 800–4000 W Electrical heat

6 models



EZ Long Range Commercial Infrared Heating

Double panel Infrared radiant heater for department stores, industrial premises, village halls etc.

Application

EZ is intended for total and supplementary heating as well as protection against cold draughts from windows in environments such as, department stores, assembly halls, industrial premises etc.

Comfort

Radiant heaters give a soft, pleasant heat and individual comfort can be created with spot and zone heating. They also provide excellent protection against cold draught from windows. No moving parts mean a silent system that does not cause air movements and a hygienic indoor climate is created when the spread of dust, bacteria or odours is reduced.

Operation and economy

Radiant heaters have an easy and flexible installation and require a minimum of maintenance. Ceiling mounting leaves the walls free and increases safety. They give instant heat and the room temperature can be reduced with maintained comfort.

Design

Clean and simple design that blends well with electrical fittings.

Product specifications

Surface structure for highest efficiency

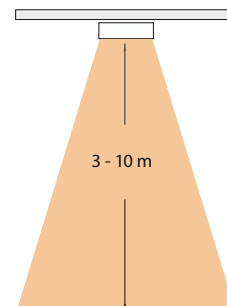
The heaters are approved for serial connection

Fixtures for easy ceiling mounting are included

Corrosion proof casing, zinc plated and powder coated

Heating panel - naturally coated anodized aluminium

Installation height





EZ is an elegant and effective solution to cold draught problems Hilton in Malmö has adopted this solution in their large glass lobby.



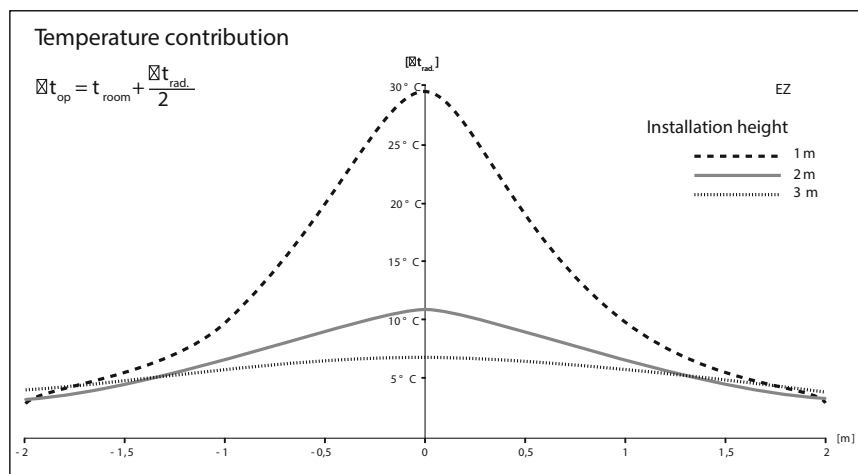
EZ is a perfect solution for heating working stations.



EZ gives instant heat and no preheating is necessary which makes it ideal for buildings that are used on an irregular basis.



