

Electric Combination Radiators

24-hour-test

Electric Combination Radiators
with timer thermostat to reduce the temperature during the night

**Graphic representation of heating times
(day and night operation) with and without drawing of current**

- Location and time:** Limbach-Oberfrohna, February, outside temperature: - 7 °C
- Room:** sitting room, 18 m² x 2,50 m stud = space to be heated 45 m³, 2 windows, 2 outside walls, location west, 2. floor
- Room temperature:** daytime operation from 6:00 am – 22:00 pm: 21 °C, nighttime operation from 22:00 pm - 6 :00 am: 16 °C
- The heating:** Electric Combination Radiator with 2000 Watt and timer thermostat to reduce the temperature during the night
- Electric power consumption:** Daytime operation: 16 hours permanent room temperature 21 °C = heating with electric power: 4 hours, 32 minutes, electric power consumption per hour 28 %.
- Nighttime operation: 8 hours permanent room temperature 16 °C = heating with electric power: 1 hour, 20 minutes, electric power consumption per hour 17 %.

