



Technical information about the solar/pellet heating systems

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Pellet oven



Source: Wodtke



Pellet oven



- power up to about 11 kW
 - manual operation
- storage tank for 1 to 4 days
- low emission and high effectiveness
- manual emptying of the ash container
 - visible flame
- available with air/water-heat exchanger
 - safety device to prevent back firing

Pellet oven



Controller

Blower

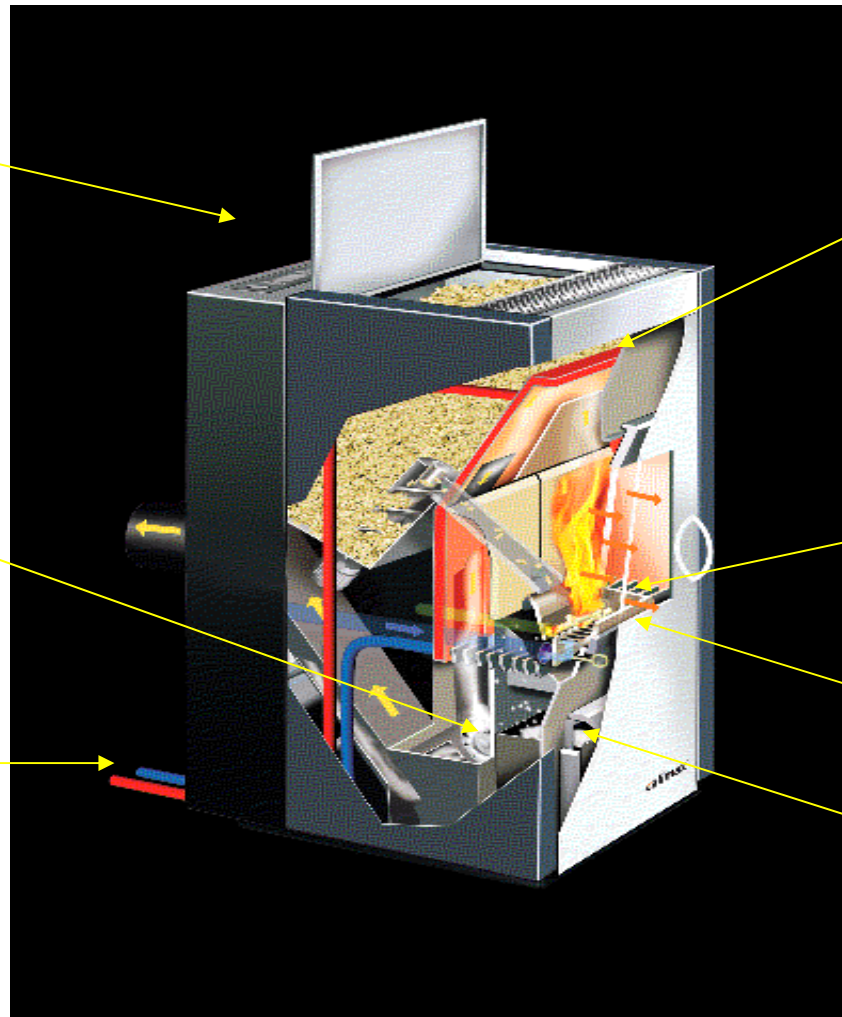
Supply/return

Heat-exchanger area

Burner pot and ignition

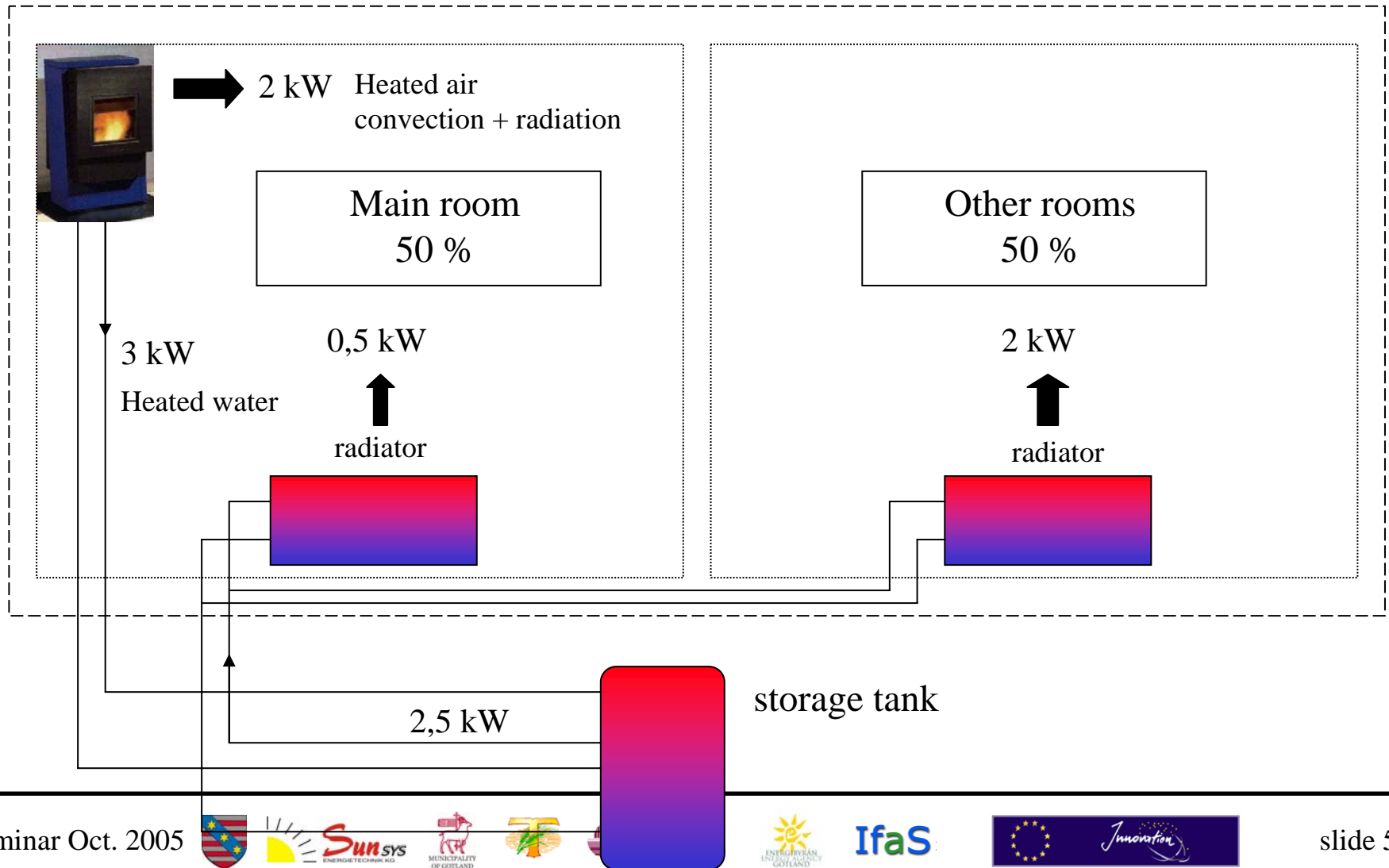
Grill cleaner

Ash box

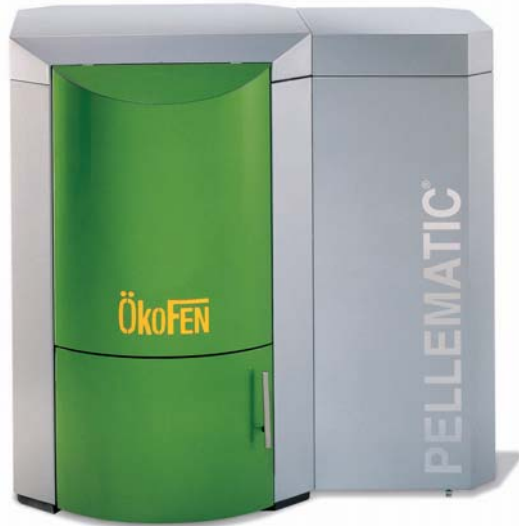


Source: CALIMAX

System integration



Pellet boiler



Pellet boiler

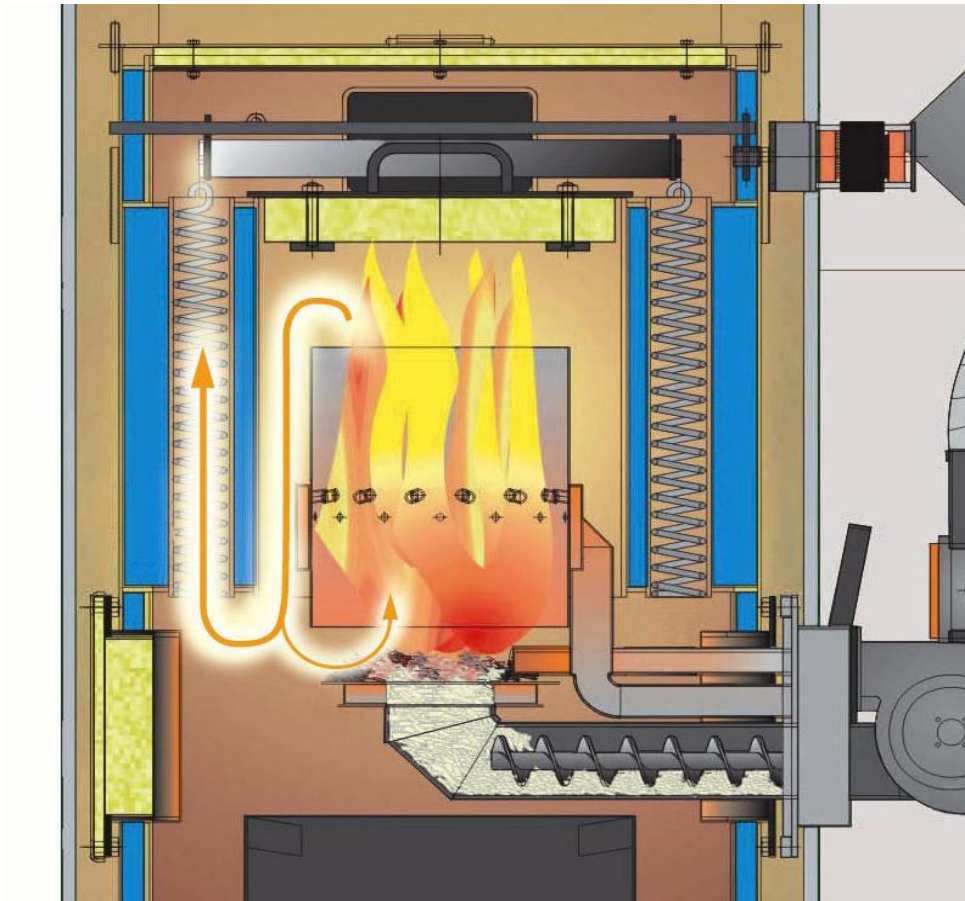


- power about 4 to 50 kW
 - modular operation
 - automatic ignition
- half automatic operation with storage tank or full automatic operation with pellet supply by vacuum- or worm gear-system
 - low emission and high effectiveness
 - manual emptying of the ash container
- heating and warmwater supply of 1- and 2-family houses
 - safety device to prevent back firing
 - storage tank is recommended

