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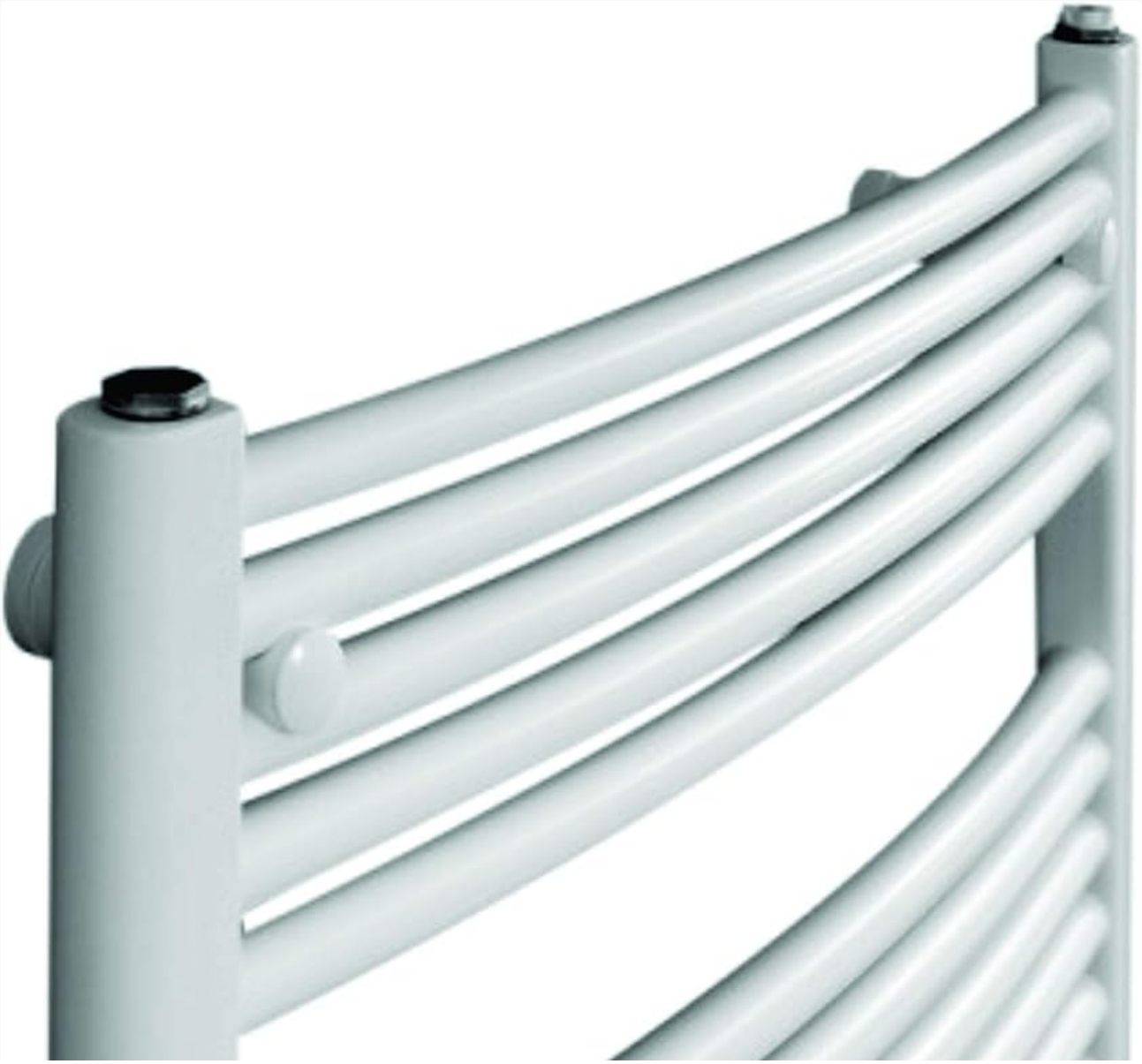
Cordivari LISA 22

Lisa Hydronic Towel Warmer Instruction Manual

Brand: Cordivari | Model: LISA 22

1. Product Introduction

The Cordivari Lisa 22 is a hydronic towel warmer designed for use with central heating systems. It functions as a radiator to warm towels and contribute to bathroom heating, helping to reduce moisture and mildew. This model features a curved design and is compatible with standard US and Canadian piping.



