



## APPLICATION

AFC fans are used in ventilation installations, where the fan is connected to air ducts at the inlet and outlet. AFC-HT fans are suitable for use in ventilation systems that require high temperature of transported air, ventilating hoods over furnaces.

## CONSTRUCTION

Axial fan with direct drive designed for duct mounting in the horizontal position. The housing is made of welded steel sheet covered with powder paint. The rotor is made of aluminium and dynamically balanced, according to ISO 1940-1. The hub is made of aluminium. The fans are designed for use within the temperature range of -30°C to +100°C. On request, we could supply the equipment tailored to individual customer needs, including: provided with non-standard housing (adjusted length or diameter, made of stainless or galvanized steel). The fans can be supplied in any colour from the RAL palette (RAL 7042 - grey is the standard colour). Fans with a diameter above 1000 mm individually selected to the specified working point.

## MOTOR

Asynchronous, three-phase 230/400V, 50Hz and 400/690V, 50Hz (depending on the fan model and motor power). Insulation class H, degree of protection IP 55. The motors are made in accordance with EC 60072 and 60034 standards. On request, we can deliver motors provided with an independent cooling system and/or with sensors.

Electrical wiring diagram: fig. 7, 8, on page. 925.

Performance curves and technical data - according to the AFC type fans.



WWW



DTR



CE

## DESIGNATION

<b>AF</b>	<b>C</b>	-	<b>HT</b>	/	<b>4</b>	-	<b>400</b>	-	<b>150</b>	-	<b>T</b>
1	2		3		4		5		6		7

1. Name
2. Model
  - C** - canal
3. High temperature
4. Number of poles
  - 2** - 2800 rpm - 50 Hz
  - 4** - 1400 rpm - 50 Hz
5. Nominal diameter of impeller [mm]
6. Motor power factor
  - 150** - 150 x 10 = 1500 W
7. Electrical supply
  - T** - three-phase