



**VERANO**<sup>®</sup>  
**BY MDL SOLUTIONS**  
COMPACT LOWER VOLTAGE FAN COILS AND HYDRONIC HEAT | MDLSOLN.COM

MDL Solutions STEEL**TECHNICAL** catalogue

2014



## General Catalogue

- Panel Radiators •
- Towel Radiators •
- Decorative Panel Radiators •

# MDL VERANO MENTALITY

## LEAN Production & Management

At all the production&management stages it is our fundamental responsibility to eradicate wastefulness in our value chain and focus on creating exceptional value for the customer. It is possible by using our resources to create more value, increase the profitability and competitiveness of our company, increase customer satisfaction and continually decrease wastefulness in our management and production systems. By embracing 'lean thinking' we have made it our principle to contribute to increasing the wealth of society by ensuring that the 'lean systems' are adopted by all our suppliers and in all our business fields, thus reaching operational perfection.

## Design

Steel Radiators are designed to have high heating capacity, pressure endurance by means of computerize simulated analysis and design methods, obtained together with German heating science institute HLK Stuttgart.

## Production

Products are produced with the latest know-how fully automatic welding lines with computerized control systems.

## Paint

Painting plant is one of the most technological and high standard painting lines in our the sector. Our standard colour is RAL 9016 (White) in epoxy polyester powder. A wide range of RAL colours are available, at a surcharge, on request.

## Packaging

All steel radiators are packed with side cartons and bubbled nylon. The corners are protected with Plastic protection against impacts. Hooks are also protected with plastic covers. In order to prevent our radiators against dust, humidity and transportation damages, all products are also protected with shrinked nylon bags.

## Quality

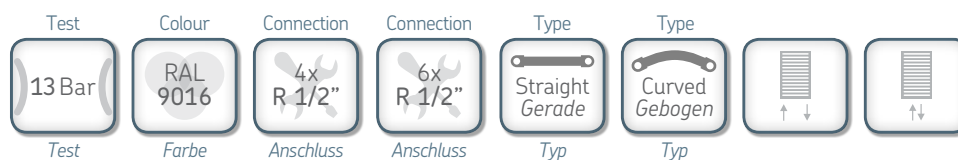
100 % of production is tested against to leakages and welding quality. Products are produced in compliance with international quality standards; ISO 9001, EN 442, DIN CERTCO and CE.