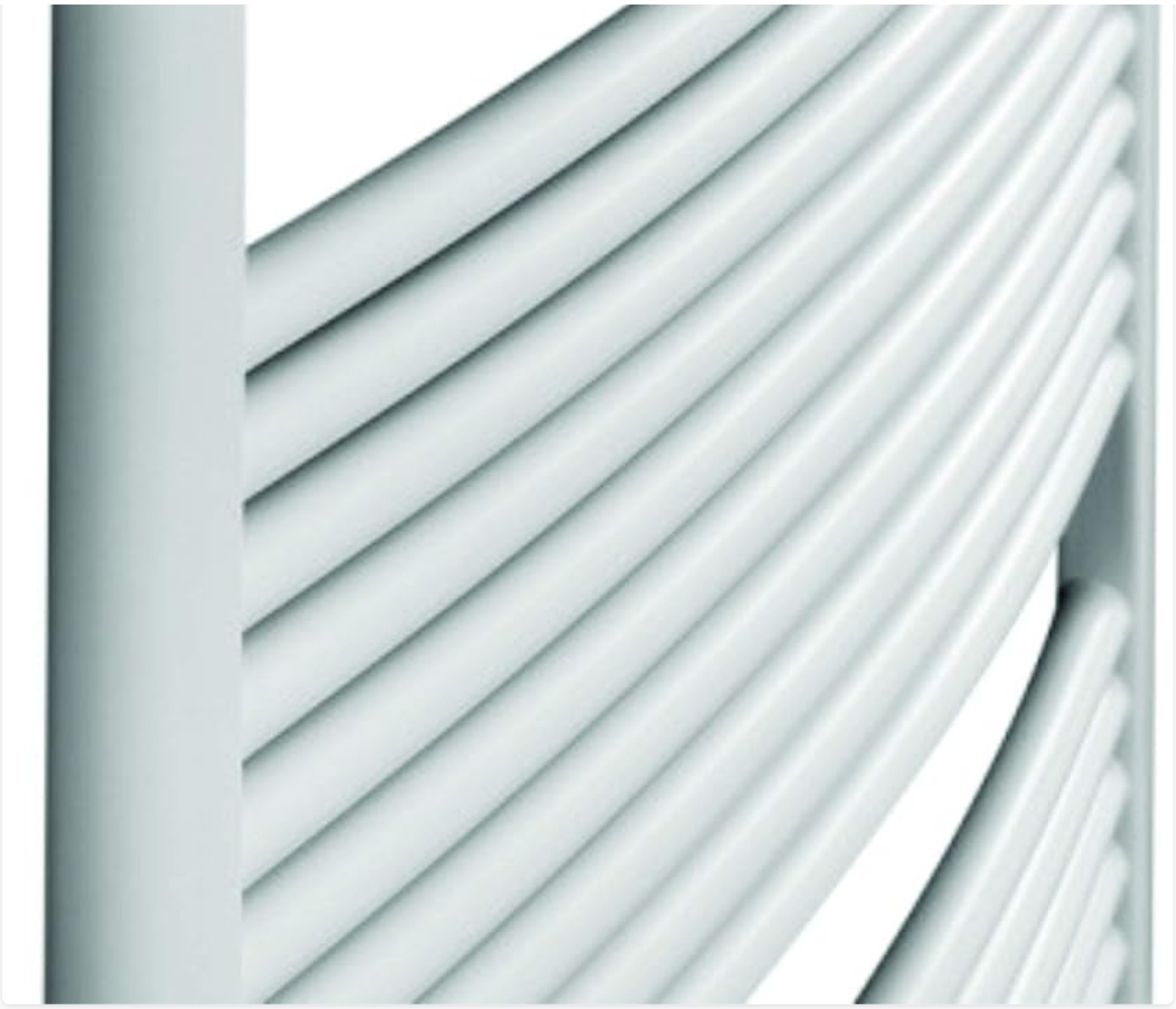


Image: Front view of the Lisa 22 Hydronic Towel Warmer.

