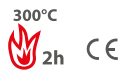


Model	A	B	C	D	E	F	G	H	I
PVI-HT 250-50	870	515	251,5	1206	25	830	186	739	900
PVI-HT 250-100	870	515	250	1200	25	830	186	740	900
PVI-HT 300-100	1030	460	305	1450	25	1000	240	850	1070

# PVI -HT

## SMOKE EXHAUST FANS FOR FIRE AND CAR GARAGES



Induction fans are designed for forced ventilation of underground car parkings. They are used, in normal conditions, to remove pollutants from the garage (i.e. CO<sub>2</sub>) and, in emergency conditions (fire), to convey smokes and other combustion fumes towards the evacuation shaft. The most relevant characteristic of the induction ventilation system is the absence of ducting and hence the following advantages are there:

- Lower cost of the complete system
- Lower running costs
- Higher flexibility
- Lower vertical obstruction
- Lower maintenance cost

PVI-HT fans are designed and manufactured according to the European Standard EN 12101-3 and have been certified by an Acknowledged Qualified Institute.

PVI-HT range is suitable for continuous service at 40°C air temperature and, in case of fire (emergency) at 300°C for 2 hours (F300). The series is composed by two models with thrust of 50Nw and 100 Nw.

Construction features

- Self supporting structure in steel sheet with corrosion resistant finish
- Backward bladed impeller with high efficiency in galvanized steel sheet, balanced according to UNI-ISO 1940
- Intake safety grid with anticorrosion treatment
- Two-speed asynchronous 3-phase motor, suitable for continuous service at 40°C and for 2 hours at 300°C (F300)
- Built-in service switch & terminal box

On request, PVI-HT series is available with standard motor, only suitable for evacuation of polluting gases.

### POSITIONING

- Ceiling mounting

### ENVIRONMENTS APPLICATION

Suitable for forced ventilation of:

- Shopping centers

- underground car parkings.

### TECHNICAL DATA

Model	Code	Motor	N° poles	Rev. per min. (RPM)	Voltage (Volt)	Frequency Hz	Air speed (m/s)	Power (kW)	Nom. curr. (A) 400 V	Noisiness dB(A) <sub>1m</sub>	Weight (Kg)
PVI-HT 250-50	0012700	Three phase	4/8	1400/700	400	50	23/11	1,2/0,3	3,3/1,4	74/58	67
PVI-HT 250-50/F300	0012710	Three phase	4/8	1400/700	400	50	23/11	1,2/0,3	3,3/1,4	74/58	67
PVI-HT 300-100	0012705	Three phase	4/8	1400/700	400	50	28/13,5	2,2/0,55	5,8/2,0	76/60	99
PVI-HT 300-100/F300	0012715	Three phase	4/8	1400/700	400	50	28/13,5	2,2/0,55	5,8/2,0	76/60	99

### FURTHER INFORMATION

