

CASE STUDY

A.M. INTERNATIONAL IN THE HOT SEAT



Alternative heating systems proved ineffective due to the large open space and high roof of the warehouse. The installation of electrical infra-red space heaters resulted in:

- employees were no longer hampered by bulky clothing
- a drop in absenteeism

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CASE STUDY

THE PROBLEM

Providing heat for workers at AM International, an office equipment company, was a difficult task. Alternative heating methods proved to be ineffective due to the large open space and the high roof of the hangar-type warehouse. Walls made of IBR sheeting, concrete floors and the



location of the machine rebuild area, on the south side of the building, did little to enhance the working environment during the cold winter months. The workshop area was particularly exposed to wind and rain because of large roller shutters which were opened frequently.

THE SOLUTION

Electrical infra-red space heating. AM International approached an Eskom Indusrelek Sales Advisor for help with their heating problem. After a thorough inspection, electrical infra-red space heaters were recommended to combat



the cold. Electrical infra-red space heaters have proved successful both locally and abroad, for the heating of large open areas such as halls and warehouses. Eskom liaised with various suppliers of electrical infra-red space heaters to install the equipment in the machine refurbishing, receiving and despatch sections. After the initial introduction of these heaters in the Johannesburg branch, it was decided to install electrical infra-red space heaters in the workshops of the Cape Town branch as well.



BENEFITS TO AM INTERNATIONAL

- The heating system was enthusiastically accepted by employees
- Bulky, uncomfortable winter clothes were no longer needed, allowing for easier movement
- Comfortable and warm working areas
- Decrease in absenteeism

FEATURES OF ELECTRICAL INFRA-RED SPACE HEATERS

- Compact
- Low capital outlay
- Minimal warm-up period
- Easy installation
- Little alteration needed to be done to premises
- Very little heat is lost because the short wave infra-red space heaters heat the working space without heating the surrounding air
- Human and environmentally friendly