

TYPE CERTIFICATE



Czech

Registration number **11.905.410**

issued for the manufacturer:

2VV s.r.o.
Poděbradská 289
CZ - 530 09 Pardubice - Trnová
Company Registration No.: 62065467

for the product:

Name: **Heat recovery unit VENUS**
 Type designation: **HRV**
 Modification: **specified in Annex Certificate**
 Place of the production: **Fáblovka 568, CZ - 533 52 Pardubice - Staré Hradiště**

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. 06.794.321 from 25.10.2013 and report file No. 11.939.298 form 30.11.2018.

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

ČSN EN 60335-1 ed.3:2012 (idt EN 60335-1:2012),
 ČSN EN 60335-2-30 ed.3:2010 + A11:12 (idt EN 60335-2-30:2009 + A11:12),
 ČSN EN 60204-1 ed.2:2007+A1:2009 + Opr.1:2011
 (idt EN 60204-1:2006 + EN 60204-1/A1:2009 + EN 60204-1/Cor.:2010),
 ČSN EN ISO13857:2008 (idt EN 13857:2008),
 ČSN EN 55014-1 ed.3:2007 + A1:10 + A2:12 (idt EN 55014-1:2006 + A1:09 +
 A2:11),
 ČSN EN 55014-2 ed.2:2014 (idt CISPR 14-2:2015)

This certificate is valid till: **04.01.2024**

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 1 page.

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

Prague, 04.01.2019



Head of the certification body

1. The product specimen was entered for evaluation and type certification on 02.09.2013 + recertification from 12.11.2018.
2. The Certificate was issued on the basis of the documents provided by the client:
 - Purchase order No.: TL002/2018/2vv
 - Undermentioned 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: Heat recovery unit VENUS
 Type: HRV
 IP code: IP20
 Protection: I



Type - modification:	Maximal air flow [m³/h]	Supply filter class	Voltage [V]	Fre-quency [Hz]	Fan power [W]	Pre - heater input [kW]	Weight [kg]	L _p A in 3 m [dB]	Duct diameter [mm]	Unit height [mm]	Unit width [mm]	Unit length [mm]
HRV14EC	185	ePM 2,5	230	50/60	53	0,6	19,7	37,7	160	270	555	1000
HRV15AC	185	ePM 10	230	50	105	1,0	17,4	37,3	160	270	555	1000
HRV15EC	175	ePM 2,5	230	50/60	65	1,0	17,2	37,7	160	270	555	1000
HRV30AC	265	ePM 10	230	50	145	1,3	19,5	38,9	160	270	555	1000
HRV30EC	315	ePM 2,5	230	50/60	170	1,3	19,3	43,5	160	270	555	1000
HRV50AC	515	ePM 10	230	50	230	2,5	35	47,1	250	360	846	1391
HRV50EC	535	ePM 2,5	230	50/60	220	2,5	35,5	45,8	250	360	846	1391
HRV70AC	650	ePM 10	230	50	270	2,5	40	42,9	250	360	846	1391
HRV70EC	785	ePM 2,5	230	50/60	430	2,5	40,7	53,6	250	360	846	1391

5. List of important parts of the technical documentation:
 - Is stated in the Evaluation report file No. 11.939.298 from 30.11.2018.
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.