2. Key Features

- **Hydronic Heating:** Operates with hot water from a central heating system.
- **Curved Design:** Features a curved profile for aesthetic appeal and functional towel hanging.
- **Dimensions:** Approximately 20 inches (500 mm) wide by 28 inches (700 mm) high.
- **Compatibility:** Designed for compatibility with US and Canadian pipes and central heating systems.
- **Finish:** Finished with ecological epoxy powders (Certificate DIN 55900-1,-2) in White RAL 9010.
- **Italian Manufacturing:** 100% Made in Italy production.

LISA® 22

RADIATORS, CONVECTORS AND CEILING-MOUNTED RADIANT PANELS, HOT WATER HEATING, FAN ASSISTED AND MIXED

EN 442-1 RADIATORS AND CONVECTORS

EUROPEAN WARRANTY





Functioning:	☑ HOT WATER	☑ ELECTRIC	☑ DUAL ENERGY

Max pressurex: 8 bar **Max temperature:** 110 °C 230 F **Connections:** 2 x 1/2" gas- 1 da 1/2" gas for airvent

Material:
- Vertical collectors in painted mild steel semi oval 30x40 mm
- Horizontal heating elements in painted mild steel ø 22 mm

Fixing kit:
The fixing kit is in compliance with norm VDI 6036 Class 1-2-3-4 that guarantees maximum resistance, security and stability of the towel rail. Each kit includes brackets, Airvent, hexagonal tool, plugs and screws suitable for use on either compact or hollow brick walls. For a correct assembly always refer to the user manual supplied.

VDI 6036 COMPLIANT WITH
class 1-2-3-4

Packing:
Carton angular and profiles protected by a recyclable film in polyethylene. User notice included.

Painting process:
Painted with ecological epoxy powders. (Certificate DIN 55900-1,-2).

Colour:
Pure white RAL 9010

ACCESSORIES



KRISTAL VALVES □
WHITE COLOUR

For information about Kristal valves, see radiators and towel rails catalogue.



KIT 2 HOOKS WHITE COLOUR

Art. nr. 5991990310171



TOWEL BAR
WHITE COLOUR

Art. nr. 5991990310170

Applicable only for width ≥ 450 mm

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Image: Official 'Made in Italy' seal and Cordivari brand logo.

3. Setup and Installation

Installation of the Lisa 22 Hydronic Towel Warmer should be performed by a qualified professional to ensure proper function and safety. The unit is designed for wall mounting and connects directly to your home's central heating system.

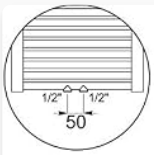
3.1. Included Components

The following components are included in the box for installation:

