

# Energoline

Electric Bench/Ceiling Heater



Energoline may be fitted underneath benches in churches, waiting rooms, halls, sports halls, spectator stands etc. When ceiling mounted it is effective up to 3 m height.

The elegant slim line heater provides a comfortable and gentle heat. It is unobtrusive and aesthetically blends in with the environment. Energoline is approved in splash-proof IP44 design for dry and wet areas.

## How Does It Work?

The EnergoLine, **EL**, is a slim line, 35 mm thick, low temperature heating panel which mainly emits radiant heat. It has been developed especially as a bench heater but can also be used as a ceiling heater.

As a **bench heater** it may be mounted underneath the benches in churches, waiting rooms, spectators stands etc. It warms the bench as well as the floor directly underneath. This heating method is very suitable in areas where large air volumes are present, which does not need to be heated.

The bench heater has a rapid heat-up time with comfortable heat directed to where you want it, with good economy and low energy consumption as a result.

As a **ceiling heater** it is suited to smaller spaces with low ceiling heights up to 3 m. It covers heat losses and draught effectively. EnergoLine provides a high thermal comfort with energy savings up to 25%, compared to a convective heating system.

The thin and elegant design blends in well with the environment. The ceiling mount frees valuable floor and wall spaces, while the heater is protected from contact and damages. An excellent choice of heating system for public areas.

## Design and Composition

EnergoLine is made of a galvanized sheet steel plate which is powder coated in white - RAL9016. The backside of the heater is insulated. The heater is designed for a long life expectancy with a robust and durable heating element.

## Technical Information

**Output:** 150W or 220W, 230V.

**Appliance and protection class:** Class I - IP44.

**Mounting height:** Up to approximately 3 m.

**Connection:** Fixed installation to a 4 mm<sup>2</sup> terminal block in the connection box. Connection between several heaters is possible.

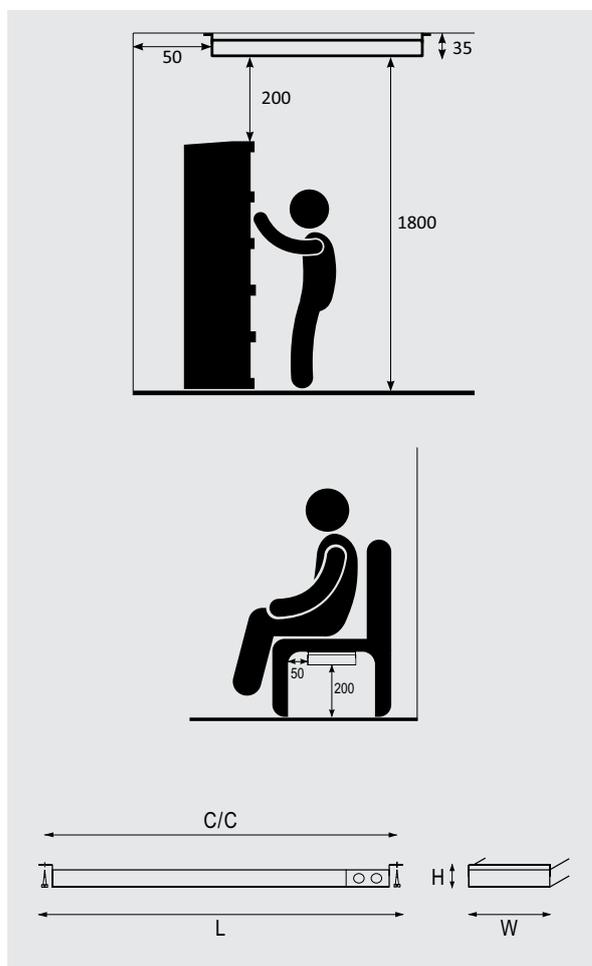
**Suspension:** EL has fixed mounting plates at each short end, and is mounted straight onto the bench or ceiling.

Type	Output 230V	mm				Kg
		L	W	H	C/C	
EL200	150W	1000	210	35	990	3.0
EL300	220W	1480	210	35	1470	4.5

Further information regarding mounting and installation can be obtained from our technical brochure. Temperature control is simply carried out with use of our room thermostats or heating regulators.



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