

## **Owners Manual for danduct Clean<sup>®</sup> VT3000 Ventilator 60Hz**



**Danduct Clean<sup>®</sup>**

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## **1.1 Introduction.**

We are pleased that you have chosen the danduct Clean® VT3000 ventilator for your company.

We are sure that you will be satisfied with the equipment, but would however urge you to read this manual for obtaining a good and trouble free operation of the ventilator.

## **1.2 Guarantee**

The equipment is covered by a 12 months guarantee from the date of delivery to the customer. *The guarantee period comes into force after danduct Clean® having received the signed delivery report.*

The guarantee covers parts and replacement in our factory, or by our distributor. It is however a condition of the guarantee, that the instructions in this Owners manual has been followed, and that the equipment has been proper maintained.

Our guaranty however is depending on the filled out return of delivery report to our dealer, and the observance of this Owners manual.

Equipment which has been repaired locally without our written consent, is not covered by this guarantee.

Claims to the guarantee from third party is not covered by this guarantee.

## **2.2 Description of the ventilator**

Airflow: 5200 m<sup>3</sup>/h  
Power: 1 x 230V / 60Hz  
Amps: 12,7  
KW: 2,2

## **2.3. Mounting the hose**

A 252mm hose must be connected between the ventilator and the HVAC system to extract the dust. Standard length of the hoses is 6mtr but two hoses can easily be connected as extension.

## **3.0 Operating the equipment.**

To start the ventilator connect it to 230V and turn the start button to ON. The electrical power of the VT3000 must not be less than 220V which can cause damage on the capacitors. Please notice that the power can be lowered if you use a long thin cable.

The Ventilator VT3000 is operated together with filter and hose. For operating the VT3000 Ventilator together with the filter unit then also follow operational manual for filter unit with rotor clean.

## **4.0 Operating environments.**

The Ventilator is designed to be used in dry ventilation ducts. Do not use it with greasy ducts or ducts containing hazardous gases. The use of the ventilator in wet, greasy, explosive, or any other environment which is not dry, may cause damage to the equipment.

The equipment should not be used in temperatures under +0° C and above +60° C. Humidity max. 80 %.

## 5.0 Maintenance

The equipment requires a minimum of maintenance. Filters must however be replaced frequently in order to obtain the optimal efficiency.

## 6.0 Technical data

<i>Model:</i>	VT 3000
<i>Air flow:</i>	5200 m <sup>3</sup> /h
<i>Motor:</i>	
- <i>KW:</i>	2,2
- <i>Amp:</i>	12,7
- <i>Volts:</i>	230
- <i>L x H x W:</i>	62x78x86cm
- <i>Weight:</i>	60kg
- <i>Hose size</i>	252mm

## 7.0 EU Agreement statement

### Supplier:

Company Name: Danduct Clean®  
Address: Teglvaenget 63  
7400 Herning  
Denmark  
Phone: +45 97 12 30 30 Fax: +45 97 22 54 44

### hereby declare that

**Machine:** Name: VT3000  
Type: CEM  
Serial no.: 50703000  
Year:

is in conformity with:

the COUNCIL DIRECTIVE of 14 June 1989 on mutual approximation of the laws of the Member States on the safety of machines (89/392/EEC as amended by directives 91/368/EEC, 93/44/EEC and 93/68/EEC) with special reference to Annex 1 of the Directive on essential safety and health requirements in relation to the construction and manufacture of machines.

- COUNCIL DIRECTIVE of 3 May 1989 on the approximation of the laws of the Member States relating to electromagnetic compatibility (89/336/EEC)

- COUNCIL DIRECTIVE of 19 February 1973 on the harmonisation of the laws of Member States relating to electrical equipment designed for use within certain voltage limits (73/23/EEC)

was manufactured in conformity with the following national standards that implements a harmonised standard:

EN 292-1 Safety of machinery-Basic terminology, methodology  
EN 292-2 Safety of machinery-Tech. Principles + specification  
EN 60204-1 Safety -Electrical equipment of machines  
EN 50081-1 Electromagnetic compatibility, Light industry  
EN 50082-2 EMC: Immunity - Industrial environment

Position: Managing Director  
Name: Tim Larsen  
Company: Danduct Clean®

Date

Signature

**8.0 Delivery report.**

Dealer name:  
Owner's name:  
Owner's address:  
Equipment number:

Extent of delivery:

VT 3000 ventilator unit

Signed: \_\_\_\_\_  
Dealer

Date: \_\_\_\_\_

Delivery report - to be completed by the end-user.

I have received:

Operation and maintenance manual for danduct Clean® VT 3000

The equipment has been delivered to me in a satisfactory condition, and I fully understand that the warranty is for a period of 12 months after the date of delivery. I accept that neglect of misapplication of the equipment as well as unauthorized modifications shall cause to void this warranty.

End-user's signature: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Warranty of the above equipment will not be effective before this form has been completed, properly signed and this original returned to

Danduct Clean<sup>®</sup>  
Teglvaenget 63  
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within 20 days after delivery.

Comments: \_\_\_\_\_