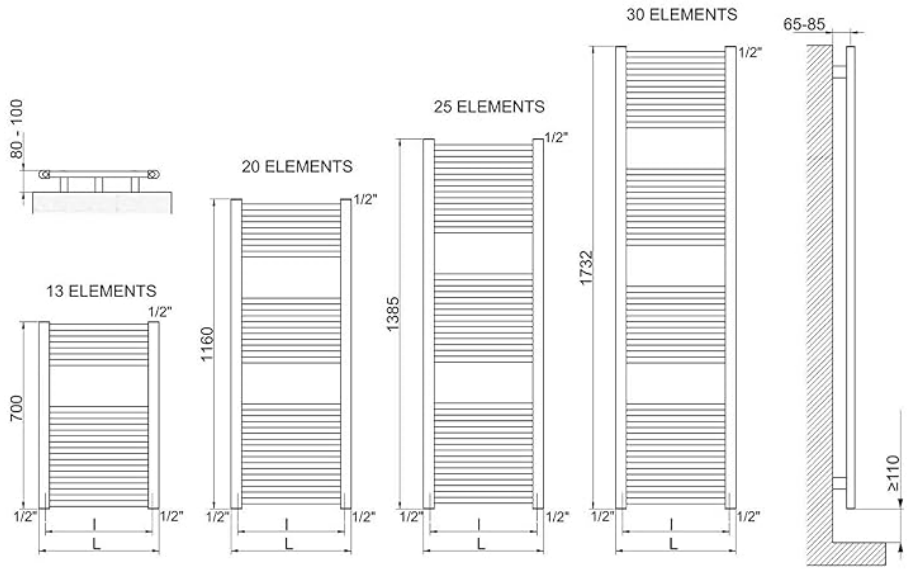
- Mounting Brackets
- Air Vent
- Hexagonal Tool
- Plugs and Screws for mounting
- Installation Instructions
- Angle Valve Kit (Note: This specific product is sold without a control valve kit, but an angle valve kit is included for connection.)

3.2. Mounting Considerations

The included plugs and screws are suitable for mounting on either compact or hollow brick walls. Always ensure the mounting surface is structurally sound and capable of supporting the weight of the towel warmer when filled with water.



Detail of the 50 mm
Pipe Centres version



LISA® 22

Height [mm]	Width L [mm]	Pipe Centres I [mm]	STANDARD PIPE CENTRES Art. nr.	PIPE CENTRES 50 MM Art. nr.	Dry weight [Kg]	Surface [m2]	Water content [lt]	ΔT=50°C [Watt]	Exponent [n]	Dual energy kit [Watt]
700	400	350	3551646101077	3551646101081	3,8	0,46	2,6	257	1,22270	300
	450	400	3551646101001	3551646101021	4,0	5,10	2,9	282	1,22320	300
	500	450	3551646101002	3551646101022	4,3	0,55	3,1	306	1,22371	300
	550	500	3551646101003	3551646101023	4,6	0,60	3,3	330	1,22421	400
	600	550	3551646101004	3551646101024	4,9	0,64	3,5	355	1,22472	400
	750	700	3551646101133	3551646101137	5,7	0,75	4,1	427	1,22623	500
1160	400	350	3551646101078	3551646101082	6,0	0,73	4,2	408	1,23621	500
	450	400	3551646101005	3551646101025	6,4	0,80	4,5	448	1,23736	500
	500	450	3551646101006	3551646101026	6,8	0,87	4,9	487	1,23852	600
	550	500	3551646101007	3551646101027	7,2	0,94	5,2	526	1,23967	600
	600	550	3551646101008	3551646101028	7,6	1,01	5,5	565	1,24082	700
	750	700	3551646101134	3551646101138	8,9	1,18	6,5	683	1,24428	700
1385	400	350	3551646101079	3551646101083	7,3	0,90	5,2	509	1,22627	600
	450	400	3551646101009	3551646101029	7,8	0,99	5,6	558	1,22868	600
	500	450	3551646101010	3551646101030	8,3	1,07	6,0	606	1,23108	700
	550	500	3551646101011	3551646101031	8,8	1,16	6,4	655	1,23349	700
	600	550	3551646101012	3551646101032	9,3	1,25	6,8	703	1,23589	700
	750	700	3551646101135	3551646101139	10,9	1,45	8,0	849	1,24311	900
1732	400	350	3551646101080	3551646101084	8,9	1,10	6,3	634	1,25108	700
	450	400	3551646101013	3551646101033	9,5	1,20	6,8	695	1,24984	700
	500	450	3551646101014	3551646101034	10,1	1,31	7,3	756	1,24860	900
	550	500	3551646101015	3551646101035	10,8	1,41	7,8	817	1,24736	900
	600	550	3551646101016	3551646101036	11,4	1,51	8,3	878	1,24613	900
	750	700	3551646101136	3551646101140	13,3	1,76	9,8	1062	1,24241	1200

