

**Manufacturer:** CORDIVARI SRL

**Declaration Code:** 58-2020

**Version No:** 00 del 07/01/2026

### 1. Product description

- Unique identification code of the product-type:

Trading name
Keira Tandem Verticale

- Product category as defined by harmonised technical specifications (EN 442-2, Attachment G):
  - G.1 Steel sectional radiator (vertical flow rate)
  - G.3 Towel radiator/horizontal water flow radiator
  - G.9 Multi column radiator
- Declared uses of the product, within the scope of the applicable harmonised technical specification:  
Radiators for heating emission meant for permanent installation in heating systems of domestic buildings, supplied by a remote source of hot water or steam with temperature inferior to 110° C (EN 442-1-2 2014).
- Nominal dimensions of the product:

Width [mm]	Height [mm]
263 → 1433	538 → 2200

- Estimated average and minimum service life time for the declared use: 50 years, 30 years

### 2. Link to general product information, instructions for use and safety information:

<https://www.cordivari.it/prodotto/radiatore-living-keira-tandem-verticale/>

### 3. Manufacturer:

CORDIVARI SRL, Zona Industriale Pagliare - 64020 Morro D'Oro (TE)

Tel: 085-80401 – E-mail: <mailto:info@cordivari.it> - Website: [www.cordivari.it/www.cordivaridesign.it](http://www.cordivari.it/www.cordivaridesign.it)

### 4. Not relevant

### 5. Notified laboratory:

Laboratorio M.R.T. - Notified Body Number: 1695

Via Raffaele Lambruschini 4A, 20156 Milano

Tel: 02-23993825 – E-mail: <mailto:mrt@polimi.it> – Website: <http://www.mrt.polimi.it/>

### 6. Not relevant

### 7. The notified body performed tests according to harmonised standard UNI EN 442 and released:

- Test Report for the determination of the thermal power of an heating element: N° 2008-138, 2008-140, 2008-141 – 24/06/2008;
- Pressure Resistance Test Report: N°2008-138, 2008-140, 2008-141 – 24/06/2008.

### 8. Harmonised technical specifications:

EN 442-1:2014, PCR-ed4-EN-2021 09 06, PSR-0011-ed2.0 EN-2023 06 06, ISO 14025:2006, EN15804+A2.

### 9. Declared performances and sustainability characteristics:

- Performance of the essential characteristics defined by the harmonised technical specification:

Essential characteristics	Performance				
Fire reaction	A1				
Release of dangerous substances	NO				
Max working pressure	5 bar				
Pressure tightness	No leakage at 1,3 x working pressure				
Pressure resistance	No leakage at 1,69 x working pressure				
Surface temperature	Max 110°C				
Rated thermal	Measure [mm]	φ 50 [W]	φ 30 [W]	K <sub>m</sub>	n
	538	52,7	27,9	0.36141	1,2736
	638	60,6	31,6	0.41624	1,2732
	738	68,4	35,7	0.47055	1,2728
	838	76,1	39,7	0.52434	1,2724
	938	83,8	43,6	0,56378	1,2785
	1400	118,8	61,0	0,71689	1,3063
	1600	133,9	68,3	0,77065	1,3184
	1800	149,2	76,1	0,86410	1,3168
	1900	156,8	80,1	0,91096	1,3160
	2000	164,5	84,0	0,95870	1,3152
2200	180,1	92,1	1,05620	1,3136	
Characteristic curve	$\Phi = K_m \times \Delta T^n$				
Resistance against corrosion	No > 100 h				
Resistance against minor impact	Class 0				

- *System of assessment and verification of constancy of performance*: System 3
- *The environmental sustainability for the applicable essential characteristics*: view the document "EPD-PEP environmental declarations" at the following link <https://www.cordivari.it/prodotto/radiatore-living-keira-tandem-verticale/>
- *Version of the software used*: OpenLCA version 2.4 and Ecoinvent v.3.11

**10. Declarations:**

- The performance of the product identified above is in conformity with the set of declared performances referred to in point 9;
- The sustainability data of the product identified above have been correctly calculated on the basis of the product category rules applicable to it.

Morro D'Oro, 07/01/2026

C.E.O.

Ercole Cordivari

