

# TYPE CERTIFICATE



Registration number 12.110.656, Revision No. 2

issued for the manufacturer:

**Družstevní závody Dražice – strojírna s.r.o.**  
**Dražice 69**  
**CZ - 294 71 Benátky nad Jizerou**  
**Company Registration No.: 45148465**

for the product:

Name: **Water heaters**  
 Type designation: **OKC, OKCE, OKCEV, OKCV, OKH, OKHE, OKHEV, OKHV, OVE, CLOSE, BTO, TO, PTO, HMTM, HTMS, NAD, NADO, NADE, NADEO, NADS, NADOS, UKV, TJ, TPK, Slunečnice, Lucie, Hubert, TS-S, DD-WH, HOTLINE, UBS, ACH, WTPSK, HSB, DD-ST, DD-WH, NIBE UKV, VPC, INTEGRA, ZB, HA-DR, HA-DR T, MX**  
 Modification: see the annex of this certificate  
 Place of the production: **Dražice 69, CZ - 294 71 Benátky nad Jizerou, Czech republic**

at which the certification has been conducted pursuant to certification scheme SCH3 – based on ISO/IEC 17067, scheme 3 and in accordance with TÜV SÜD Czech certification system. The results are stated in Evaluation report file No. 14.942.362 from 16.12.2022.

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+A15:2021, ČSN EN 60335-2-21 ed.2:2004+Z1:2021,**  
**ČSN 06 1010:1985+A:1986, ČSN 06 0830:2014+Z1:2014, ČSN EN 12897+A1:2020,**  
**ČSN EN 55014-1 ed.4:2017+Z1:2021, ČSN EN 55014-2 ed.2:2017+Z1:2021,**  
**ČSN EN IEC 61000-3-2 ed.5:2019+A1:2021, ČSN EN 61000-3-3 ed.3:2014+A2:2022.**

This certificate is valid till: **25.09.2024**

Details and validity conditions are stated in the annex which forms an integral part of this Certificate and contains 4 pages.

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

Prague, 03.02.2023



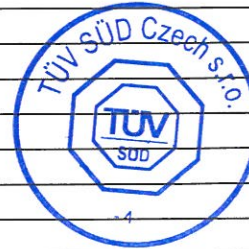
Head of the certification body

1. The product specimen was entered for evaluation and type certification on 04.03.2019.
2. The Certificate was issued on the basis of the documents provided by the client:
  - 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:

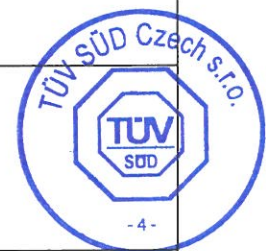
<b>Name, designation, method of installation</b>	
<b><i>Electric storage water heaters</i></b>	
OKCE	50, 80, 100, 125, 160, 180, 200, 220
OKCE	50, 80, 100, 125, 160, 180, 200, 220 SMART
OKCE	80, 100, 125, 160, 180, 200 2/6 kW
OKCE	80, 100, 125, 160, 200 2/2 kW
OKCE	80, 100, 125, 160, 200 2/4 kW
OKCE	80, 100, 125, 160, 200 – 4 kW
OKHE	50, 80, 100, 125, 160, 180, 200, 220
OKHE	50, 80, 100, 125, 160, 180, 200, 220 SMART
OKHE	80, 100, 125, 160 2/6 kW
OKCE	100, 125, 160, 200, 250, 300 S/2,2 kW
OKCE	100, 125, 160, 200, 250, 300 S/2,2 kW SMART
OKHE	80, 100, 125, 160, 200, 250 S/2,2 kW
OKHE	80, 100, 125, 160, 200, 250 S/2,2 kW SMART
OKCE	160, 200, 250, 300, 350, 400, 450, 500, 750, 800, 1000 S/3-6 kW
OKHE	80, 100, 125, 160, 200, 250 S/3-6 kW
OKHE	80, 100, 125, 160, 200, 250 S/3-6 kW SMART
OKCE	160, 200, 250, 300, 350, 400, 450, 500, 750, 800, 1000 S/5-9 kW
OKCE	160, 200, 250, 300, 400, 500, 750, 800, 1000 S/5-9 kW SMART
OKCE	160, 200, 250, 300, 350, 400, 450, 500, 750, 800, 1000 S/8-12 kW
OKCE	160, 200, 250, 300, 350, 400, 450, 500, 750, 800, 1000 S
OKCE/E	80, 100, 125, 160, 200
OKHE/E	50, 80, 100, 125, 160, 200
OKHE ONE/E	30, 50, 80, 100, 120
OKHE ONE	20, 30, 50, 80, 100, 120
TO	20, 30, 20.1, 30.1
<b><i>Electric storage water heater with horizontal working position</i></b>	
OKCEV	100, 125, 160, 180, 200, 220
OKCEV	100, 125, 160, 180, 200, 220 SMART
OKHEV	100, 125, 160, 180, 200, 220
OKHEV	100, 125, 160, 180, 200, 220 SMART
OKCEV	80, 100, 125, 160, 200, 220 – 4 kW
<b><i>Combined storage water heaters</i></b>	
OKC	80, 100, 125, 160, 180, 200, 220
OKC	100, 125, 160, 180, 200, 220 SMART
OKC	100, 125, 160, 200 – 4 kW
OKC	100, 125, 160, 200/1 m <sup>2</sup> 2/2 kW
OKC	100, 125, 160, 200/1 m <sup>2</sup> 2/4 kW
OKC	100, 125, 160, 200/1 m <sup>2</sup> 4 kW
OKC	50, 80, 100, 125, 160, 200 LC
OKC	80, 100, 125, 160, 180, 200 2/6 kW
OKH	80, 100, 125, 160, 180, 200, 220
OKH	80, 100, 125, 160, 180, 200, 220 SMART
OKC	100, 125, 160, 180, 200, 220/1 m <sup>2</sup>
OKC	100, 125, 160, 180, 200, 220/1 m <sup>2</sup> SMART
OKC	100, 125, 160, 180, 200 /1 m <sup>2</sup> 2/6 kW