For output at different Δt than 50°C, please refer to the following formula: desired output = output at Δt 50°C x (desired Δt/50)^n

PROMOTION PACKAGES ¦STANDARD PIPE CENTRES

Height [mm]	Width [mm]	Art. nr.	Art. nr.
700	500	355164610100205	355164610100210
1160	450	355164610100505	355164610100510
1160	500	355164610100605	355164610100610
1160	550	355164610100705	355164610100710

Height [mm]	Width [mm]	Art. nr.	Art. nr.
1385	450	355164610100905	355164610100910
1385	500	355164610101005	355164610101010
1385	550	355164610101105	355164610101110
1732	500	355164610101405	355164610101410
1732	550	355164610101505	355164610101510
1732	600	355164610101605	355164610101610

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Image: The Lisa 22 Towel Warmer installed in a bathroom environment.



Image: Cordivari logo and a graphic indicating that installation should be performed by a qualified person, not an unqualified individual.

4. Operation

The Lisa 22 Hydronic Towel Warmer operates as part of your home's central heating system. When the heating system is active, hot water circulates through the radiator, causing it to heat up. There are no external controls on the unit itself; its operation is governed by your home's thermostat and heating schedule.

- **Heating:** The towel warmer will heat up when hot water flows through it from your central heating system.
- **Towel Warming:** Hang towels on the bars to warm them. Ensure towels do not block airflow excessively, which could reduce heating efficiency.
- **Air Venting:** Periodically check and vent any trapped air from the radiator using the air vent valve to ensure optimal performance.

5. Maintenance and Care

Regular maintenance ensures the longevity and efficient operation of your towel warmer.

- **Cleaning:** Clean the surface of the towel warmer with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Inspection:** Periodically inspect the connections and the unit for any signs of leaks or corrosion. Address any issues promptly.
- **System Maintenance:** Ensure your central heating system is regularly maintained by a professional, as this directly impacts the towel warmer's performance.

6. Troubleshooting

If you encounter issues with your towel warmer, consider the following common troubleshooting steps:

- **No Heat:**
  - Check if your central heating system is operational and set to heat.
  - Bleed the radiator using the air vent to release any trapped air. Air pockets can prevent hot water circulation.
  - Ensure the valves connecting the towel warmer to the heating system are fully open.
- **Leaking:**
  - Immediately shut off the water supply to the radiator if possible.
  - Identify the source of the leak (e.g., connections, body of the radiator).

    - Contact a qualified plumber for repair.
- **Insufficient Heat:**
    - Ensure the radiator is properly bled of air.
    - Verify that the central heating system is operating at its optimal temperature and pressure.
    - Check for any obstructions around the radiator that might impede heat dissipation.

For persistent issues, contact a qualified heating professional.

7. Technical Specifications

Detailed specifications for the Cordivari Lisa 22 Hydronic Towel Warmer (500x700 mm model):

Specification	Value
Model Number	LISA 22
Dimensions (Width x Height)	20" x 28" (500 mm x 700 mm)
Pipe Centers	18" (450 mm)
Item Weight	12 lbs (4.6 kg)
Thermal Output	1625 BTU (500 Watt)
Max Temperature	230 °F (110 °C)
Max Pressure	130 PSI (9 Bar)
Connections	2 x 1/2" gas (inlet/outlet), 1 x 1/2" gas (air vent)
Heating Method	Hydronic
Batteries Required	No



Image: Technical diagram illustrating dimensions and pipe centers for the Lisa 22 model.

