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TEST REPORT UNDER THE PM STANDARD

DeLonghi HFX25S20 Ceramic Tower Fan Heater

White/black, tower design with remote control

86 %

TEST RESULT

very good

259 of 300 points

Test number	**2610000915**	Product group	**Heating / Ceramic fan heaters**
Brand	**De'Longhi**	Test period	**10/2026**
Model	**HFX25S20**	Valid from	**19.10.2026**
Offer price	**EUR 113.00**	Type of test	**Editorial, bought at retail**

Type of test. This states only who initiated and paid for the test. It has no bearing on procedure, method or result.

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Test framework

Product tested	DeLonghi HFX25S20 Ceramic Tower Fan Heater — White/black, tower design with remote control
Test number	2610000915
Test sample	One unit, factory-new, delivered unopened
Source	Bought at retail, not commissioned by the manufacturer
Test period	10/2026 · five-day test cycle
Offer price	EUR 113.00 during the test period
What was tested	Functional testing in everyday use. Not included: long-term testing, chemical analysis and testing under controlled climate conditions.

Method

The rating follows the PM Standard: ten test parameters grouped in three rating areas. The weighting is fixed before testing begins and is the same for every product.

For each parameter, a category benchmark is set before the sample is rated. Every point deducted is tied to a named finding.

Test items that do not apply are treated as neutral and are removed from the calculation together with their weighting.

Area	Points	Share
A Product Characteristics	100	33.3 %
B Use and Safety	120	40.0 %
C Feedback and Service	80	26.7 %
Total	**300**	**100 %**

Rating key

Percent	Rating	Certification
100 – 95 %	● excellent	qualifies
94 – 85 %	● very good	qualifies
84 – 75 %	● good	qualifies
74 – 65 %	● satisfactory	does not qualify
64 – 0 %	● poor	does not qualify

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How this report is organised

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Technical data

Design	Ceramic fan heater, tower, oscillating
Heating element	Ceramic (PTC), self-regulating
Heat output	1,200 W level 1 · 2,000 W level 2
Operating modes	Heat 1 and 2, Eco, frost protection, fan
Room thermostat	electronic, display in °C or °F
Eco function	automatic level switching, setpoint up to 26 °C
Frost protection	maintains 7 °C
Timer	delayed on and off, 0.5 to 10 h
Remote control	included, CR2025 coin cell
Room volume	up to 60 m³
Power supply	220–240 V, 50–60 Hz
Dimensions (W × D × H)	155 × 196 × 590 mm
Weight	1.8 kg
Safety	tip-over switch, overheat protection
Error codes	Ht overheating · PF temperature sensor
EU spare parts	10 years

In the box

- HFX25S20 heater with base
- Remote control with CR2025 coin cell
- Instruction manual, multilingual

Manufacturer

Company	De'Longhi Appliances s.r.l.
Address	Via L. Seitz 47, 31100 Treviso, Italy
Data sheet	Instruction manual, issue 02/2021
Specification	Manufacturer data 10/2026

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Advertised features

1. Fast, targeted heat
2. Ceramic technology with self-regulating output
3. Quiet heat distribution via Silence System
4. Oscillating base for wide distribution
5. Eco Plus without wasting energy
6. 24-hour timer
7. Rear handle for moving between rooms
8. Automatic shut-off when tipped over

Where it stands in its class

Each bar shows where the test sample sits within the range that is typical for this product group. A full bar means the top of the class, not the best possible.

Heat output		**2,000 W of 1,500–2,000 W**
Power levels		**2 of 2–3**
Room size		**approx. 24 m² of 20–30 m²**
Weight		**1.8 kg of 1.7–2.7 kg**
Timer		**10 h of 8–12 h**
Remote control		**included**
Frost protection		**7 °C**
Safety shut-off		**tip-over and overheating**
EU spare parts		**10 years**

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Test environment

Location	Indoors, level surface
Power supply	Household socket 230 V
Operating modes	Heat 1 and 2, Eco, fan, frost protection
Duration of use	five days in practical use

What the rating is based on

Source	Used for	Applies to
Test sample	Visual, tactile and functional checks, measurements	all parameters
Manufacturer specification	technical values, conformity	parameters 1 to 6
Category benchmark	classification of measured values, set before the test	all parameters
Market observation	price level, feature comparison	parameter 10
Customer reviews	synopsis of published reviews	parameter 8

In all other parameters, only what was found on the test sample or derived from technical data is rated.

