

ZERTIFIKAT CERTIFICATE

Hiermit wird bescheinigt, dass das unten beschriebene Produkt der Firma
This certifies that the product described below from company

PullmanErmator AB
Industrivägen 10
777 34 Smedjebacken
Sweden

die Anforderungen der folgenden Normen erfüllt.
meets the requirements of the following standards.

Geprüft nach **EN 60335-2-69:2009 – Annex AA**
Tested in accordance with **Suitability for dust class “H” – with high potential risks**

Beschreibung des Produktes **Industrial Vacuum Cleaner with HEPA-Filter Element**
(Details s. Anlage 1)
Description of product
(Details see Annex 1)

Typenbezeichnung **Pullmann Ermator Model T8600F**
Type Designation

Bemerkung **keine**
Remark **none**

Registrier-Nr. / *Registered No.* 44 799 14170702
Prüfbericht Nr. / *Test Report No.* 15 799 439796
Aktenzeichen / *File reference* 8000439796 / 3515 4312

Gültigkeit / *Validity*
von / *from* 2015-01-28
bis / *until* 2020-01-27



TÜV NORD CERT GmbH Essen
Zertifizierungsstelle Maschinen
Certification Body Machinery

Essen, 2015-01-28

ANLAGE ANNEX

Anlage 1, Seite 1 von 2
Annex 1, page 1 of 2

zum Zertifikat Registrier-Nr. / to Certificate Registration No. 44 799 14170702

Produktbeschreibung:
Product description:

Industrial Vacuum Cleaner Pullmann Ermator Model T8600F

Geprüft mit Filter:
Tested with filter:

Type: Filter Cartridge "MF500 MICRO FILTER", (Dwg-No. 1337057)
Filter dimension: External Ø x Internal Ø x Height: 236 mm x 136 mm x 330 mm
Filter medium: Glassfibre

Maschine:
Test machine:

Declaration: Industrial Vacuum Cleaner / Dust Extractor
Application: Suck up of dry dusts, hazardous to health for industrial application
Model: T8600F
Manufacturer: Pullmann Ermator, Sweden
Dimensions: (LxBxH) 1250 mm x 690 mm x 1780 mm
Voltage: 400 VA, 3~, 50 Hz
Power: 7500 W
Max. Airflow: 660 m3/h
Hose: 10 m x Ø 76 mm
Weight: 205 kg

Geprüft nach:
Tested according to:

EN 60335-2-69:2009 – Annex AA

AA.22.201.2 Test of Main Filter Element (HEPA-Filter) with regard to the degree of dust penetration
AA.22.203 Evidence test to confirm, that installed filter cleaning mechanism does not have effect on the filtration efficiency
AA.22.204 Evidence test to confirm, that installed filter cleaning mechanism enables required suction power
AA.22.201.2 Test of Main Filter Element (HEPA-Filter) with regard to the degree of dust penetration
AA.22.203 Evidence test to confirm, that installed filter cleaning mechanism does not have effect on the filtration efficiency



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Anlage 1, Seite 1 von 2
Annex 1, page 1 of 2

zum Zertifikat Registrier-Nr. / to Certificate Registration No. 44 799 14170702

AA.22.204	Evidence test to confirm, that installed filter cleaning mechanism enables required suction power
AA.22.207	Evidence test to confirm, that specimen is able to soak up certain nails without getting damaged
AA.22.201.3	Test of mounted machine (determination of degree of dust penetration)
AA.22.201.4	Test of bursting strength
AA.22.202	Check existence of indicator / measurement device that indicates, that air velocity inside the suction hose decreases below 20 m/s
AA.22.205	Check, whether engine is easy to clean
AA.22.206	Check, whether engine is equipped with one way collection system
AA.22.208	Check need of tool to demount main filter
AA.22.209	Check whether fan of engine does not swirl up dust from the floor
AA.22.210	Check negative pressure at main filter element during operation
AA.22.214	Check, that no involuntary dust in- or output can happen, when engine is out of operation
AA.22.215	Check of conformity of safety covers acc. requirements

Ergebnis:

Result:

Dust Extractor Model T8600F fulfills requirements to a machine according EN 60335-2-69-Annex AA. The machine is suitable for suck off of dry, dangerous (carcinogenic and pathogenic), not combustible dusts of dust class "H" with a limit concentration < 0.1 mg/m³.

Bemerkung:

Remark:

This Certificate contains the result of the examination of the product sample submitted by the manufacturer. A general statement concerning the quality of the products from the series manufacture cannot be derived there from.



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Geprüft nach
Tested in accordance with

EN 60335-2-69:2009 – Annex AA
Suitability for dust class “H” – with high potential risks

Chapter AA.22.201.2
Test of Main Filter Element (HEPA-Filter) with regard to the degree of dust penetration

Beschreibung des Produktes
(Details s. Anlage 1)
Description of product
(Details see Annex 1)

HEPA-Filter Element

Typenbezeichnung
Type Designation

Filter Cartridge “MF500 MICRO FILTER”, (Dwg-No. 1337057)

Bemerkung
Remark

keine
none

Registrier-Nr. / *Registered No.* 44 799 14170703
Prüfbericht Nr. / *Test Report No.* 15 799 439796
Aktenzeichen / *File reference* 8000439796 / 3515 4313

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ANLAGE ANNEX

Anlage 1, Seite 1 von 1
Annex 1, page 1 of 1

zum Zertifikat Registrier-Nr. / to Certificate Registration No. 44 799 14170703

Produktbeschreibung:
Product description:

HEPA-Filter Element

Filter:
Filter:

Type: Filter Cartridge "MF500 MICRO FILTER", (Dwg-No. 1337057)
Filter dimension: External Ø x Internal Ø x Height: 236 mm x 136 mm x 330 mm
Filter medium: Glassfibre
Total filter area: 2 x 2.5 m²

Ergebnis:
Result:

The Filter element "MF500 MICRO FILTER" (Dwg-No. 1337057) fulfils at an air to cloth ratio of 90 m³/h (nominal air volume flow of 450,7 m³/h) the requirement according EN 60335-2-69 for filters for application in dust removal engines of dust class "H".
Degree of dust penetration after 5 min: D = 0.00397%

Bemerkung:
Remark:

This Certificate contains the result of the examination of the product sample submitted by the manufacturer. A general statement concerning the quality of the products from the series manufacture cannot be derived there from.

A handwritten signature in black ink, appearing to be "Ralf S.", is placed over the printed name of the certification body.

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