

ÇTF Roof Type Fans



Installation and Operation Manual



fanturk.com.tr

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Company Informations

Manufacturer or Importer Company

Title	Havart İklimlendirme Ltd. Şti.	Signature and Stamp of Company Official
Address	Besevler Mh. Yıldırım Cd. No: 336 Nilifer/Bursa - TÜRKİYE	
Communication Info	Tel : +90 0224 482 29 69 (pbx) / Fax : +90 0224 482 50 96	
Web Site	www.fanturk.com.tr	

Product

Type	Roof Type Fan
Brand	Fantürk
Model	ÇTF
Bandrole and Serial Number	-
Delivery Date, Place	-
Max. Repair Time	(20) Twenty work days
Warranty Period	(2) Two years

Seller Company

Title		Signature and Stamp of Company Official
Address		
Communication Info		
Web Site		
Invoice Date And Number		

Customer

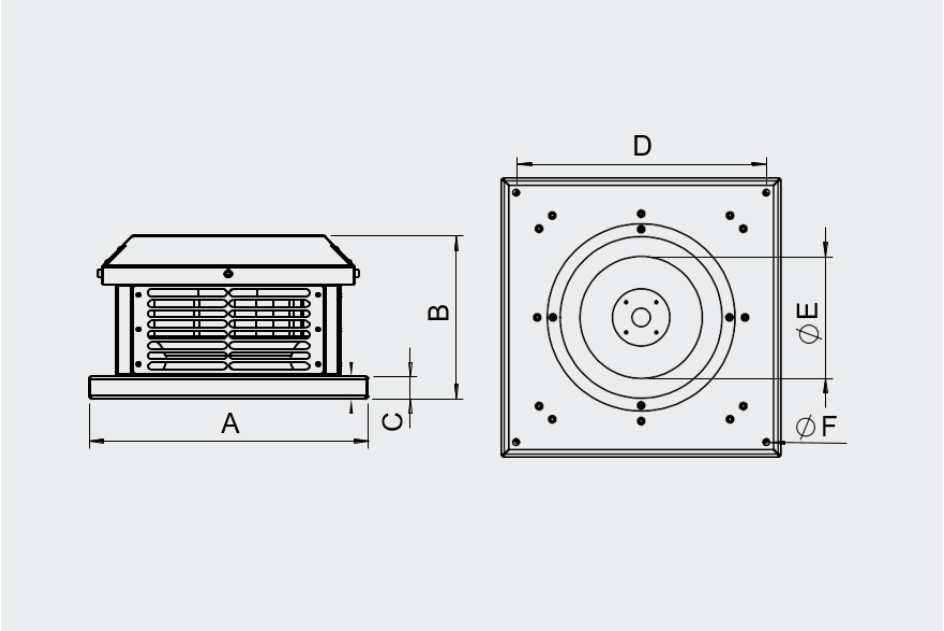
Name - Surname	
Address	
Phone Number	

General Warnings



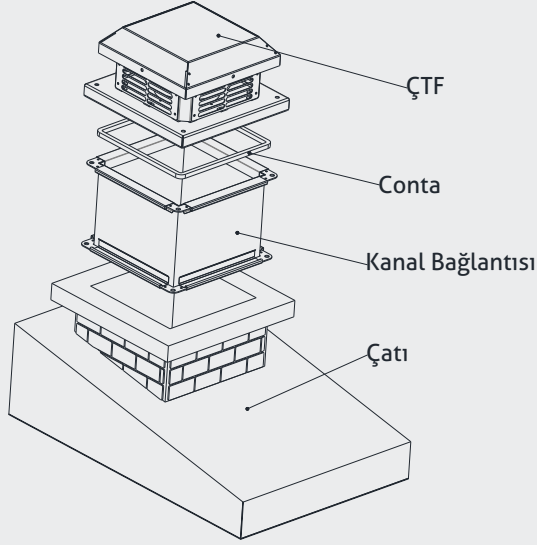
- *These devices contain rotating parts and electrical connections. Therefore, pay attention to safety warnings during their assembly, maintenance and operation.*
- *These devices are intended that should not be used by people with physical, sensory and mental disability (including children) or used by people who have lack of experience and knowledge, without the supervision and management of the usage these devices.*
- *Keep the fan away from children and do not let unauthorized people to use it.*
- *Electrical connections and assembly must be made by authorized persons.*
- *The product must have an air duct of its own.*
- *During transport, operation and maintenance, hands should be protected with gloves against cuts.*
- *The fan should not be touched while the fan is running.*
- *Avoiding of any kind of damage, periodic maintenance and cleaning should be done.*
- *Do not use the product at ambient temperatures above 80°C.*
- *The products produced by our company do not contain mercury.pcb (polychloride biphenyl) asbestos materials, which are harmful to human health.*