Procedure

STEP 1 **Receipt and inspection.** Packaging, contents and CE marking recorded, housing checked by hand.

STEP 2 **Setup.** Base assembled, coin cell activated, all operating modes cycled through.

STEP 3 **Heating.** Both levels and Eco run, oscillation and timer checked.

STEP 4 **Noise.** Level 2 assessed from three metres at conversation distance.

STEP 5 **Safety.** Tip-over switch triggered, housing temperature beside the grille checked.

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Test items not applicable

3 test items did not apply to this product and were treated as neutral. They cause no deduction.

Test item	Reason
Battery life	Mains operation, no energy storage
Weather resistance	designed for indoor use only
Consumables	none required

A feature the design does not provide is not a defect. It is neither rated nor weighted.

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The ten test parameters

No.	Test parameter	Score	Points	Share
1	Build Quality	●	**44** / 50	88 %
2	Design	●	**18** / 20	90 %
3	Size & Weight	●	**30** / 30	100 %
4	Functionality	◕	**32** / 40	80 %
5	Ease of Use & Suitability	◕	**33** / 40	82 %
6	Safety	●	**38** / 40	95 %
7	Advertising Claims	◕	**11** / 15	73 %
8	Customer Feedback	◕	**17** / 20	85 %
9	Packaging & Labelling	●	**15** / 15	100 %
10	Value for Money	◕	**21** / 30	70 %

○ 0 – 12 % ◔ 13 – 37 % ◑ 38 – 62 % ◕ 63 – 87 % ● 88 – 100 %

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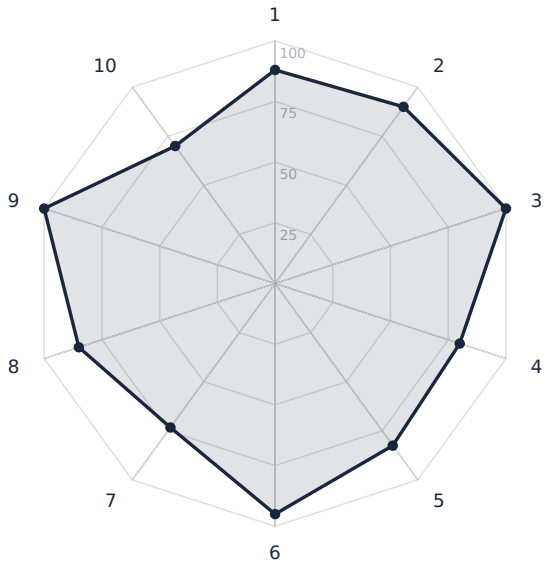
Parameter profile



Reading the profile

The profile is slightly uneven. Most parameters sit close together, a few fall noticeably behind.

The average across all ten parameters is **86 percent**. Noticeably below this average: **Advertising Claims, Value for Money**.

A dip on one axis affects the overall result only in proportion to the weight of its rating area. A weak parameter in area B counts for more than the same value in area C.

The axis starts at zero; all values are shares of the points available. The digits match the numbering of the test parameters.

Result by rating area

Area	Points	Achieved	Applies to
A Product Characteristics	92 / 100	92.0 %	33.3 %
B Use and Safety	103 / 120	85.8 %	40.0 %
C Feedback and Service	64 / 80	80.0 %	26.7 %
Overall	**259 / 300**	**86.3 %**	**100 %**

Areas side by side

A Product Characteristics — **92.0 %**

B Use and Safety — **85.8 %**

C Feedback and Service — **80.0 %**

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4 · Results at a Glance

Key figures

STRONGEST RESULT
100 %
Size & Weight

WEAKEST RESULT
70 %
Value for Money

SPREAD
30
percentage points between strongest and weakest

AVERAGE
86 %
across all ten parameters

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5 · Measurements and Benchmarks

The bar marks the measured value; the grey band marks the range of the category benchmark. All axes start at zero. How the values were obtained is described in chapter 3.

