



CERTIFICATE

№ LVD- 17- 000- (2e-17-393-396)- 016E

"CTEC" Ltd. certifies that

Product

DOMESTIC EXHAUST FAN

trade mark: **MMOTORS JSC**

models: The types/models of fans are described in detail in the *Annex to this certificate* to page 2

Applicant

Askania Casting Ltd. Bulgaria

3 Malak Iskar blvd., Etropole

tel.: +359 720 62230

mmotors@mmotors.bg

Manufacturer

Askania Casting Ltd. Bulgaria

3 Malak Iskar blvd., Etropole

tel.: +359 720 62230

mmotors@mmotors.bg

Complies with the

Essential requirements applicable to the product in compliance with Low voltage **Directive 2014/35/EU** and standards

EN 60335-1:2012

EN 60335-1:2012/A11:2014

EN 60335-2-80:2003

EN 60335-2-80:2003/A1:2004

EN 60335-2-80:2003/A2:2009 Household and similar electrical appliances - Safety - Part 2-80: Particular requirements for fans

EN 55014-1:2006 Electromagnetic compatibility (EMC)

EN 55014-1:2006/A1:2009

EN 55014-1:2006/A2:2011 Requirements for household appliances, electric tools and similar apparatus. Part 1: Emission

EN 61000-3-2:2014 Electromagnetic compatibility (EMC)

Part 3-2: Limits. Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)

EN 61000-3-3:2013 Electromagnetic compatibility (EMC)

Part 3-3: Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

EN 55014-2:2015 Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus. Part 2: Immunity - Product family standard

Certificate has been issued on the base of

Test reports:

№ 2e-17-393/07.06.2017

№ 2emc-17-393/07.06.2017

№ 2e-17-394/07.06.2017

№ 2emc-17-394/07.06.2017

№ 2e-17-395/07.06.2017

№ 2emc-17-395/07.06.2017

№ 2e-17-396/07.06.2017

№ 2emc-17-396/07.06.2017

The present certificate is voluntary examination of the product's Technical File and testing carried out by the CTEC's machinery laboratory for compliance with the requirements of the Low voltage Directive 2014/35/EU.

The conformity certificate is based on the evaluation of the technical file of the above mentioned product and does not imply assessment of the production.



CTEC has been registered as Notified Body NB 1871 in the European Commission register for following Directives: 2006/42/EC Machinery, 2000/14/EC Noise emission in the environment by equipment for use outdoors, 2014/30/EU Electro Magnetic Compatibility and Regulation (EU) No 305/2011 - Construction products

Date of issue: 2017-06-07

Stara Zagora

Manager CTEC Ltd.

/dipl. eng. Blagovesta Shineva/



This Certificate includes one Annex with 1 (one) page



ANNEX 1

To the Certificate № LVD- 17- 000- (2e-17-393-396)- 016E

1. Domestic exhaust fan series: MM® Y Z 100

Where:

Y - corresponds to the shape of the front grille

Z - corresponds to the colour of the front grille, and that is:

W - White, B - Black, C - Chrome, I - Inox, E - Ecru, G - Gold,

M - Mosaic, T - Timber wood, D - Deep wood

model: **MM® P W 100**

169 m³/h; 19 W; IP 56; t:+130°C; 50 Hz; 230V; 0,120 A; 32 dB; 62 Pa

type representative of models: **MM® Q Z 100; MM® R Z 100;**

MM® V Z 100; MM® A Z 100; MM® X Z 100; MM® O Z 100;

MM® P Z 100; MM® S Z 100

2. Domestic exhaust fan series: MMCL Y Z 100

Where:

Y - corresponds to the shape of the front grille

Z - corresponds to the colour of the front grille, and that is:

W - White, B - Black, C - Chrome, I - Inox, E - Ecru, G - Gold, M - Mosaic

model: **MMCL Q W 100**

105 m³/h; 13 W; IP 24; t:+40°C; 50 Hz; 230 V; 0,075 A; 29 dB; 59 Pa

type representative of models: **MMCL Q Z 100; MMCL R Z 100;**

MMCL V Z 100; MMCL A Z 100; MMCL X Z 100; MMCL O Z 100;

MMCL W Z 100; MMCL P Z 100

3. Domestic exhaust fan series: MMUE Y Z 100

Where:

Y - corresponds to the shape of the front grille

Z - corresponds to the colour of the front grille, and that is:

W - White, B - Black, C - Chrome, I - Inox, E - Ecru, G - Gold, M - Mosaic

model: **MMUE Q W 100**

100 m³/h; 5,5W; IP24; t:+40°C; 50 Hz; 230 V; 0,058 A; 20,5dB; 52 Pa

type representative of models: **MMUE Q Z 100; MMUE R Z 100;**

MMUE A Z 100; MMUE V Z 100; MMUE X Z 100; MMUE O Z 100;

MMUE W Z 100; MMUE P Z 100

4. Domestic exhaust fan series: MM2 Z

Where:

Z - corresponds to the colour of the front grille, and that is:

W - White, B - Black, C - Chrome, I - Inox, E - Ecru, G - Gold, M - Mosaic

model: **MM2 W**

2x50 m³/h; 7,5W; IP24; t:+40°C; 50 Hz; 230 V; 0,050 A; 29 dB; 55 Pa

type representative of models: **MM2 W; MM2 B; MM2 I; MM2 E;**

MM2 G

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Stara Zagora

Manager CTEC Ltd.:
/dipl. eng. Blagovesta Shineva/