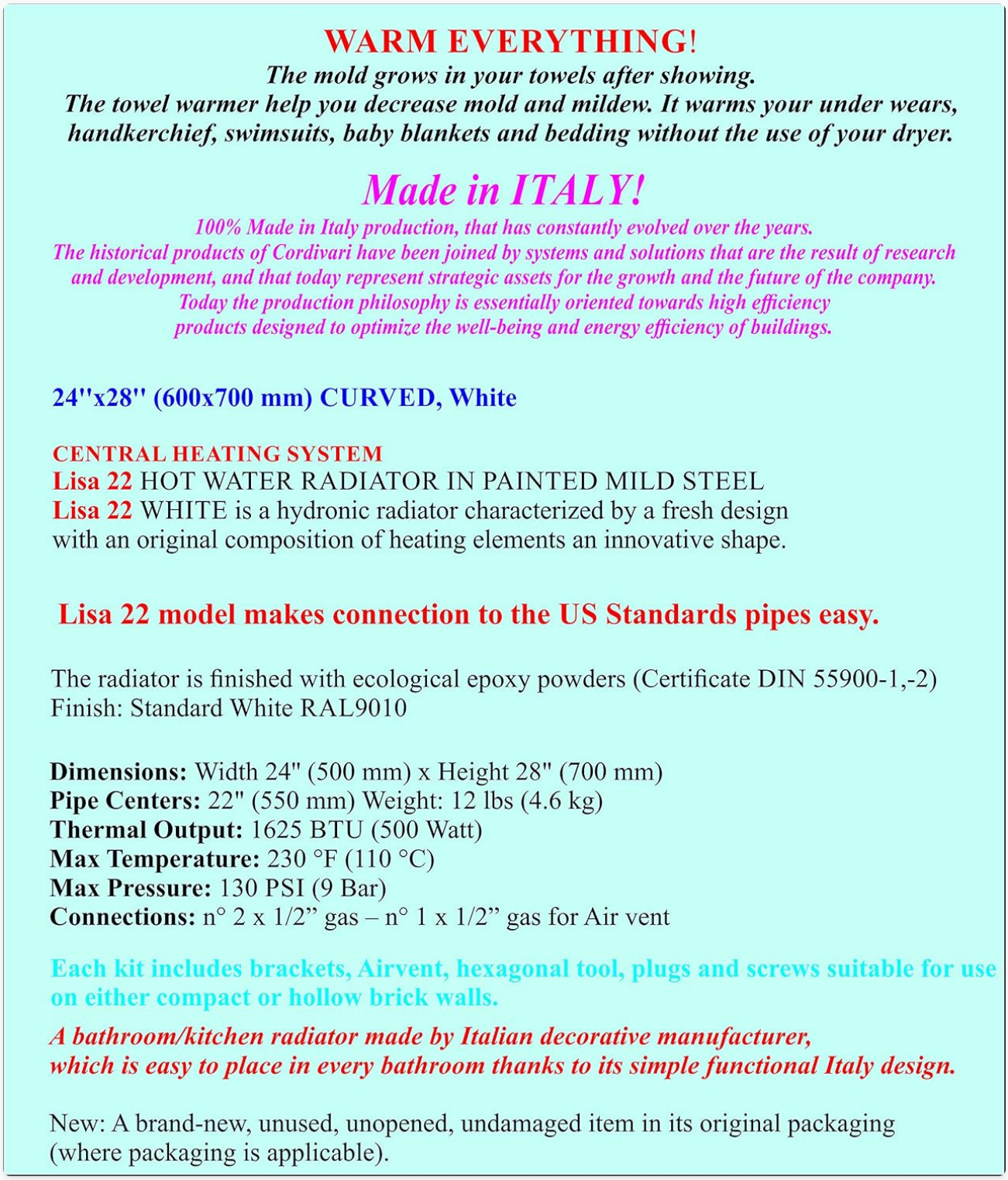


Image: Overview diagram showing different configurations and pipe center options for Lisa 22 towel warmers.

8. Warranty and Support

For information regarding product warranty, technical support, or service, please refer to the documentation provided with your purchase or contact Cordivari customer service directly. Ensure you have your product model number (LISA 22) and purchase details available when contacting support.

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