Test item	Test sample	Benchmark	Position	Assessment
Heat output, maximum	**2,000 W**	Class 1,500–2,000 W		upper end
Power levels	**1,200 / 2,000 W**	2 to 3 levels		class standard
Room size	**60 m³, approx. 24 m²**	20–30 m²		middle
Weight	**1.8 kg**	Class 1.7–2.7 kg		lower end
Height	**59 cm**	Tower design 40–76 cm		middle
Timer range	**0.5–10 h**	Class 8–12 h		within standard
Eco setpoint, maximum	**26 °C**	Thermostat up to 35 °C		limited
Frost protection	**7 °C**	not standard across the class	—	above standard
Operating noise	**not disturbing**	Class 34–57 dB	—	no rating figure
Price per kW heat output	**EUR 56.50**	Comparison group EUR 27.18–49.50		above market level

Notes on the measurements

Room size. The manufacturer's 60 m³ corresponds to approx. 24 m² at a ceiling height of 2.5 m.

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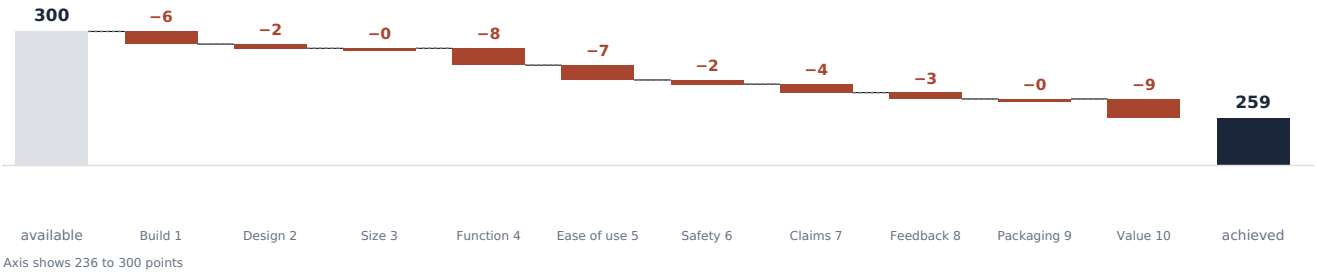
Where the points were lost



Of 300 points available, 41 were lost to named findings. Each deduction is tied to a finding in the rating section.

How the result is calculated

The three rating areas enter the overall result with 100, 120 and 80 of 300 points. The weighted percentage determines the rating.

Area	Achieved	Available	Percent
A · Product Characteristics	92	100	92.00 %
B · Use and Safety	103	120	85.83 %
C · Feedback and Service	64	80	80.00 %
Total	**259**	**300**	**—**

> (92.00 × 100 + 85.83 × 120 + 80.00 × 80) ÷ 300 = **86.33 percent**

86.33 percent corresponds to the rating “very good” on the rating key.

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Overall result

86 %

TEST RESULT

very good

86.33 percent · 259 of 300 points

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Test number	2610000915
Test date	19.10.2026
Test procedure	PM Standard, ten test parameters
Type of test	Editorial, bought at retail

Tested and approved on 19.10.2026

Prüfmagazin, Quality Testing

Frankfurt am Main, Germany

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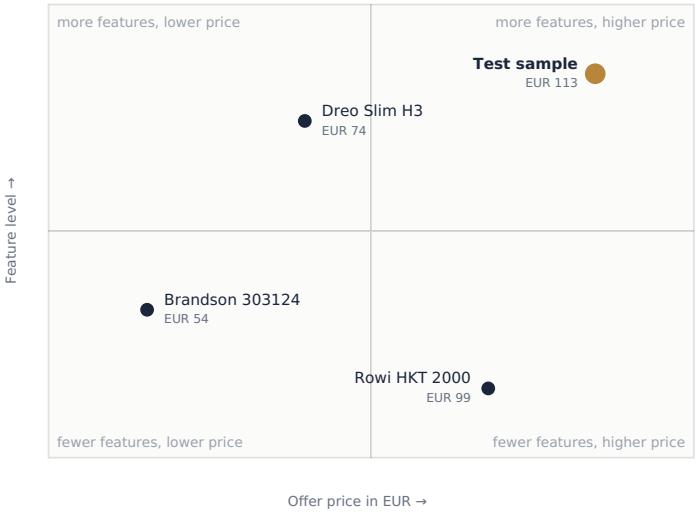
Competing products

