



# COLUMN RADIATORS. ROBUST AND SO VERSATILE.

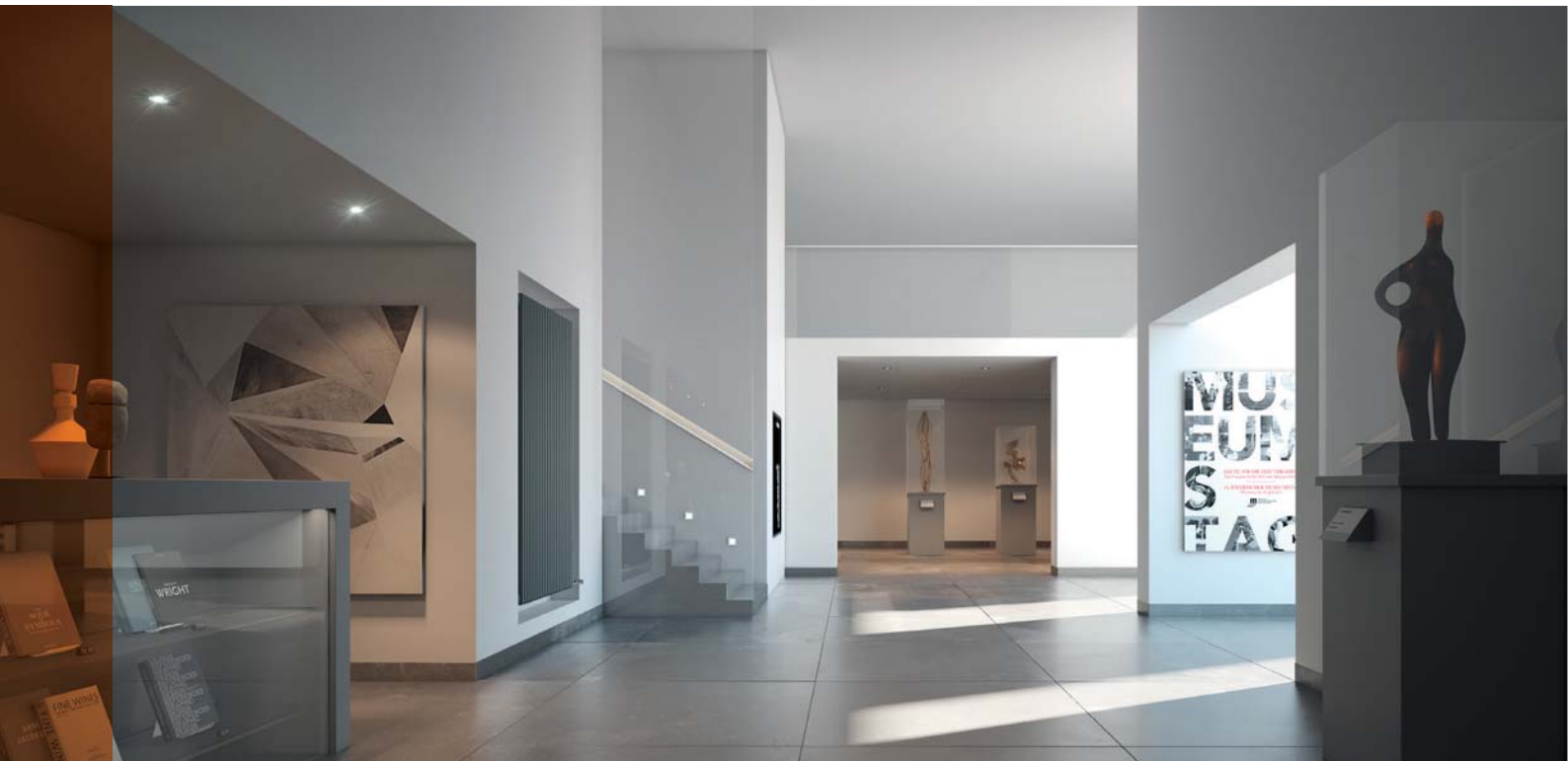


# HOW TO PROVIDE QUALITY RIGHT TO THE POINT?

More than 60 years ago, the founders of Arbonia had one aim in mind: Providing fellow humans with "warming" solutions. But today our aim is much broader. Arbonia is a brand for heat requirements and fulfils highest expectations in public and business buildings. But we still adhere to the high standards of our founders: Customer support and solutions that are right to the point. What does this precisely mean? That's simple: We comply with supply and date arrangements in every detail. Starting with high-quality packaging as important component of the Arbonia standard of quality. The processing quality and the long

service life of our products have been convincing our customers for years now and are conform with the high requirements of currently valid regulations and standards. Individual customer service and highest possible flexibility of form and colour design are for us a matter of course. Our design expertise shows this, being acknowledged constantly by many awards. We at Arbonia develop all of this consistently and with passion – to provide you with precisely the room temperature solution that you need.

right to the point 



# CONTENT

- 4 Arbonia Quality
- 5 Arbonia Service
- 6 Standard column radiators
- 7 Sano radiators
- 8 Cambiotherm® replacement radiators
- 9 Bench radiator
- 10 Column radiator - special solutions
- 12 Colours
- 13 VDI 6036 guideline
- 14 Fixings
- 15 Technical data Column radiators



Flexible and safe:  
The main application range  
of our column radiators



Wall

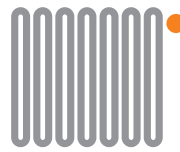
# ABSOLUTELY UNIQUE: ARBONIA QUALITY.