# Towel Radiators



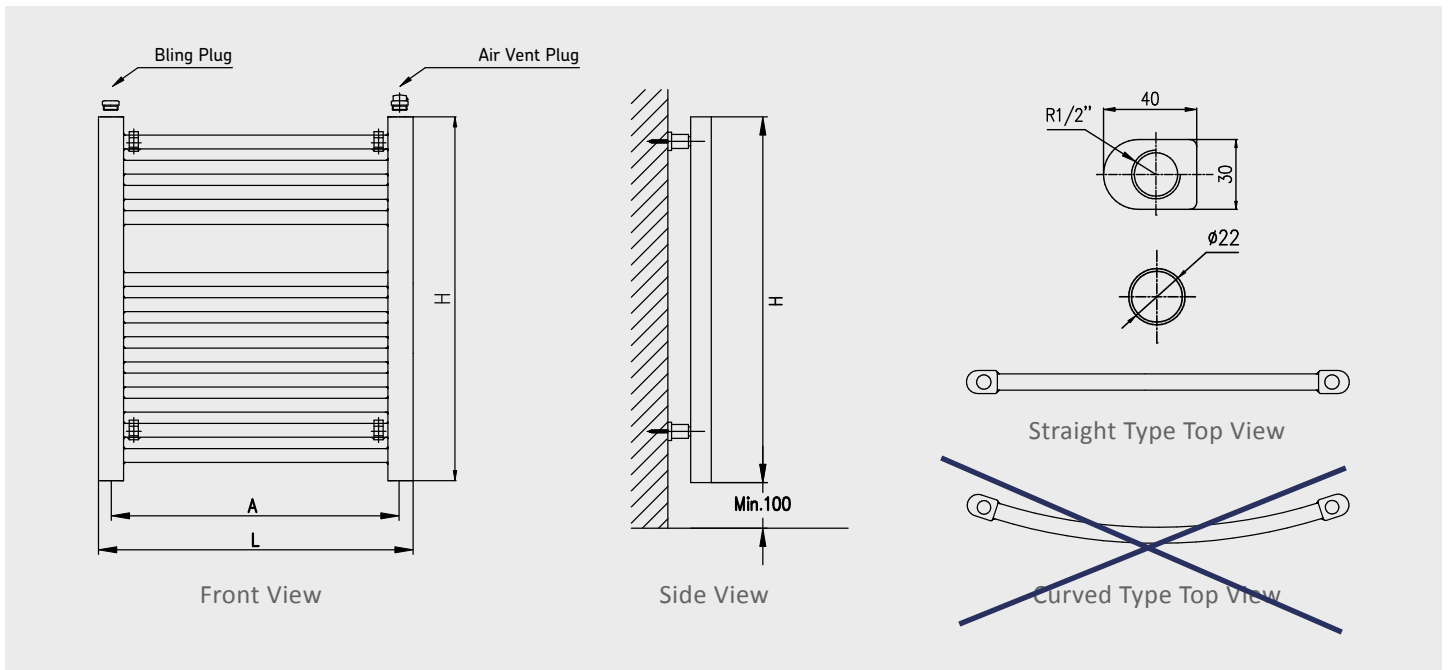
## Caspian Series

- Easy installation
- Esthetic & Decorative
- Suitable Production to EN 442 standards
- RAL 9016 Epoxy Polyester Electrostatic Powder Paint
- Optimum Heat Output & Number of Tubes
- High Pressure Resistance
- Corrosion Resistance
- Straight and Curved Options
- 4 x R 1/2" and 6 x R 1/2" options (Bottom Middle Connection)
- Wide range of dimensions
- Ready to install: Relevant Wall Fixing Accessories are included