Product	Price	Key specs	Source
Dreo Solaris Slim H3	EUR 74.99	1,800 W, 3 levels, 70° swing, 40 dB	Price comparison 10/26
Brandson 303124	EUR 54.35	2,000 W, 34° swing, 48 dB, 8 h timer	Price comparison 10/26
Rowi HKT 2000/2/2 ODF	EUR 99.00	1,000/2,000 W, 76 cm, 2.4 kg	Retailer 10/26
Test sample	**EUR 113.00**	1,200/2,000 W, 59 cm, 1.8 kg	Offer price

Price versus features



Reading the chart

The horizontal axis shows the offer price, the vertical axis the feature level. The test sample is highlighted.

The axes cover only the range in which the compared products actually sit, not the whole market. A dot far to the right means a higher price within this group, not expensive in absolute terms.

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How the offer is priced

Gap between the offer price and the three comparison models, and the same model at another retailer.

Dreo Solaris Slim H3	**EUR 74.99**	+EUR 38.01
Brandson 303124	**EUR 54.35**	+EUR 58.65
Rowi HKT 2000/2/2 ODF	**EUR 99.00**	+EUR 14.00
Same model, other retailer	**EUR 109.10**	+EUR 3.90

PRICE PER KW · TEST SAMPLE

EUR 56.50

PRICE PER KW · MARKET LEVEL

EUR 27.18 – 49.50

Prices change. All figures are dated snapshots. The report shows the arithmetic and makes no purchase recommendation.

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RATING AREA A

Product Characteristics

92 / 100

92.0 % achieved · weight 33.3 %

1 Build Quality

Do materials, workmanship and finish look well made and suited to the intended use?

44 / 50

88 %

FINDINGS

- Housing parts sit firmly on the test sample, no creaking under pressure
- PTC ceramic element regulates its output itself when hot
- Spare parts available in the EU for 10 years
- Maintenance is limited to vacuuming the grilles

LIMITATIONS

- Series finding: persistent plastic odour in operation repeatedly documented
- Housing yields under finger pressure on the test sample

2 Design

Are shape, colour and overall appearance coherent and appropriate to the function?

18 / 20

90 %

FINDINGS

- Slim tower form, 15.5 × 19.6 × 59 cm
- Top control panel with digital display for setpoint, level and timer
- Two-tone white/black, discreet logo at the base
- Second colour option black/grey available

LIMITATIONS

- High-gloss control panel shows fingerprints and dust

3 Size & Weight

Are dimensions, weight and footprint in sensible proportion to the type of product?

30 / 30

100 %

FINDINGS

- 1.8 kg against 1.7 to 2.7 kg in the class
- Footprint 15.5 × 19.6 cm
- 59 cm tall, operated without bending down
- Rear grip recess present on the test sample

LIMITATIONS

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RATING AREA B

Use and Safety

103 / 120

85.8 % achieved · weight 40.0 %

4 Functionality

Does the product do its core job reliably and with adequate performance?

32 / 40

80 %

FINDINGS

- 2,000 W maximum, upper end of the 1,500 to 2,000 W class
- Two levels, 1,200 and 2,000 W; Eco switches level automatically
- Frost protection maintains 7 °C
- Motorised oscillation visible to both sides on the test sample
- Level 2 not disturbing from three metres on the test sample
- 60 m³ room volume, approx. 24 m² at 2.5 m ceiling height

LIMITATIONS

- Series finding: thermostat switches with a wide band around the setpoint
- Displayed temperature not exact according to the manual
- Eco mode limits the setpoint to 26 °C

5 Ease of Use & Suitability

Can the product be set up and used in everyday life without special effort?