Technical Specifications



MODEL	A	B	C	D	E	F	Voltage	Frequency	Power	Current	Capacitor	Speed	Air Flow	Sound Level	Weight
	mm	mm	mm	mm	mm	mm	V	Hz	W	A	µf	rpm	m ³ /h	dBA	kg
ÇTF-1	320	175	30	280	145	9	230	50	66	0,3	3	2300	540	52	6,5
ÇTF-2	350	190	30	310	190	9	230	50	100	0,47	3	2580	800	56	8,3
ÇTF-3	360	210	30	320	170	9	230	50	150	0,7	4	2600	1020	58	8,5
ÇTF-4	380	220	30	340	220	9	230	50	200	0,9	6	2600	1520	58	9,7
ÇTF-5	410	220	30	370	220	6	230	50	250	1,1	8	2500	1840	60	10,7
ÇTF-6	500	310	30	460	270	9	230	50	210	1	8	1400	2520	62	16,5
ÇTF-7	570	365	30	530	310	11	230	50	500	1,8	12	1380	4100	64	27,6
ÇTF-8	630	365	30	590	310	11	230	50	500	2,2	12	1300	5600	65	30,7

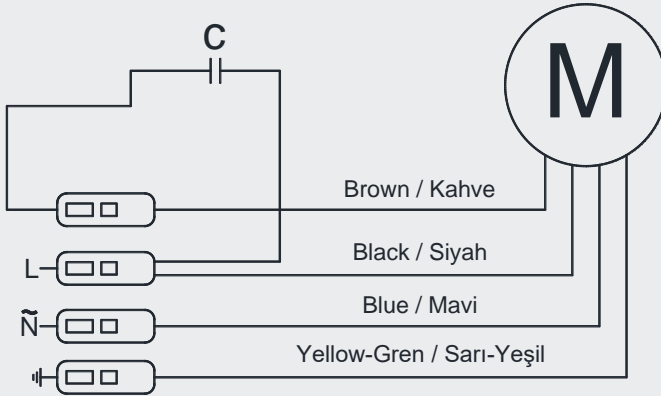
Mechanical Informations



- Products should only be installed by authorized persons.
- The product to be assembled must be securely mounted to the place specified in the project. It is recommended to wear gloves when installing the product.
- The inlets of the products should be used by connecting to the channel.
- When mounting the apparatus, make sure that all connections are made correctly and that the mounting elements have the strength to carry the weight of the product.
- There should be no obstructions in the airflow path.

1. For mounting, drill holes suitable for the frame size and insert dowels.
2. Mount the product on the mounting channel.
3. Connect between the duct and the product using a vent gasket.
4. Seal the roof and duct connection with silicone.
5. Make a trial run of the fan, check whether there is vibration and error in the product.

Electrical Connection Scheme and Installation



- Pay attention to use a minimum of 3x2.5mm cable for electrical wiring.
- Before connecting the electrical cables, definitely cut off the electricity from the source. Even if the product is turned off, make sure that the main power supply is turned off when connecting the apparatus.
- Before installation, check the compatibility of the electrical connection information (voltage, power, frequency, etc.) specified on the product with the location where the installation will be made.
- For safety reasons, the grounding terminal on the terminal must be connected to the building ground line.

For 230 V (Monophase) connections, the connection will be made with reference to the above diagram.

- Make sure the motor thermal and overload relay are properly connected.
- In case of any problem, if the thermal circuit opens (when the product does not work), the system must be reset from the mains and reactivated.
- The product cable connection should be as in the electrical connection diagram.
- It must be connected to the fixed installation in accordance with the installation rules, together with a switch with contact separation in all poles.

Usage

ÇTF series Roof Type Fans,

They are used to increase the air quality of indoor spaces. Roof fans have the ability to discharge polluted air from a remote point. Fantürk ÇTF Roof Type Fans work smoothly with high performance. Thanks to their compact structure, they can be directly connected to the chimney without the need for converters.