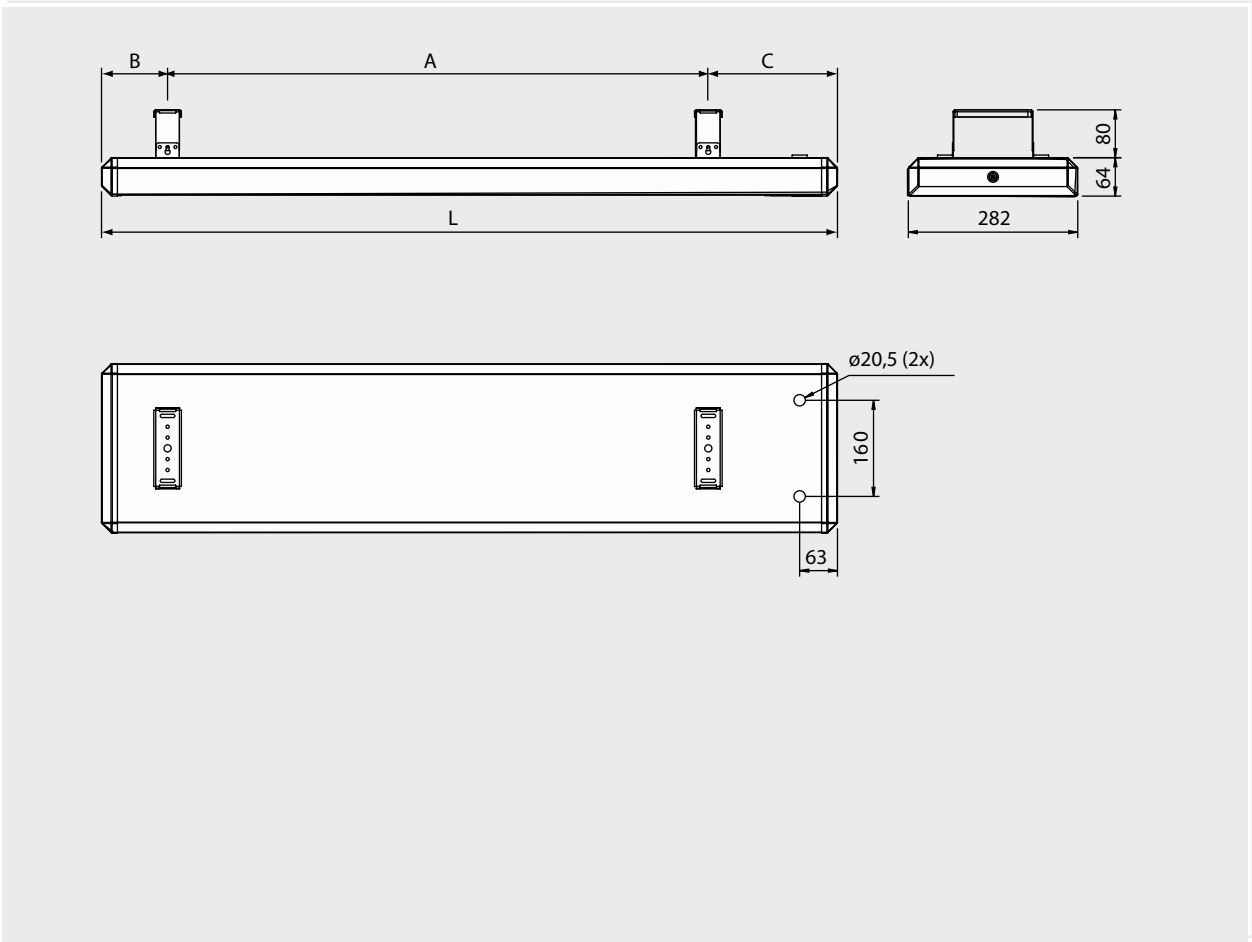
Heating with EZ is hygienic since it does not cause any air movements.



Technical specifications | EZ Infrared Heating

Type	Heat output	Voltage	Amperage	Max. element temperature	Dimensions	Weight
	[W]	[V]	[A]	[°C]	LxHxW [mm]	[kg]
EZ-800	800	230V~	3,5	340	650x50x290	4,9
EZ-1200	1200	230V~	5,2	340	960x50x290	6,8
EZ-1600	1600	230V~	7,4	340	1360x50x290	8,8
EZ-2000	2000	230V~	9,6	340	1680x50x290	10,7
EZ-3000	3000	230/400V2~	2,0	340	1680x50x430	10.7
EZ-4000	4000	230/400V2~	2,0	340	1680x50x430	10.7

Protection class EZ: (IP44), splash-proof design.
CE compliant.



