

ELECTRIC HEATING APPARATUS



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Abstract

An electric heating apparatus, for example a fan heater, comprises at least an electric an electrical heating element (12) and a motor (14) for driving a fan. The apparatus also comprises switch means (16) arranged to provide the apparatus with two operating modes, a first mode in which the element (12) and the motor (14) are connected in parallel, and a second mode in which the element (12) and the motor (14) are connected in series. The first mode provides a relatively high heat output and/or high airflow to distribute the heat quickly. The second mode provides quieter operation at a similar or lower power level, for example to maintain a given temperature while causing less disturbance to people in vicinity of the fan heater. A further heating element (not shown) may be arranged in parallel with the motor (14) in the second mode of operation to provide a potential divider for supplying the motor.

Figure 1