

electric duct heaters for circular ducts PBEC

Duct heaters PBEC are designed for air heating inside air ducts of circular cross-section. The casing and switching box are made of galvanized steel sheet and heating elements are made of stainless steel. Protection class: IP 43.

Mounting

Duct heaters should be installed so that air flow is in direction, as indicated by arrow indicator on the cover and is uniform for the whole cross-section. Recommended spacing from heater to the duct or flapper bending, etc. must be at least equal to two diameters of heater connecting tube. Heaters may be installed in vertical or horizontal duct. It is prohibited to supply voltage to heater when the fan is OFF.



Power regulation

It is recommended to use thyristor regulators Pulser or TTC to control heating power regulation.

Overheating protection

Duct heaters PBEC are equipped with two thermostats for overheating protection: one with automatic restart (triggering temperature 60°C) and the other with manual (triggering temperature 120°C) restart. Duct heaters are estimated for 1.5 m/s minimum air flow rate and 40°C maximum air working temperature at the outlet.

Dimensional data

