

TECHNICAL INFORMATION





RUSTPROOF & WEATHERPROOF



LOW ENERGY USAGE ZERO CO2 EMISSION



MINIMUM OF MAINTENANCE



FEATURES





PATENTED DESIGN By using high efficient and durable ceramic heating elements and the best materials, the DISC PT is virtually maintenance free.

The unique patented design makes the DISC PT an absolute eyecatcher, exuding luxury, elegance and exlusivity.



The DISC PT is made out of high quality material such as Aluminium and Stainless steel, making it suitable for outdoor use.

With an energy consumption of only 3.22 kW/h, the DISC PT uses less energy than similar products delivering optimal heating.



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DIMENSIONS



SPECIFICATIONS

Model	DISC PT
Heat output (W)	3100 W
Light Output (W)	120 W
Electrical connection	230V AC - 50Hz 14 A
Dimensions (W)	1004 mm
Mounting height requirement to ground	min 1800 mm; max 1950 mm
Ceiling height	min 2420 mm; max 3770 mm
Weight	approx. 17 kg
Approvals	CE, IEC 60335-2-30, CAN/CSA-C22.2 No. 60335-1:16, CAN/CSA-E60335-2-30:13, UL 60335-1



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DISC[®] PT by Piet Boon

ELECTRICAL SAFETY REQUIREMENTS

The use of the DISC PT requires an electrical installation with reliable safety grounding.

The installation's electrical safety can only be guaranteed if the device has been correctly connected to an earthing system built in accordance with the safety instructions. A preliminary inspection is absolutely essential. In the event of any uncertainty, a careful inspection must be made by a qualified and authorised technician. Heatsail will not be held responsible for injury and/or damage resulting from an ungrounded installation.

The installation of the DISC's PT electrical components requires a mains connection of 230V AC-50 Hz (16Amp fuse EN 30 mA RCD): the connection must be properly implemented in accordance with the applicable IEC-CEI standards. Please note: statutory and other regulation may apply locally.

The electrical power supply will need to be interrupted before connecting and/or other work on the electrical components can be carried out. Everyone must satisfy themselves that the power can't be switched on again accidentally. The use of adapters, power strips and extension leads may not be used for the DISC's PT electrical supply. A switch must be installed between the DISC PT and the fuse box at all times.

Non-compliance with these instructions may compromise the safety of the device. Heatsail will not be held liable for any damage resulting from this.

NOTE: The DISC PT will be delivered with a supply cord bold wall plug.

CONSTRUCTING OVERVIEW

The DISC PT is mounted on the ceiling by means of a stainless steel bracket. This bracket should be hung by using the correct plugs and screws according to the mounting surface. The diameter of the ceiling rose is 200mm.







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ELECTRICAL OVERVIEW

The DISC PT consists of a central heater element with a light and a hood, the 'DISC' wich serves as protection and reflection of the far infrared rays. The central element is called 'heattube'. On the lower part you will find a 'heater block' with 5 rectangular and 1 round heater element. Above the heater element there is a halogen light, separated from the heater element. The light consists of a R7S 78 mm halogen bulb, at 230V AC, behind a heat resistant glass. The glass can be pulled downwards (see user manual) to be able to change the halogen bulb. Because of the high heat a LED lamp is not possible, as LED can not withstand these high temperatures.

There are three electrical circuits in the DISC PT. These circuits have a total of 14 Amps at 230V AC.

- · Circuit 1: Heating circuit 1 consists of four rectangular heater elements and has a total heat output of 1500 W at 230V AC
- Circuit 2: Heating circuit 2 consists of the lower round heating element and two opposite rectangular heater elements and has a total power of 1600 W at 230V AC.
- Circuit 3: Lighting circuit consists of a R7S bulb of 120 W at 230V AC

VERSION WITH REMOTE

The incoming power is divided over the 3 circuits through 3 electronic switches, mounted on a ceiling rose. The electronic switches are operated by a remote control. Always ensure that the power between the power mains and the DISC PT can be switched off by other means than the remote control, by use of a 2 pole switch.





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• VERSION WITH WALL SWITCHES

The incoming power is divided over the 3 circuits through 3 wall switches installed by a qualified electrician. The output lines of the wall switches will consist of 5 lines in a size not less than 1.5 mm² / 16 AWG according to the following indicative drawing:





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