When manufacturing our products, we have one thing especially in mind: consistent quality assurance and product optimisation. Using state-of-the-art manufacturing plants and our long-term experience, we can consistently provide high product quality. Thus we are pioneers in this product environment.



## Production / Manufacturing

- Maximum individuality
- State-of-the-art manufacturing plants
- High manufacturing capacity
- High energy efficiency



## Products

- Reliability and long service life
- Highest surface quality
- Appealing visual effect
- Innovative solutions
- Customer-specific versions



## Packaging and transport

- Optimum protection for corners, surfaces and connections
- Comfortable handling
- Transport safety
- Sustainable and environmentally safe disposal



## Installation

- Easy and fast
- Systems tuned to the product
- Flexible fixing options
- High safety

## Acknowledged quality

Our company and our products are tested and certified by independent institutions. These are for example:



- Uncompromising quality assurance system in accordance with DIN EN ISO 9001:2008
- Responsible environmental management in accordance with DIN EN ISO 14001:2004
- Energy management system in accordance with DIN EN ISO 50001:2011

# COMPREHENSIVE AND COMPETENT: ARBONIA SERVICE.

We advice and support you in all your needs, from planning and ordering to realisation and implementation. Our highly ambitious employees offer you comprehensive service that fulfil highest demands.



### Consultation and logistics

From indoor climate planning to implementation: You can count on the competence of our technical advisors – as well as on our precise logistics. For us delivery reliability means that we deliver precisely at the agreed place and time.



### Awards

Arbonia convinces: Our high design expertise and innovation show this, being regularly acknowledged with highly popular awards in the sector. We are pleased with this, of course, and for you this is a good orientation.



### Warranty and safety

Committed to quality: We are consistently committed to the premium quality of our products.



### Online Service

Comfortable service for you: our EDP solutions make life a bit easier for you. Visit us online on our website [www.arbonia.com](http://www.arbonia.com)

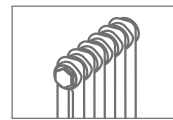


# HERE, FIRST-CLASS HEAT DISTRIBUTION IS STANDARD: **STANDARD COLUMN RADIATORS.**

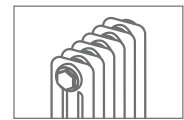
With our standard column radiators, you have absolute design freedom: we offer a large range of models and different dimensions. Thanks to the ideal ratio of radiant heat and convection, they are not only extremely powerful, but also very comfortable.

- 5 different depths
- Clear form
- High accident safety
- Easy to clean due to rounded corners and edges

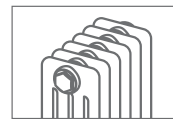
## Versions



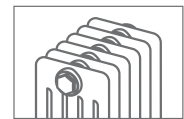
2 columns



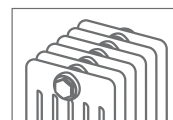
3 columns



4 columns



5 columns



6 columns

- Depths: 65 - 225 mm
- Heights: 190-3000 mm
- Lengths: 270 - 2700 mm
- Operating pressure: 10 bar
- Test pressure: 13 bar
- Max. operating temperature: 110°C
- Version with built-in valve with factory-preset kv value

➤ For the technical data of our standard column radiators, see page 14.

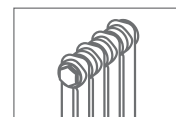


# DEVELOPED FOR DEMANDING HYGIENE REQUIREMENTS: **SANO RADIATORS.**

With spacings increased by 20 mm, our Sano radiators are especially hygienic and easy to clean, thus satisfying the demanding hygiene requirements of hospitals, nursing homes and sanatoriums.



## Versions



2 columns



3 columns



4 columns



5 columns



6 columns

- Depths: 65 - 225 mm
- Heights: 190-3000 mm
- Lengths: 270 - 2700 mm
- Operating pressure: 10 bar
- Test pressure: 13 bar
- Max. operating temperature: 110°C

# MODERNISE IN NO TIME: CAMBIOTHERM® REPLACEMENT RADIATORS.

Our Cambiotherm® replacement radiators are the perfect choice for steel and cast steel radiators that are to be exchanged. Their open connections (4 x ½") allow a high replacement flexibility and they are installed in just a few little steps.