33 / 40

82 %

FINDINGS

- Remote control with all functions of the control panel
- Remote control slots into a holder on the housing
- Timer for switching on and off, 0.5 to 10 h
- Display switchable between °C and °F
- Power cord approx. 1.5 m long

LIMITATIONS

- Series finding: remote control responds only at short range
- Series finding: base assembly repeatedly documented as awkward
- Settings are lost after restart; oscillation must be re-activated

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6 Safety

Are there recognisable risks in normal use, and are the relevant standards met?

38 / 40
95 %

FINDINGS

- Tip-over switch cuts power immediately on the test sample
- Overheat protection with Ht indicator
- Temperature sensor failure reported as PF with alarm tone
- Housing beside the grille stays touchable in operation
- Manual warns about the remote control coin cell

LIMITATIONS

- No IP rating and no approval for damp rooms documented

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RATING AREA C

Feedback and Service

64 / 80

80.0 % achieved · weight 26.7 %

7 Advertising Claims

Do the advertised claims hold up when checked on the sample?

11 / 15

73 %

FINDINGS

- Advertised tip-over switch confirmed on the test sample
- Advertised rear handle present on the test sample
- Advertised oscillating base confirmed on the test sample

LIMITATIONS

- A 24-hour timer is advertised, the manual states 0.5 to 10 h
- Silence System advertised without a noise figure
- Manufacturer table lists the carrying handle as absent

8 Customer Feedback

What overall picture emerges from customer reviews?

17 / 20

85 %

FINDINGS

- Rating 4.4 of 5 from 3,224 ratings
- Tested variant: 4.56 of 5 across 16 analysed reviews
- Quiet operation mentioned in 33 of 100 reviews
- Fast heating mentioned in 29 of 100 reviews
- Easy operation praised in 14 of 100 reviews

LIMITATIONS

- Inaccurate thermostat in 11 of 100 reviews, 3 of 16 for the tested variant
- Persistent plastic odour in 6 of 100 reviews
- Short remote control range in 6 of 100 reviews
- Missing remote control or used goods in 6 reviews
- Overheat shut-off and loose parts in 2 reviews each

9 Packaging & Labelling

Are packaging, transport protection and mandatory information complete and clear?

15 / 15

100 %

FINDINGS

- CE marking visible on the test sample
- Unit secured in the box with moulded inserts
- Manufacturer name and address stated
- Coin cell fitted, protective tab before first use
- Manual includes troubleshooting table for Ht, PF and shut-off

LIMITATIONS

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10 Value for Money

Is the price in reasonable proportion to the market level of its class?

21 / 30
70 %

FINDINGS

- Frost protection, Eco, timer, remote and oscillation in one unit
- Same model at another retailer EUR 109.10, gap EUR 3.90
- Upper class above EUR 100 extends to EUR 168.98

LIMITATIONS

- EUR 113.00 against EUR 54.35 to 99.00 in the comparison group
- EUR 56.50 per kW against EUR 27.18 to 49.50

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Seven levels per test item

Every test item is rated on the same scale. The levels are fixed before testing and identical for all products.

Level	Meaning
5 · fully met	The item is met without reservation. The value is at or above the category benchmark. There is nothing to object to.
4 · largely met	The item is met. Minor deviations are visible but have no effect in normal use.
3 · met with reservations	The item is met, but the value is below the category benchmark. Use remains possible, but takes more effort.
2 · partly met	The item is only partly met. The shortfall is noticeable in daily use and restricts it.
1 · barely met	The item is essentially not met. Normal use is clearly impaired.
0 · not met	The item is not met. The product cannot sensibly be used as intended in this respect.
X · not applicable	The item does not apply to this product. It causes no deduction and its weighting is removed from the calculation.

What this report covers

The report documents a functional test in everyday use. It sets the values found against the category benchmark and ties every point deducted to a named finding.

What it does not cover

It does not replace long-term testing, chemical analysis or testing under controlled climate conditions. It makes no statement about durability beyond the test period and gives no purchase recommendation.

Verification

Test number 2610000915

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