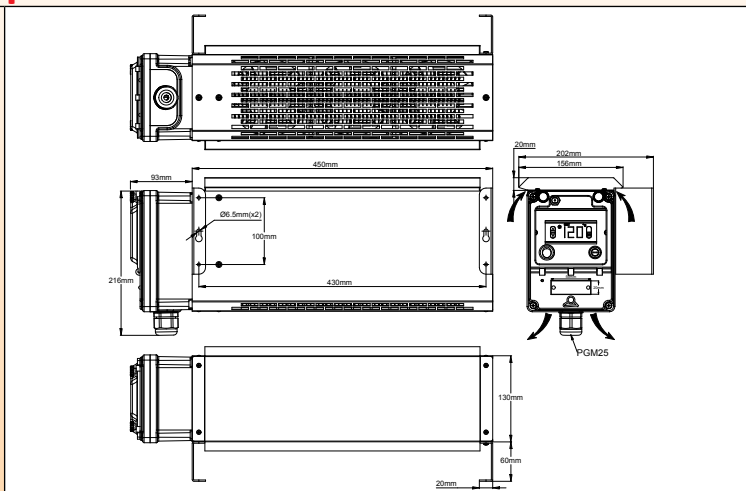




Electronic control Type 9CS



Main applications

These heavy duty fan heaters, are designed for professional, commercial or industrial applications. They must be mounted on a vertical wall, at more than 40cms from the floor or any board. Top side air inlets are equipped with a baffle protecting the fans against liquid drops or particle inlet. They are equipped with 3 silent high flow fans, and a waterproof control box equipped with a 2 poles, illuminated on-off switch, an electronic temperature control with digital display, and a safety thermostat. Their insulation class 1 does not allow using them in bathroom and in all places requiring Class II insulation. They are not designed for use in hazardous environments. They exist with painted steel or stainless steel frame. The main applications are heating of professional workshops, bungalows, crane cabins, construction equipment, wagons or locomotive cockpits, technical rooms, ovens, containers, dryers.

Main features

Dimensions: 450 × 130 × 150mm body (control box and legs not included)

Ingress protection: IP44

Heaters: 3 finned elements in 304L stainless steel. Fins 25 × 50mm 304 stainless steel. Surface load 3W/cm²

Frame material: 0.8mm thick sheet, high strength (Withstands +100kg distributed load), two versions:

- Galvanized steel sheet with black epoxy paint
- 304 stainless steel sheet.

Fans (only for version with fans): 3 fans of 120 × 120mm, flow 3 × 30m³/h. L10 life expectancy: 50,000 h (>5 years) at 25°C. L10 refers to the time at which statistically, 90% of the fan will still be operative. Life expectancy is reduced by about 50% when ambient temperature rises to 50-70°C.

Controls: Located inside a PA66, IP65, IK10 protection box, with sealable window, providing access to:

- Electronic temperature control, with differential adjustment, digital display at 1/10°, temperature range 4-40°C (can be set in °F)
- Fail safe high limit manual reset thermostat for protection against air outlet obstruction or fans failure
- Tip-over switch to protect against heater fail over (not available in the 3 phases version)

Electrical connection: By grounded euro plug, 2 meters, 3 × 1.5mm² (no cable supplied in the 3 phases version)

Mounting: 2 legs on the side (wall mounting).

Voltage: Single phase 230V, 50/60Hz or 400V three phases with neutral

Power: Single phase, 230V: 2000W, 3500W; 3 phases: 4000W

Ambient temperature: -20 to +60°C

Net weight: 9.1 kg

Option:

- Infrared remote on-off switch
- Customization accepted

References

Black painted steel frame			304 stainless steel frame		
References	Power (W)	Voltage (V)	References	Power (W)	Voltage (V)
9CS34Y33023200HB	2000	230	9CS34Y33023200H4	2000	230
9CS34Y63023300HB	3500	230	9CS34Y63023300H4	3500	230
9CS34Y630433000B	4000	3 × 400	9CS34Y6304330004	4000	3 × 400