

TYPE CERTIFICATE



Registration number 12.169.947

issued for the manufacturer:

2VV s.r.o.
Fáblovka 568
CZ - 533 52 Pardubice - Polabiny
Company Registration No.: 62065467

for the product:

Name: **Ventilation unit**
 Type designation: **AHAL, Trade Name: ALFA EC Comfort**
 Modification: specified in annex of this certificate
 Place of the production: **Fáblovka 568, CZ - 533 52 Pardubice - Polabiny**

at which the certification has been conducted pursuant to ISO/IEC 17067 – scheme 3 certification scheme in accordance with TÜV SÜD Czech certification system. The results are stated in Evaluation report file No. 12.206.649 from 12.06.2019.

The product type mentioned above fulfils the applicable requirements of the following regulations/standards which were the basis for its evaluation:

Government Regulation No.118/2016 Coll. (EP Directive 2014/35/EU),
 Government Regulation No.117/2016 Coll. (EP Directive 2014/30/EU),
 ČSN EN 60335-1 ed.3:2012 (EN 60335-1:2012),
 ČSN EN 60335-2-30 ed.3:2010+A11:12 (EN 60335-2-30:2009+A11:12),
 ČSN EN ISO13857:2008 (EN 13857:2008),
 ČSN EN 61000-6-4 ed.2:2007 (EN 61000-6-4:206),
 ČSN EN 55014-2 ed.2:2014(CISPR 14-2:2015).

This certificate is valid till: **08.07.2024**

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 2 pages.

This certificate is issued on the basis of voluntary certification, and it does not substitute outputs of the authorized or notified body.

Prague, 08.07.2019



Head of the certification body

1. The product specimen was entered for evaluation and type certification on 18.04.2019.
2. The Certificate was issued on the basis of the documents provided by the client:
 - Purchase order No.: ONR2300672 from 05.04.2019
 - Producing and accompanying technical documentation
 - Application for certification
3. The assessment of factory production control was performed at the product manufacturer concentrating on elements ensuring the continuation of product conformity with certification requirements.
4. Detailed technical data characterizing the product type:

Name:	Ventilation unit
Type:	AHAL, Trade name: ALFA EC Comfort
IP code:	IP20
Protection class:	I
Voltage:	230/400 V – 50/60 Hz
Producer:	2VV s.r.o., Fáblovka 568, CZ - 533 52 Pardubice - Polabiny



Parameters of the type modifications:

Modification	Power voltage	Fan speed (tr/min)	Current(A)	Power (kW)	Weight (kg)
AHAL4-050HX00E40-XS0...	230V - 50/60Hz	3635	1	0,17	34
AHAL4-050HX00E40-XE1...	230V - 50/60Hz	3635	15,5	3,40	36
AHAL4-050HX00E40-XE2...	400V - 50/60 Hz	3635	10,5	6,7	36
AHAL4-050HX00E40-XV2...	230V - 50/60Hz	3635	1	0,17	36
AHAL4-100HX00E40-XS0...	230V - 50/60Hz	2900	1,1	0,18	37
AHAL4-100HX00E40-XE0...	230V - 50/60Hz	2900	15,5	3,40	41
AHAL4-100HX00E40-XE1...	400V - 50/60Hz	2900	10,5	6,7	41
AHAL4-100HX00E40-XE2...	400V - 50/60 Hz	2900	15	10	41
AHAL4-100HX00E40-XE3...	400V - 50/60 Hz	2900	20	13,65	41
AHAL4-100HX00E40-XV2...	230V - 50/60Hz	2900	1,1	0,18	41
AHAL4-200HX00E40-XS0...	230V - 50/60Hz	2600	2,9	0,47	50
AHAL4-200HX00E40-XE1...	400V - 50/60 Hz	2600	21	14	55
AHAL4-200HX00E40-XE2...	400V - 50/60 Hz	2600	28	18,5	55
AHAL4-200HX00E40-XE3...	400V - 50/60 Hz	2600	41	27,5	55
AHAL4-200HX00E40-XV2...	230V - 50/60Hz	2600	2,9	0,47	55
AHAL4-300HX00E40-XS0...	400V - 50/60 Hz	2580	2	1,1	65
AHAL4-300HX00E40-XE1...	400V - 50/60 Hz	2580	31	21	70
AHAL4-300HX00E40-XE2...	400V - 50/60 Hz	2580	41	28	70
AHAL4-300HX00E40-XE3...	400V - 50/60 Hz	2580	59,8	41	70
AHAL4-300HX00E40-XV2...	400V - 50/60 Hz	2580	2	1,1	70
AHAL4-500HX00E40-XS0...	400V - 50/60 Hz	2600	2,65	1,8	95
AHAL4-500HX00E40-XV2...	400V - 50/60 Hz	2600	2,65	1,8	104
AHAL4-800HX00E40-XS0...	400V -50/60 Hz	2040	4,15	2,85	120
AHAL4-800HX00E40-XV2...	400V -50/60 Hz	2040	4,15	2,85	128

5. List of important parts of the technical documentation:

- Is stated in the Evaluation report file No. 12.206.649 from 12.06.2019.

6. Validity Conditions

- The certificate shall apply only to its holder and products and production places mentioned therein.
- The transfer of the certificate by its owner to third parties is inadmissible as well as the use of certificate by third parties.
- TÜV SÜD Czech shall be notified forthwith of any product modifications compared to the certified specimen. This fact may cause the certificate continuation dependent on an additional conformity evaluation.
- TÜV SÜD Czech shall supervise the proper functioning of the Quality System at the manufacturer within a once a year period on the basis of a concluded contract about the controlling activity
- The certificate can be renewed on request.
- The certificate shall only be reproduced complete including all the annexes.
- The right to use TÜV SÜD Czech certification mark was not established to the certificate.
- The certificate holder commits to keep records of all the relevant complaints concerning the conformity of the products with the requirements of regulations and standards and make those records available to the certification body TÜV SÜD Czech.
- Not specified items (advertising, use of certification mark and certificates) are governed by the General Conditions for Product Certification, as amended.

