

REFRIGERATION THERMOSTAT R762-4500

Operating temperature 15 °C; differential 15°C; resets at 0 °C (± 3 °C)

Model T3A auto-reset R762-4500

Defrost safety thermostat as used by many manufacturers

Rated to 25A 250VAC, 50Hertz with unity power factor

SPST single-pole single-throw

Normally closed connections (opens on temperature rise)

Fitted with two black RADOX125-insulated leads, 1.5mm², 4.0M long

Pipe-mounting for 5/8" diameter copper pipe

Mounting bracket also supplied

Manufactured by Derwent Thermostats, Gladesville, Sydney, Australia

Brand new, supplied in manufacturer's packaging

12-months manufacturer's warranty

These thermostats have the following features:

- Fully encapsulated in epoxy resin for moisture protection.
- Solid deep-drawn can made from nickel-plated copper
- No exposed terminals. Connections are made with insulated flexible connecting leads.
- Provide heavy-duty thermal protection (insensitive to current). Temperature sensing is achieved by surface-to-surface contact, such as attaching the front face of the protector onto a flat surface to be monitored.
- In order to sense temperature from a pipe, a range of thermostat front faces with different radii are available to suit this method of fixture.
- Changes in temperature are conducted through the metal housing and directly onto a bimetal disc which snaps over to operate a set of contacts after a pre-determined temperature has been reached. The protector automatically resets when safe operating temperatures are restored.
- Particularly suitable for clamping onto suction and discharge lines on refrigeration and air-conditioning compressors, or heat-exchange hot-water systems. They can provide defrost termination or overheat safety control, with good protection from weather, moisture or dust.
- They can be supplied as:
 - SPST – single-pole single-throw, which make or break contacts only. The operation of the contacts are factory set so that they either make (normally open) or break (normally closed) an electric circuit on temperature rise, and automatically reset.
 - SPDT – single-pole double-throw, with a change-over contact option. The common line is interrupted from one circuit and connected to another circuit simultaneously on temperature rise.