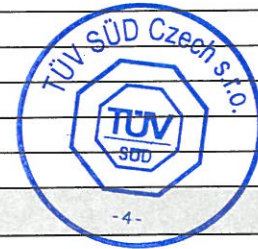
OKH	100, 125, 160, 180, 200, 220/1 m2
OKH	80, 100, 125, 160, 180, 200, 220/1 m2 SMART
OKC	200/1 m2 2/4 kW
OKC	80, 100, 125, 160, 200, 250 NTR/HV
OKH	80, 100, 125, 160, 200, 250 NTR/HV
OKC	80.1, 100.1, 125.1, 160.1, 200.1, 250.1 NTR/HV
OKC	30, 40, 50, 60, 80, 100, 125, 160, 200 NTR/Z
OKH	30, 40, 50, 60, 80, 100, 125, 160, 200 NTR/Z
<b>Combined storage water heaters with horizontal working position</b>	
OKCV	100, 125, 160, 180, 200, 220
OKCV	100, 125, 160, 180, 200, 220 SMART
OKHV	100, 125, 160, 180, 200, 220
OKHV	100, 125, 160, 180, 200, 220 SMART
OKCV	80, 100, 125, 160, 200 – 4 kW
<b>Indirect heaters</b>	
OKC	30, 40, 50, 60, 80, 100, 125, 160, 200, 250 NTR
OKH	30, 40, 50, 60, 80, 100, 125, 160, 200, 250 NTR
OKC	200, 250 NTRR
OKH	200, 250 NTRR
OKCE	80, 100, 125, 160, 200, 250, 300 NTR/2,2 kW
OKCE	80, 100, 125, 160, 200, 250, 300 NTR/2,2 kW SMART
OKCE	80.1, 100.1, 125.1, 160.1, 200.1, 250.1 NTR/HV/2,2 kW
OKHE	80, 100, 125, 160, 200, 250 NTR/2,2 kW
OKHE	80, 100, 125, 160, 200, 250 NTR/2,2 kW SMART
OKCE	200, 250, 300 NTRR/2,2 kW
OKHE	200, 250 NTRR/2,2 kW
OKHE	200, 250 NTRR/2,2 kW SMART
OKCE	300 NTR/ 3-6 kW
OKCE	300 NTR/ 6,6 kW
OKCE	300 NTRR/3-6 kW
OKCE	300 NTRR/6,6 kW
OKCE	100,125 NTR/HV/2,2 kW
OKC	400, 500 NTRR/HP/SOL
OKC	160, 200, 250, 300, 350, 400, 450, 500 NTR/SOL
OKC	160, 200, 250, 300, 350, 400, 450, 500 NTRR/SOL
OKC	160, 200, 250, 300, 400, 500 NTR/HR
OKC	160, 200, 250, 300, 400, 500 NTRR/HR
OKC	30, 40, 50, 60, 80, 100, 125, 160, 200, 250, 300, 350, 400, 450, 500, 750, 1000 NTR/BP
OKH	100, 125, 160, 200, 250 NTR/BP
OKC	200, 250, 300, 350, 400, 450, 500, 750, 1000 NTRR/BP
OKH	200, 250, NTRR/BP
OKC	160, 200, 250, 300, 400, 500, 600, 750, 800, 900, 1000, 1250, 1500 NTR/HP
<b>Indirect heaters with horizontal working position</b>	
OKCV	100, 125, 160, 180, 200, 220 NTR
OKHV	100, 125, 160, 180, 200, 220 NTR
<b>Storage tanks</b>	
NAD	40, 50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 - v20)
NADO	50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 - v20)
NADE	50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 - v20)
NADOE	50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 - v20)



