

EN

ORIGINAL INSTRUCTIONS
WIND MACHINE



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01. GENERAL DESCRIPTION

Trotec Air Circulators move high volumes of air at low RPM. All units feature 3-blade aluminum propeller with anodized weather resistant finish. Fan housing is constructed of heavy-duty galvanized steel in Safety Yellow.

02. PRECAUTIONS

- Ensure that the power source conforms to the electrical requirements of the air circulator.
- Where possible, avoid the use of extension cords. If they must be used, minimize the risk of overheating by ensuring of the proper gauge and length.

⚠ *Never use a single extension cord to operate more than one air circulator.*

- Do not kink the cord or allow it to contact oil, grease, chemicals, hot surfaces, or sharp or abrasive objects.

- This air circulator is to be operated **ONLY** in place to prevent persons and objects from contacting the revolving propeller. Any other use voids warranty and may create unsafe conditions.
- Air circulator is intended for general air circulation **ONLY**. It must **NOT** be used in potentially dangerous locations such as flammable, explosive, chemical-laden atmospheres. Do not attach ductwork to the air circulator.
- Air circulator motor is equipped with an automatic resetting thermal protector that will disconnect power if the motor overheats. Always unplug air circulator before removing guard or otherwise accessing the motor, as it may restart unexpectedly.
- In cases in which property damage may result from malfunction of the air circulator, a suitable alarm (air switch, temperature sensor, etc.) should be used
- If the supply cord is damaged, it must be replaced by the manufacture, its service agent or similiary qualified persons in order to avoid a hazard.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

03. CARE AND MAINTENANCE

⚠ Prior to cleaning make certain that unit is unplugged and disconnected from power source.

The propeller, guard, and motor should be cleaned periodically to prevent overheating, and/or operating in an imbalanced condition.

If cleaning is required remove parts, just remove guard by loosening the eight screws and reinstall by tightening back the screws after cleaning.

Use soft damp cloth then wipe with dry cloth. Do not use harmful cleaners. Do not bend the blades. Electrical parts should never be immersed in water.

Motor is permanently lubricated.

⚠ Ensure that propeller is replaced in correct direction as factory installed.

04. DISPOSAL



Always dispose of packing materials in an environmentally friendly manner and in accordance with the applicable local disposal regulations.

The icon with the crossed-out waste bin on waste electrical or electronic equipment stipulates that this equipment must not be disposed of with the household waste at the end of its life. You will find collection points for free return of waste electrical and electronic equipment in your vicinity. The addresses can be obtained from your municipality or local administration. You can also find out about other return options that apply for many EU countries on the website <https://hub.trotec.com/?id=45090>. Otherwise, please contact an official recycling centre for electronic and electrical equipment authorised for your country.

The separate collection of waste electrical and electronic equipment aims to enable the re-use, recycling and other forms of recovery of waste equipment as well as to prevent negative effects for the environ-

ment and human health caused by the disposal of hazardous substances potentially contained in the equipment.

Only for United Kingdom

According to Waste Electrical and Electronic Equipment Regulations 2013 (SI 2013/3113) (as amended) devices that are no longer usable must be collected separately and disposed of in an environmentally friendly manner.

05. TECHNICAL DATA

Article-Number.....	1.510.001.020
Air volume max.	20,000 m ³ /h
Air current.....	blowing out
Air discharge speed.....	8.8m/s (31.68 km/h)
Discharge distance.....	58 m
Fan stages	infinitely variable
Air pressure max.....	110 Pa
Transport medium temperature	45 °C
Operating voltage.....	230 V / 50 Hz (3.8 A)
Power input max.	0.79 kW
Recommended preliminary fuse	10 A
Connection plug	Protective contact plug (CEE 7/7)
Sound level (Distance 3 m).....	50-80 dB (A)
Mobility.....	wheeled/stackable
Measures (LxWxH).....	1,070 x 600 x 1,300 mm
Weight	52 kg
IP type of protection	IP55

06. DECLARATION OF CONFORMITY

Declaration of conformity in accordance with the EC Machinery Directive 2006/42/EC, Annex II, Part 1, Section A

We – Trotec GmbH – declare in sole responsibility that the product designated below was developed, constructed and produced in compliance with the requirements of the EC Machinery Directive in the version 2006/42/EC.

Product model / product: TTW 20000

Product type: Wind machine

Year of manufacture as of: 2022

Relevant EU directives: 2014/30/EU
2011/65/EU
2012/19/EU
2009/125/EU

Applied harmonised standards: EN ISO 12100:2010
EN 60204-1:2018
EN ISO 13857:2019
EN ISO 13854:2019
EN ISO 14120:2015
EN 61000-6-2:2005
EN 61000-6-2:2005/AC:2005
EN 61000-6-4:2007
EN 61000-6-4:2007/A1:2011

Other applied technical standards and specifications:

Regulation (EU) No. 327/2011
DIN EN ISO 12499:2010-12

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