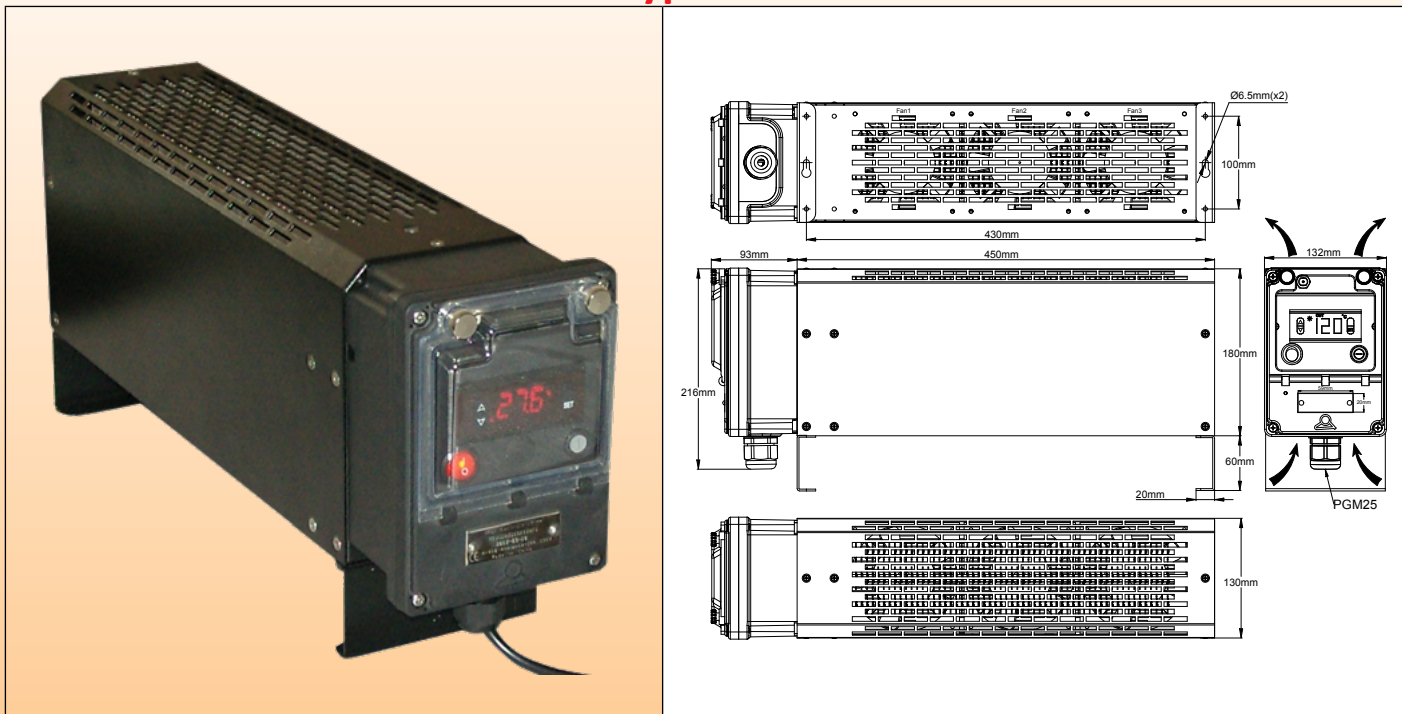




Upward blowing models, electronic control

Type 9CK



Main applications

These heavy duty fan heaters, are designed for professional, commercial or industrial applications. 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, a safety thermostat, and a tip over switch. Although their heating elements and control boxes are waterproof, their fans are not, and they should not be used outdoors without proper protection of the hot air outlets against liquid drops and rain. For outdoor application, use the models without fans. 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:** IP40 (fan heater version) or IP65 (version without fans)
- Heaters:** 3 finned elements in 304L stainless steel. Fins 25 × 50mm 304 stainless steel. Surface load 3W/cm² for fan models and 2W/cm² for no fan models.
- 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, 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 fan failure
 - Tip-over switch to protect against heater fail over
- Electrical connection:** By grounded euro plug, 2 meters, 3 × 1.5mm² (no cable supplied in the 3 phases version)
- Mounting:** 2 removable legs can be mounted under the frame (floor mounting) or on the side (wall mounting).
- Voltage:** Single phase 230V, 50/60Hz or 400V three phases with neutral
- Power:**
 - IP40 single phase, 230V: 2000W, 3500W; 3 phases: 4000W
 - IP65 single phase, 230V: 1300W, 2600W; 3 phases: 2600W
- Ambient temperature:** -20 to +60°C
- Net weight:** 8.4 kg

Commercial and industrial convection radiators



Option:

- Infrared on-off remote control
- Customization accepted

References, IP40 version with fans					
Black painted steel frame			304 stainless steel frame		
References	Power (W)	Voltage (V)	References	Power (W)	Voltage (V)
9CK34Y33023200HB	2000	230	9CK34Y33023200H4	2000	230
9CK34Y63023300HB	3500	230	9CK34Y63023300H4	3500	230
9CK34Y630433000B	4000	3 × 400	9CK34Y6304330004	4000	3 × 400

References, IP65 version without fans					
Black painted steel frame			304 stainless steel frame		
References	Power (W)	Voltage (V)	References	Power (W)	Voltage (V)
9CK3DY32023130HB	1300	230	9CK3DY32023130H4	1300	230
9CK3DY23023260HB	2600	230	9CK3DY62023260H4	2600	230
9CK3DY620432600B	2600	3 × 400	9CK3DY6204326004	2600	3 × 400

Because of permanent improvement of our products, drawings, descriptions, features used on these data sheets are for guidance only and can be modified without prior advice