Positioning, mounting and installation

Positioning

To estimate approximately how many radiant heaters are needed to cover an area the formula is:

$$\text{Min. number of heaters} = \frac{\text{Area of the premises [m}^2\text{]}}{\text{Installation height [m]} \times \text{Installation height [m]}}$$

This formula is a basic estimation of the minimum number of radiant heaters needed to maintain the comfort. To calculate the right output for each heater, the total heating requirement must be calculated, see the Technical handbook.

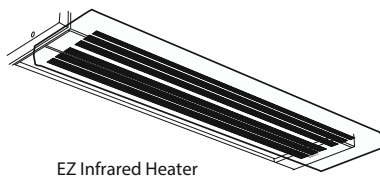
When planning an EZ installation, the distance between the heaters should not be greater than the height between heater and floor, that means (a) should be less than (H). See Fig. 1. In rooms not often used, the comfort demands are usually lower and the distance between the heaters can be increased. In rooms frequently used, the distance between a sedentary person and heater should be at least between 1.5 to 2 metres ($\approx h$). When these two guide lines are followed, the difference in operative temperature will not exceed the comfort level $\Delta t_{\text{top}} = 5^\circ\text{C}$. This means that the difference between the real temperature and the temperature that we sense, will not be more than 5°C .

Mounting

EZ is mounted on the ceiling, on armature rails, on wire or suspended. EZ should always be mounted horizontally. For minimum mounting distance, see Fig. 2. Standard fittings for mounting are included and are found inside the connection box, see Fig. 3. When mounting on wire, suitable clips that prevent the panel from sliding should be acquired.

Connection

EZ is intended for permanent installation. Serial connection is easily made through the plinth (16 mm ²).



EZ Infrared Heater

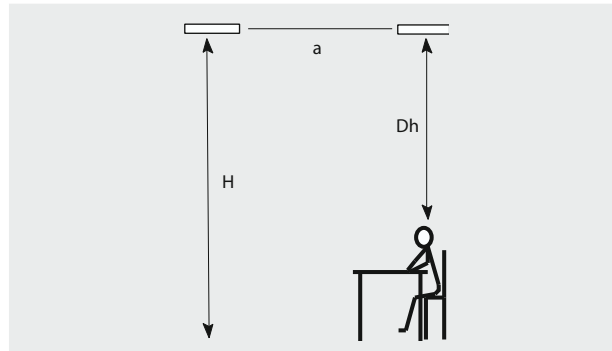
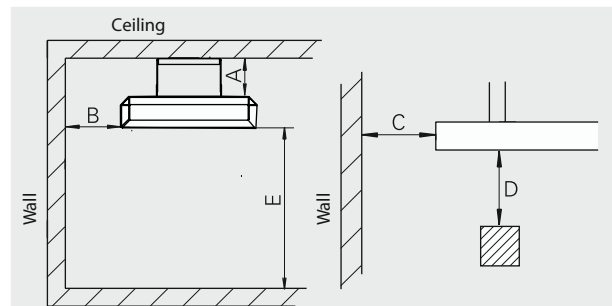


Fig. 1: Positioning vertically



		Min.distance [mm]
Ceiling	A	80
Wall, long side of the unit	B	150
Wall, short side of the unit	C	150
Flammable material	D	600
Floor	E	1800

Fig. 2: Minimum mounting distance.

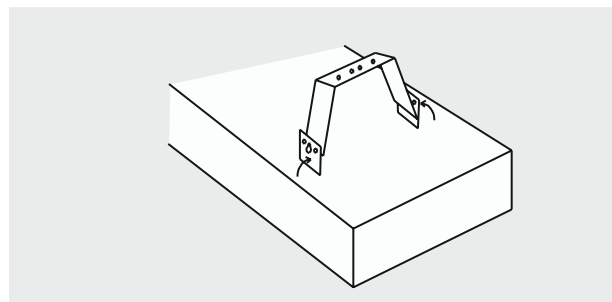


Fig. 3: Standard fitting