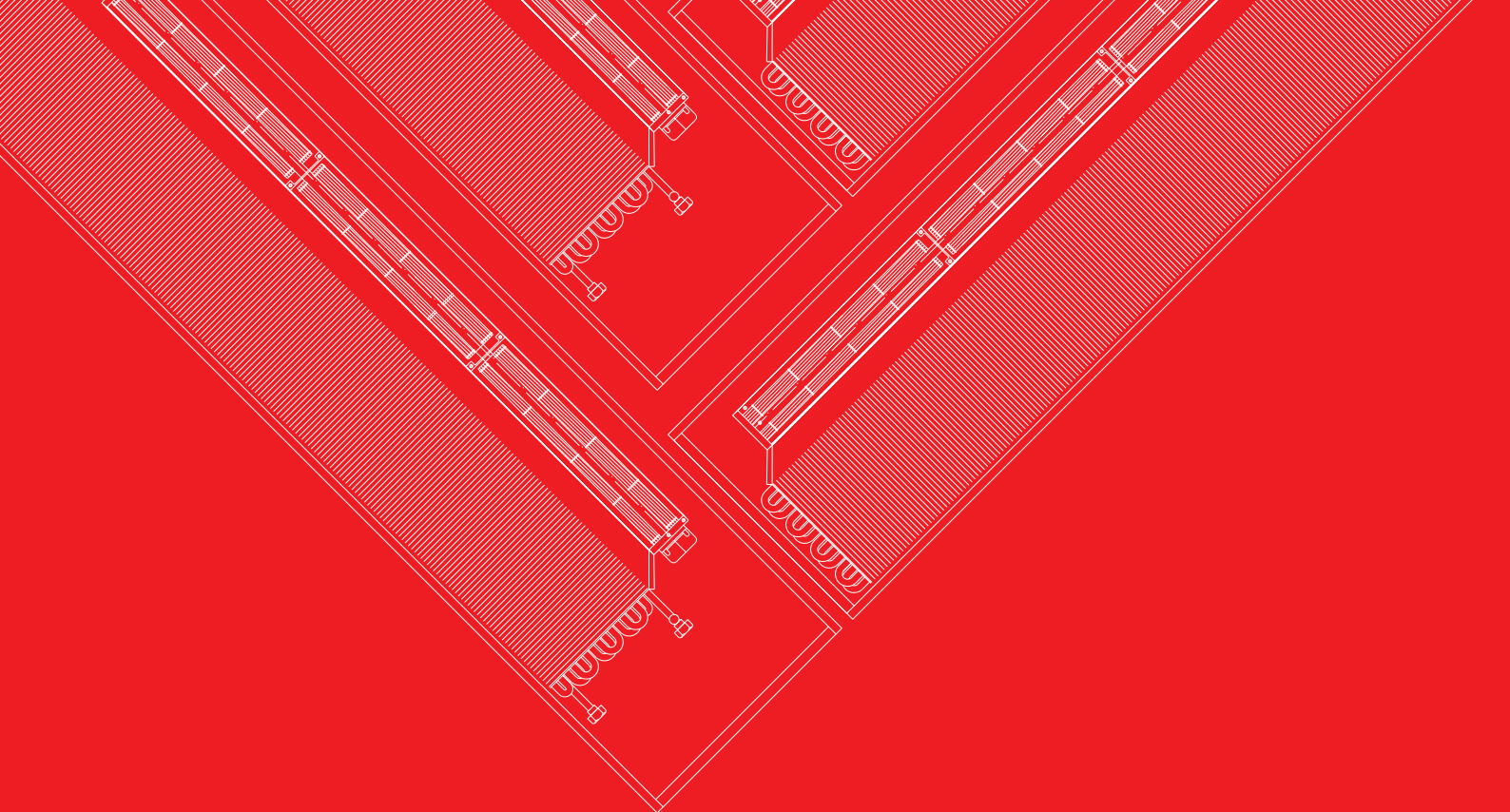


# Towel Radiators

## Caspian Serie



Sizes Grössen (mm)		Axis Nabenabstand (mm) (A)	No. of Elements Anzahl der Elemente	Volume Volumen (lt)	Weight Gewicht (kg)	EN 442 75/65 - 20°C				EN 442 90/70 - 20°C			
Width Breite (L)	Height Höhe (H)					Straight Gerade		Curved Gebogen		Straight Gerade		Curved Gebogen	
						Watt	Kcal/h	Watt	Kcal/h	Watt	Kcal/h	Watt	Kcal/h
400	600	355	12	2,40	3,80	238	205	241	208	299	258	302	260
400	800	355	17	3,20	5,10	303	261	306	264	378	326	382	329
400	1000	355	20	4,00	6,40	371	320	375	328	461	397	466	402
400	1200	355	25	4,80	7,65	442	381	447	385	550	474	556	479
400	1400	355	28	5,60	8,90	517	446	523	451	644	555	651	551
400	1600	355	33	6,45	10,35	596	514	608	520	740	638	744	645
400	1800	355	38	7,30	11,80	680	586	688	593	842	726	852	734
500	600	455	12	2,80	4,40	291	251	294	253	365	315	369	318
500	800	455	17	3,71	5,94	372	321	376	324	464	400	469	404
500	1000	455	20	4,63	7,48	454	391	459	396	564	486	570	491
500	1200	455	25	5,53	8,89	541	466	547	472	673	580	681	587
500	1400	455	28	6,43	10,30	632	545	639	551	787	678	796	686
500	1600	455	33	7,49	11,99	729	628	737	635	906	781	916	790
500	1800	455	38	8,55	13,68	833	718	843	727	1.033	891	1.045	901
600	600	555	12	3,20	5,00	344	297	348	300	431	372	436	376
600	800	555	17	4,23	6,78	438	378	443	382	547	472	553	477
600	1000	555	20	5,25	8,55	536	462	542	467	667	575	675	582
600	1200	555	25	6,25	10,13	638	550	645	556	794	684	803	692
600	1400	555	28	7,25	11,70	746	643	752	650	930	802	941	811
600	1600	555	33	8,53	13,63	861	742	871	751	1.072	924	1.084	934
600	1800	555	38	9,80	15,55	982	847	993	846	1.221	1.053	1.235	1.065
800	600	755	12	4,00	6,20	446	384	451	389	557	480	563	487
800	800	755	17	5,25	8,45	569	491	576	497	710	612	718	619
800	1000	755	20	6,50	10,70	696	600	704	607	867	747	877	756
800	1200	755	25	7,70	12,60	829	715	838	722	1.034	891	1.046	902
800	1400	755	28	8,90	14,50	969	835	980	845	1.209	1.042	1.223	1.054
800	1600	755	33	10,60	16,90	1.117	963	1.130	974	1.394	1.202	1.410	1.216
800	1800	755	38	12,30	19,30	1.275	1.099	1.290	1.112	1.592	1.372	1.610	1.388



**VERANO**<sup>®</sup>  
by: MDL SOLUTIONS



2275 UPPER MIDDLE RD, E  
OAKVILLE, ONTARIO  
L6H 203  
TEL: 289 799-3414; EMAIL:  
GENERAL@MDLSOLN.COM

[www.mdlsoln.com](http://www.mdlsoln.com)

## Technical catalogue 2014

After completion the edition of the directory on the 21.01.2015, may have been some changes in the products listed in.  
The manufacturer reserves the right to make changes to the design, color and specification.  
Illustrations may include optional accessories. Printing technology can affect the differences in the forward colors.  
Please contact to your local sales agent for the newest information of Verano products.