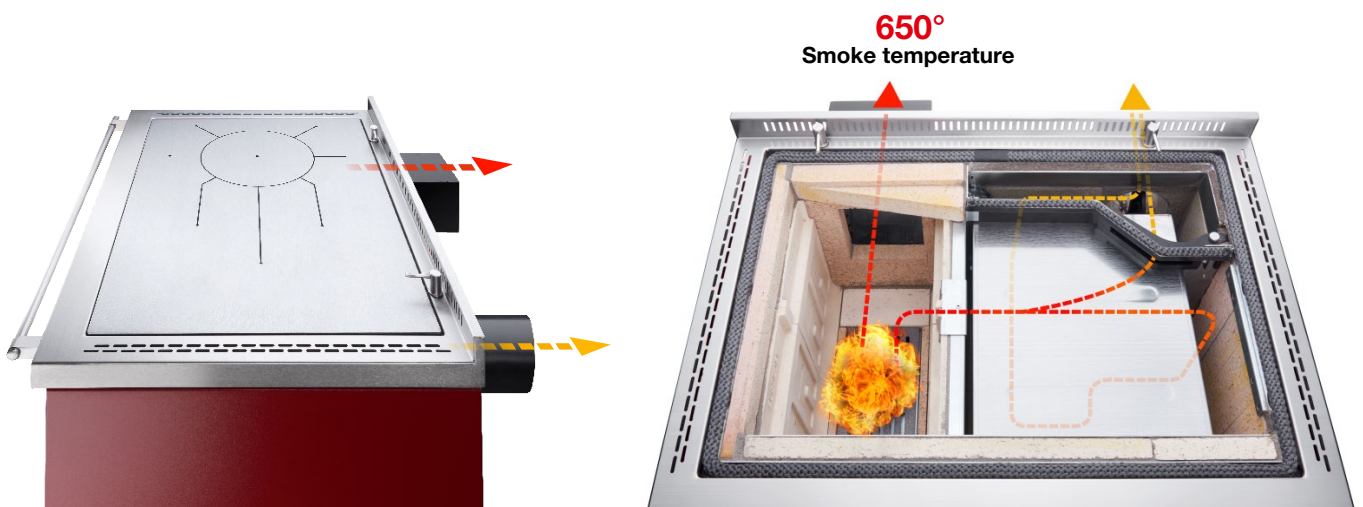


RADIANT WALL

HEATING SOLUTIONS



SMOKE DIVERSION VALVE



RADIANT WALL

HEATING SOLUTIONS

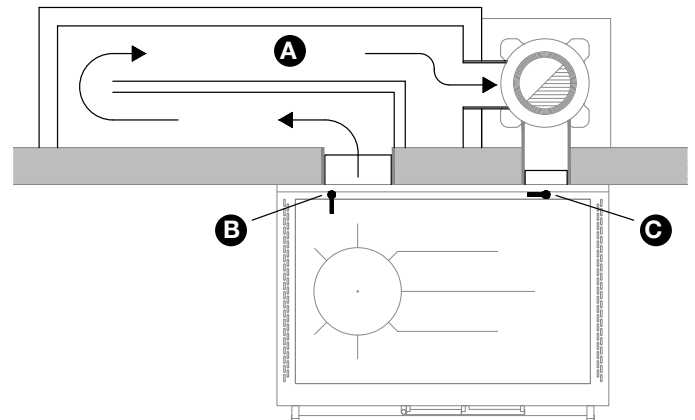


ADDITIONAL HEAT UTILIZATION BY MEANS OF AN ACCUMULATOR FOR RADIANT WALLS

The Pertinger wood and heating stoves can be fitted with a smoke diversion valve that can divert fumes from the combustion chamber to a mass heat storage with radiant walls that could be placed in the same room or in an adjacent room.

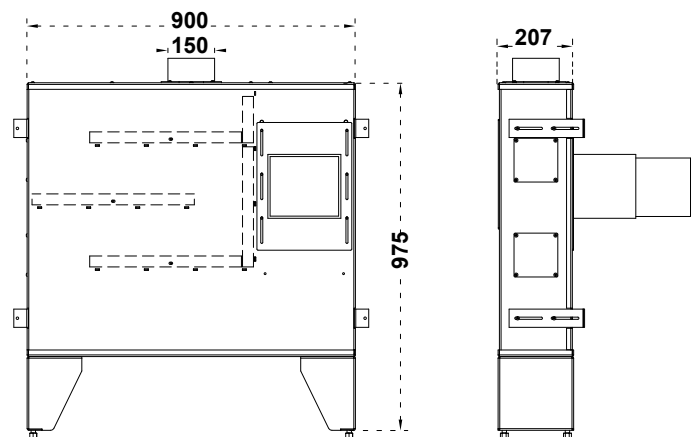
DIVERSION VALVE

The kitchen stove is connected to an accumulator (A) through a smoke diversion valve. Both this valve and that of the flue are connected to the kitchen frame by two registers: by turning counterclockwise the registers open the respective valves, by turning them clockwise they close them. The flue gas diversion valve (B) is on the side of the combustion chamber, that of the flue (C) on the side of the oven.



RADIANT WALL

To ensure proper operation of the heat radiant wall, the length of the barrel must be at least 4 meters. The combustion temperature is about 580 ° - 620 ° C. All dimensions are made to standard values, the accumulator can also be made to measure. The cleaning openings are positioned on customer request.



MODES OF OPERATION

HEATING FUNCTIONING

Fumes diversion valve: OPEN
Stack valve: CLOSED

FUNCTIONING FOR COOKING

Fumes diversion valve: CLOSED
Stack valve: OPEN

NOT ADMITTED

Fumes diversion valve: CLOSED
Stack valve: CLOSED