NADS	50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 - v20)
NADOS	50, 80, 100, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 750, 800, 900, 1000, 1250, 1500, 2000, 2500, 3000, 4000 (v1 - v20)
UKV	200, 250, 300, 350, 400, 450, 500
<b>Non-pressure water heaters- small</b>	
CLOSE	CLOSE 10 UP/IN, CLOSE 15 UP/IN
TO	TO 5 UP/IN, TO 10 UP/IN, TO 15 UP/IN, TO 5.1 UP/IN, TO 10.1 UP/IN, TO 30 IN
TO/E	TO/E 5.1 UP/IN, TO/E 10.1 UP/IN
BTO	BTO 5 UP/IN, BTO 10 UP/IN
<b>Electric flow heaters - boilers</b>	
PTO	PTO 3,5; PTO 5; PTO 6,5; PT 8
<b>Heaters</b>	
TPK	150-8/1,5 kW, 150-8/2,2 kW, 150-8/3,3 kW, 150-8/4 kW, 150-8/6 kW, 150-8 S/2,2 kW, 168-8/2,2 kW, 168-8/3,3 kW, 168-8/4 kW, 168-8/6 kW, 210-12/2,2 kW, 210-12/3,3 kW, 210-12/3-6 kW, 210-12/6,6 kW, 210-12/5-9 kW, 210-12/12 kW
TJ 6/4"	2 kW, 2,5 kW, 3,3 kW, 3,75 kW, 4,5 kW, 6 kW, 7,5 kW, 9 kW
TJ 6/4" S	2 kW, 2,5 kW, 3,3 kW, 3,75 kW, 4,5 kW, 6 kW, 7,5 kW, 9 kW
TJ 6/4" E	2 kW, 2,5 kW, 3,3 kW, 3,75 kW, 4,5 kW, 6 kW, 7,5 kW, 9 kW
TJ 2" HP	6 kW, 9 kW, 12 kW
TJ 2" EHP	6 kW, 9 kW, 12 kW
REU 18-	2,5 kW
RDU 18-	2,5; 3; 3,8; 4; 5; 6; 7,5; 9; 12;15 kW
RDW 18-	7,5; 9; 10 kW
RSW 18-	12; 15 kW
BWHE	-3, -6, -9, -3 verze B
<b>Photovoltaic water heaters</b>	
Slunečnice	S1, S2, S3, S4, S5, S6, S7/SMART, /SMART GRID
<b>System units for heat pumps</b>	
LUCIE split	150, 200, 250, 300, 400/6, 8-12, 16
LUCIE monoblock	150, 200, 250, 300, 400
<b>System units</b>	
HUBERT monoblock	Power capacity not specified
HUBERT split	6,8-12,16
HUBERT monoblock+	Power capacity not specified
HUBERT split+	6,8-12,16
<b>System units with storage</b>	
HMTM	200, 250, 300, 400
HMTS-6	200, 250, 300, 400
HMTS-8-12	200, 250, 300, 400
HMTS-16	200, 250, 300, 400
<b>Water heaters</b>	
TS-S	200, 250, 300 RR/SOL, NTR/SOL
DD-WH	3030, 3040, 3050-1 F
HOTLINE	E80, E100, E125, E160
UBS	100, 160
ACH	250 TUV
<b>Storage water heaters</b>	
Assembly	OKC 160 NTR / HR 160



<b>Accessories</b>	
Electrical installation + flange	OKCV 180,200 – 4 kW; OKH – 560 mm – 4 kW; OKC – 560 mm – 4 kW; OKCV 125,160; OKCV 180,200; OKC, OKCE 180,200; OKC, OKCE, OKHE 50-160; OKCE 100 NTR/2,2kW; OKCE 125 NTR/2,2kW; OKCV 180,200 - 4kW; OKCV 180,200; OKC(H)E 80-160; OKC(H)E 80-160 - 4kW; OKCE 100 NTR/2,2kW; OKCE 125 NTR/2,2kW; OKC(E)V 100-160
Thermo regulation box:	KR-230 V
Exchanger	3,17 m <sup>2</sup>
<b>Accumulation tanks</b>	
WTPSK / WTPSK split	100, 101
HSB	50L, 120L
DD-ST	9010, 9030, 9050, 9075, 9100, FC, W/FC, F, FI
DD-WH	7100 1F, 7050 2FS, 8025 F, 7100 2 FS, 7100 1FI, 7075 1F, 7075 2 FS, 7075 1FI
NIBE UKV	300, 500
VPC	500, 750
INTEGRA	400-100, 500-120, 800-200
ZB	HX80
ACH	120, 250 ANU
<b>Instantaneous water heaters</b>	
HA-DR	135 (3,5 kW), 145 (4,5 kW); 155 (5,5 kW)
HA-DR T	135 (3,5 kW), 145 (4,5 kW); 155 (5,5 kW)
MX	2207 – 4,5/7 kW; 2209 – 5,5/9 kW; 2211 – 5,5/11 kW



## 5. List of important parts of the technical documentation:

- Is stated in the Evaluation reports reg. No. 12.306.155 from 28.06.2019, reg. No. 14.165.601 from 03.12.2021 and reg. No.14.942.362 from 16.12.2022.

## 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 period of once a year 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.

This certificate is a revision No. 2 of the certificate No. 12.110.656, issued 25.09.2019.