Fantürk ÇTF Roof Type Fans are used in industrial and construction applications, factories, kitchens, bathrooms, toilets, swimming pools, gyms, warehouses, hospitals, hoods, offices, laboratories, shopping malls, restaurants, theaters, apartments, nightclubs, poultry farms. , equipment cooling, work areas and space ventilation, etc. can be used for purposes.



Users are obliged to carefully read the operation and maintenance manual before using ÇTF series Roof Type Fans.

The product lifetime is about 10 years.

At First Commissioning;

- Always cut the electricity from the source before connecting the electric cables.
- Make sure that the electrical connections of the product are made safely and correctly.
- Make sure the safety equipment is properly connected.
- Make sure that the ground connections are properly made.
- Ensure that the cable and electrical junction box are properly sealed.
- The direction of rotation of the wings, it must be in the direction marked by the label on the body.
- Air outlet direction; it must be in the direction marked by the label on the body. Make sure there are no obstructions in the airflow path.
- During the operation of the product, there should be no vibration and there should be no internal friction and impact sound caused by the rotation of the fan.
- Electricity source, current and frequency values should comply with the product label.
- As a result of any electrical safety device being burned, the electrical connection should be disconnected immediately from the main source. The entire installation should be carefully checked before operating the product.
- Inform the authorized persons if encounter any problems.

Storage and Transportation

For Prevent Damages to The Product During Transportation;



- *The product is packaged in accordance with normal transportation conditions at the factory.*
- *The product should always be carried in its original packaging, to avoid any damage and damage.*
- *Until the product reaches the place to will be installed, it should be stored in its own package in a place that will not be exposed to vibration, dust, abrasive or chemical substances.*
- *Do not accept products that are not in their original packaging and have been found to be opened before reaching you.*
- *The product should be stored in a way that it will remain completely immobile against overturning and falling.*
- *During the transportation of heavy products ,use suitable lifters to protect the product or the persons for being damaged.*
- *All necessary precautions must be taken to prevent damage caused by imprudent, rapid lifting and lowering.*
- *The products should be carried one by one and by keeping them carefully. Tossing, throwing hand-to-hand should be avoided.*

For Prevent Damages to The Product During Transportation;

- *The accuracy of the delivered product should be checked.*
- *Should check damages after transportation. If there is a missing or damaged item, your carrier and company should be informed immediately, verbally and in writing.*
- *Do not lift the product by the junction box or electrical cables.*
- *Avoid applications that will damage the wings or protective cage during transport.*

Troubleshooting

ABNORMAL SITUATION	POSSIBLE REASON	SOLUTION
<i>Excessive sound (Noise)</i>	<i>Propoller imbalance</i>	<i>Change propeller</i>
<i>The device does not work</i>	<i>Motor damaged</i>	<i>Change motor</i>
	<i>Capacitor inoperative</i>	<i>Change capacitor</i>
	<i>Incorrect speed setting connection</i>	<i>Check the installation</i>
<i>Propoller turns slowly</i>	<i>Incorrect connection</i>	<i>Check the electrical conections</i>

Periodic Maintenance and Cleaning;

- *Make sure that the electrical connection is disconnected from the main source even if the product is turned off before cleaning or maintenance.*
- *All electrical equipment should be checked regularly, connections should be reviewed and damaged or old cables and equipment should be replaced.*
- *Periodic maintenance should be done at least once every six months or more depending on the frequency of use. Maintenance and cleaning of the product should be done by qualified personnel.*
- *Check the product regularly. To prevent contamination and debris in the blades, engine and grill, perform the maintenance in consideration of the operating conditions of the product. Otherwise, it may seriously shorten the working life of your product or cause danger.*
- *While cleaning the product, should be careful blades and turbine cleaning to avoiding to give harm to balance.*
- *The tightness of the bolts that may loosen should be checked during and after maintenance.*
- *If parts and spares are not suitable, they must be replaced immediately.*
- *Flammable and combustible cleaners should not be used for product cleaning, they should be cleaned with a moist cloth.*
- *Absolutely no water or pressurized water should be taken directly into the product.*

Warranty and Service

Our dear customer;;

We believe in the importance of providing good service as well as giving you good products. You can call us and meet with Technical Service Representatives and contact our Sales Representatives to get the most suitable service for you.

Follow The Precautions Below !

