



Notified laboratory NB 2693
HEATEST, s.r.o., č. p. 84, 276 01 Býkev, Czech Republic

issues

for the purposes of with Regulation (EU) No 305/2011 of the European Parliament and Council of 9 March 2011,
(the Construction products Regulation or CPR) as amended this

ASSESSMENT OF PERFORMANCE REPORT

No. 2693-CPR-0023-2023

for construction product:

Family of construction product: **Towel radiator**
Intended use: in heating systems in buildings
Type, name or trademark: **JDWY CH 22Y**
Manufacturer: **TIANJIN JIUDING YANGGUANG HVAC CO., LTD.**
Full address: No. 9 Wuwei Road, Lutai Ninghe Tianjin City, China (PRC)
Manufacturing site: No. 9 Wuwei Road, Lutai Ninghe Tianjin City, China (PRC)
Registered trade mark **JIUDING RADIATOR**

This Assessment of Performance Report attest that the performance of the above-mentioned construction product has been assessed under AVCP system 3 with regard to the essential characteristic listed at Annex No 1 of this Report in accordance with harmonised standard

EN 442-1:2014

This Report will remain applicable as long as neither the harmonised standard, the construction product, nor the AVCP methods are modified significantly. Its distribution without the written consent of the NB2693 is possible only as a whole, including the Annexes, which are an integral part of the Report.

This Report covers only essential characteristic(s) mentioned in Annex No. 1 of this Report. It is not an exhaustive statement of the performance of the product. The manufacturer is entitled to declare the performance of other essential characteristics than those mentioned in Annex No. 1 of this Report.

This Report is not considered a product certificate or a document to accompany the product nor the Declaration of Performance.

Number of report pages including main page and Annexes: 3
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The person taking responsibility for the content of this report:

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Head assessor

The person taking responsibility for the correctness of this report:

Tomáš Langer
Head of the NB 2693

At Býkev on: 29. 03. 2023

Copy No. 1



Annex No. 1: Assessed essential characteristics

| Essential characteristic Clause No. – Description | Performance Level or class, units | Basis for the assessment of performance |
|--|--|--|
| 4.3 Reaction to fire | A1 | Descriptive documentation 048/2023 |
| 4.4 Release of dangerous substances | None | Descriptive documentation SGS Test Report (SVHC) No.TSNEC2000446701 from 08.04. 2020 |
| 4.5 Pressure tightness | no leakage at 1,3 × maximum operating pressure (MOP) [kPa] | Descriptive documentation Product details from 27.03.2023 |
| 4.6 Surface temperature | Maximum 100 °C | Descriptive documentation Product details from 27.03.2023 |
| 4.7 Resistance to pressure | no breakage at 1,69 × MOP MOP: 1000 kPa | Test report No. 048/2023 |
| 4.9 Rated thermal output | see Annex No. 2 | Test report No. 048/2023 |
| 4.10 Thermal output in different operating conditions | see Annex No. 2 | Test report No. 048/2023 |
| Durability as: | | |
| 4.11 Resistance against corrosion | No corrosion after 100 h humidity | Test report No. P-VZLUTEST-068/23 |
| 4.11 Resistance against minor impact | ISO 2409:2013 – 1c – 0 | Test report No. 048/2023 |

end of Annex No. 1

Annex No. 2 Table of thermal outputs

| Model SKU | Standard rated thermal output Φ_{50} (W) | Standard low temperature thermal output Φ_{30} (W) | Thermal output in different operating conditions, as $\Phi = K_M \times \Delta T^n$ | |
|------------------|--|--|--|--------|
| | | | K_M | n |
| JDWY CH 22Y 0740 | 255 | 134 | 1,8091 | 1,2649 |
| JDWY CH 22Y 1040 | 365 | 192 | 2,6244 | 1,2614 |
| JDWY CH 22Y 1240 | 437 | 230 | 3,1741 | 1,2591 |
| JDWY CH 22Y 1640 | 580 | 305 | 4,2848 | 1,2544 |
| JDWY CH 22Y 1840 | 650 | 343 | 4,8448 | 1,2521 |
| JDWY CH 22Y 0750 | 309 | 162 | 2,1791 | 1,2665 |
| JDWY CH 22Y 1050 | 443 | 233 | 3,1918 | 1,2611 |
| JDWY CH 22Y 1250 | 531 | 279 | 3,8786 | 1,2575 |
| JDWY CH 22Y 1650 | 702 | 371 | 5,2731 | 1,2502 |
| JDWY CH 22Y 1850 | 784 | 415 | 5,9788 | 1,2466 |
| JDWY CH 22Y 0760 | 363 | 190 | 2,5441 | 1,2682 |
| JDWY CH 22Y 1060 | 522 | 274 | 3,7605 | 1,2608 |
| JDWY CH 22Y 1260 | 652 | 329 | 4,5919 | 1,2559 |
| JDWY CH 22Y 1660 | 824 | 436 | 6,2933 | 1,2460 |
| JDWY CH 22Y 1860 | 919 | 488 | 7,1602 | 1,2410 |

end of Annex No2, end of the Assessment of Performance Report