

# Hand Held Safety Axial Fan



## Instruction Manual



**浙江恒运防爆风机有限公司**  
 ZHEJIANG HENGYUN FLAMEPROOF FAN CO.,LTD  
 Address:Liushi Town, Yueqing City, Zhejiang Province

**Ex**  
**SFT Series**



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## 1、 Fan overview

### ◆ Performance characteristics

The structure design of this fan is firm, reliable and durable, and its insulation is high, which can adapt to high temperature, high pressure and noisy places.

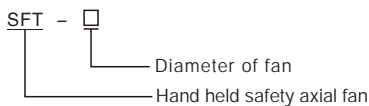
### ◆ Application range

The structure design of this fan is firm, reliable and durable, and its insulation is high, which can adapt to high temperature, high pressure and noisy places.

### ◆ Extending the catheter operation

Custom-sized "Additional Extensions Part" is easily to extend " Given Conduit" .The operator just need to simply slide the "additional extension part" to the ring at the end of the "given catheter", and then tie the string tight.

## 2、 Meaning of model



## 3、 Fan performance and selection table

SFT series Hand Held Safety Axial Fan

Specification (mm)	Leaf diameter (mm)	Air volume (m <sup>3</sup> /h)	Static pressure (Pa)	Rotating speed (r/min)	Frequency (Hz)	Power (KW)
200	190	1500-2100	250-420	2800	50/60	0.15
250	240	2700-3300	300-450	2800	50/60	0.25
300	290	3720-3300	350-600	2800	50/60	0.37
350	340	4840-5840	550-600	2800	50/60	0.55
400	390	5860-6840	750-800	2800	50/60	0.9

## 4、 Use and maintenance

(1) Before use, manually turn the impeller to check whether the rotation is normal. Check whether the impeller connection is firm, and confirm that it is correct before powering on the test machine. This machine uses alternating current, and the voltage tolerance is  $\pm 10\%$

(2) After the power is turned on, jog to check whether the steering is correct. During the test, pay attention to whether the sound is normal and whether the vibration is obvious. If any abnormal situation is found, it should be stopped immediately for inspection.

(3) In the process of use, the user should avoid factors that affect the life of the fan according to his own use environment, and purposefully prevent the bearing from losing oil, the uneven or excessive adhesion of the fan blades and cause load vibration, and timely clean or replace.

(4) If the motor has been parked for a long time without use for a long time, its resistance should be measured before using it again. If it is not lower than 0.5 megohm, the fan can be used.

## 5、 Ordering notice

- Please pay attention to the following data when ordering: model name, machine number, voltage, power, flow, speed, etc. of the fan;
- If there are special requirements to customize the fan, please specify or provide drawings.
- After the fan products are sold, non-quality problems will not be returned or exchanged.
- This fan is a customized product, please consult customer service before purchasing