- 1. When you receive your product, confirm the Warranty Certificate.**
- 2. Use your product according to the user manual principles.**

This warranty given by Fantürk does not cover the elimination of the malfunctions occurring from the use of the product abnormal, and it is out of warranty in the following cases.

- a. Damages and failures occurring from usage errors*
 - b. Damages and malfunctions during loading, unloading and transportation after delivery of the product to the customer.*
 - c. Damages and failures that may occur due to low voltage or excess voltage, faulty electrical installation, use of voltage other than the voltage printed on the product's label.*
 - d. Fire, earthquake and lightning strike etc. damages and malfunctions to occur with.*
 - e. Malfunctions caused by using the product contrary to the points in the user manuals.*
- *Elimination of the above that mentioned faults is done for a fee.*
 - *The responsibility of approving and giving the warranty certificate to the customer belongs to the sellers, dealers, agents or representative offices where the consumer purchases the goods.*
 - *If a dispute arises during the warranty period, the user must maintain the invoice or a legible photocopy with the Warranty Certificate, since the invoice date will be based on.*
 - *Warranty certificate is void in case of falsification of the Warranty Certificate, removal or falsification of the original serial number on the product.*

Terms

- *The warranty period starts from the date of delivery of the goods and is 2 years.*
- *All mechanical parts of the product except motor and electrical parts are under warranty by our company.*
- *In case the product fails within the warranty period, the time spent in repair is added to the warranty period. The repair time of the goods cannot exceed 20 business days. This period starts from the date of notification to the service station of the malfunction of the goods, to the seller, importer or manufacturer of the goods, if there is no service station.*
- *Consumer failure notification; It is possible to do it by phone, fax, e-mail, registered letter or similar way. However, in case of a dispute, the burden of proof lies with the consumer.*
- *If the product fails due to material and workmanship or assembly errors during the warranty period, it will be repaired without any charge under the labor cost, the replacement part price or any other name.*

- *Despite the consumer uses his right to repair,*

From the date of delivery to the consumer, within one year, provided that they remain within the specified warranty period; In addition to malfunctioning at least four times or six times within the warranty period determined by the manufacturer-manufacturer and / or importer, these malfunctions continue to not be able to benefit from the goods,

Exceeding the maximum time required for repair,

In the event that the service station of the company is not available, the consumer may request a free replacement of the goods, a refund or a defective rate in the event that it is determined that the malfunction cannot be repaired with the report issued by one of the seller, importer or manufacturer of the goods.

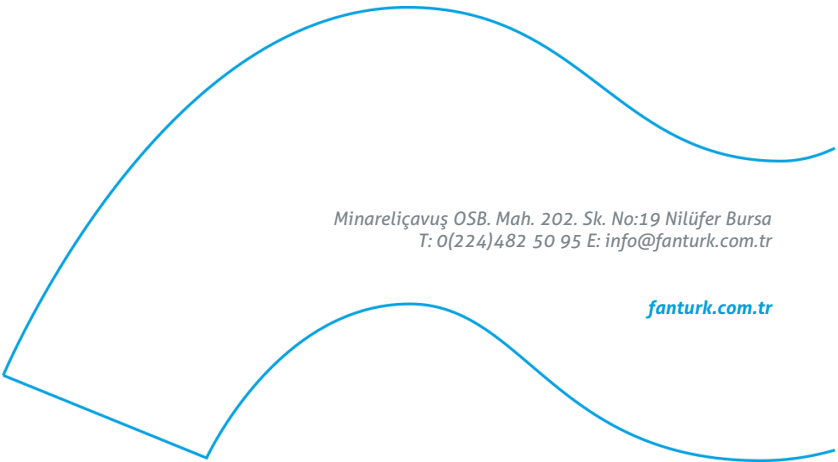
- *Malfunctions resulting from the use of the product contrary to the points in the user manual are out of warranty.*
- *For problems regarding the Warranty Certificate, the Ministry of Customs and Trade may apply to the General Directorate of Consumer Protection and Market Surveillance.*
- *They can make applications to consumers' complaints and objections to consumer courts and consumer arbitration committees.*
- *If it is understood that the goods are defective , consumer ;*

Returning from the contract by declaring that he is ready to return the sold,

Retaining the sold and requesting a discount from the sales price in the rate of shame,

Requesting free repair of the sold, at all costs, if the seller does not require excessive costs,

If possible, requesting that the seller be replaced in an indiscriminate fashion may use one of his optional rights. The seller is obliged to fulfill consumer preferred demand.



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