Pellet boiler



- Recirculation burner
- constant high effectiveness by automatic cleaning



Source: ÖkoFEN

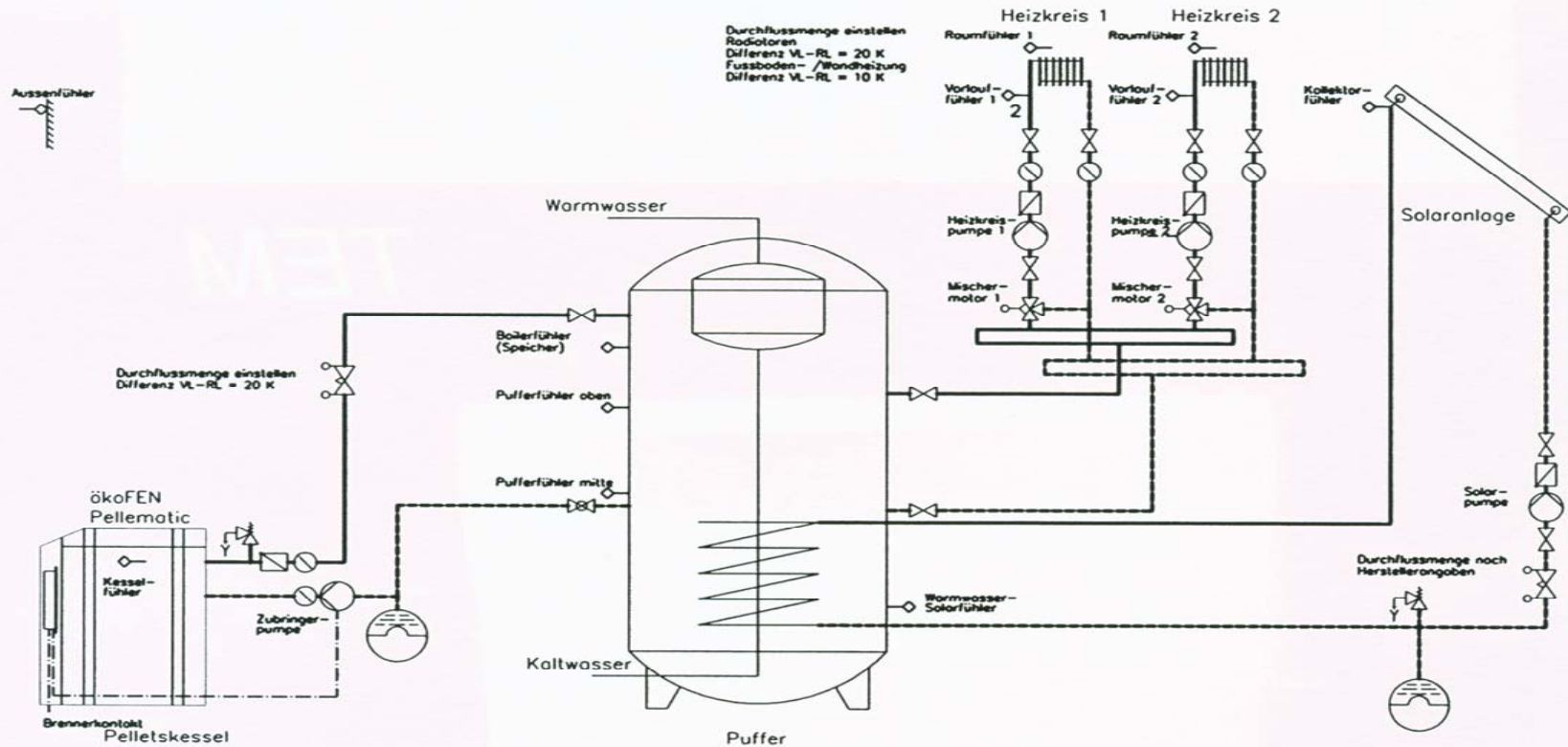
Heating scheme



Schema nach öNORM H5142 bzw. H5021
Die Darstellung ist sinnbildlich, daher kein
Anspruch auf Vollständigkeit

Die Anlage ist nach EN14336 in Betrieb
zu nehmen und hydraulisch einzuregulieren
Angegebene Temperaturdifferenzen beachten

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Mühlgasse 9, A-4132 Lembach
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1 Kessel, Kombispeicher, 2 Heizkr., Warmw., Solar

Schematische Darstellung; Die Auslegung und Einregulierung der Heizungsanlage erfolgt durch den qualifizierten Heizungsfachmann