- Column radiator with special hub distance
- No work or cost intensive changes on pipe system necessary



## Cambiotherm® Stock programme

For an even quicker replacement our models are available in the stock programme.

- Available with 2 hub distances and in 30 sizes
- Ventilation and drain plug included in scope of delivery

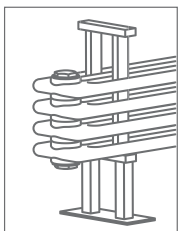




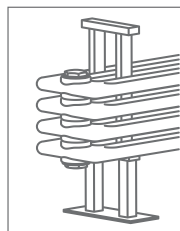
## RADIATOR AND USEFUL BENCH ALL IN ONE: BENCH RADIATORS.

Arbonia bench radiators with their horizontal arrangement of elements or standard radiators as a bench represent a convincing solution by providing a practical additional function in the form of a seat or storage surface. Moreover, the vertical version is available angled or curved.

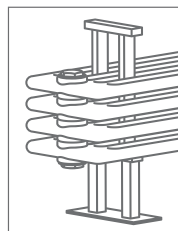
### Versions



4 columns



5 columns



6 columns

- Depths: 145 - 225 mm
- Heights: 180-315 mm (height of column radiator)
- Height with brackets (adjustable): 565-710 mm
- Lengths: 1200-3000 mm
- Operating pressure: 10 bar
- Test pressure: 13 bar
- Max. operating temperature: 110°C



## ADAPT PERFECTLY TO YOUR PLANS: COLUMN RADIATOR SPECIAL SOLUTIONS.

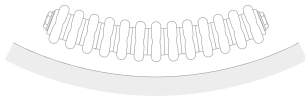
With the column radiator special solutions from Arbonia you have maximum planning flexibility: thanks to a wide range of different forms, the column radiators fit almost into any room situation.

### Room divider installation

- Feet welded on at factory
- Extension of the outer rounding of the element
- Adjustable to room height using special height of column radiator



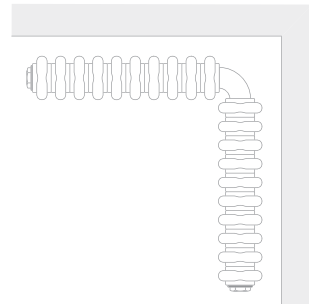
## Curved version



- The outer 3 elements cannot be bent in each case
- Please provide a drawing with dimensions or template with your order
- Minimum length: 12 elements (540 mm)



## Angled version



- The limbs must be coupled together on site
- A complete delivery is only possible in consultation with the factory
- Please provide a drawing with dimensions or template with your order



## INFINITELY DIVERSE: OUR COLOURS.

Whether gentle turquoise, strong yellow or modern grey: With our products you can set colourful accents. In the colour that you want: Our wide range of colours leaves no wishes unfulfilled.



## HIGHEST REQUIREMENTS MET: FIXING TECHNOLOGY ACC. TO VDI 6036.

High load-bearing capacity, optimum stability and maximum safety: the fixing technology of our radiators is constructed using our expert knowledge based on decades of experience. All in accordance with the VDI 6036 guideline by the Association of German Engineers. This ensures for our customers not only an perfect unit of radiator, fixing and material,

but also a higher legal protection. VDI 6036 supports you in dimensioning and selecting the suitable fixing of radiators in accordance with the stipulations of the Product Safety Law and our fixings all comply with this law. Right to the point.



### Absolute conformity with VDI 6036

If you see the VDI 6036 logo, you know that Arbonia complies with highest safety requirements.

# FOR COMPREHENSIVE SAFETY: INNOVATIVE FIXING TECHNOLOGY.

Our diverse fixing systems can be flexibly combined. In addition, they can be installed quick and easily and provide maximum safety.

- Ideally matched visually
- Outstanding price-performance ratio thanks to fewer brackets and less installation work
- In-house development and testing in accordance with VDI 6036
- Can be used immediately
- Brackets available in radiator colour



### Quick mounting bracket

- Easy to adjust
- Good ergonomics during installation
- Integrated lift and shift restraint



### Wall bracket with holder

- High load-bearing capacity
- Dehinging safety devices and shift restraints in design as necessary
- Clamps around the hub in the lower area



### Clamping bracket fixed / variable

- Appealing visual effect
- Easy to install: Insert and snap closed
- Dehinging safety device for third parties poorly accessible



### Built into wall bracket

- Higher load-bearing capacity thanks to new built-into-wall bracket
- Built-into-wall console with hexagonal profile for adjustment
- Robust bracket sleeve



### Wall bracket short

- Simple, angled design
- Considerably greater load-bearing capacity
- For column radiators in combination with clamp holders



### Wall bracket variable

- Wide range of wall distances with only 3 types: 35-100 mm
- Easy to adjust
- For column radiators in combination with clamp holders



### Clamp mounting

- Suitable for short wall bracket
- No slipping thanks to friction lining inside
- Safe interlocking clamping thanks to swivel holder made of steel

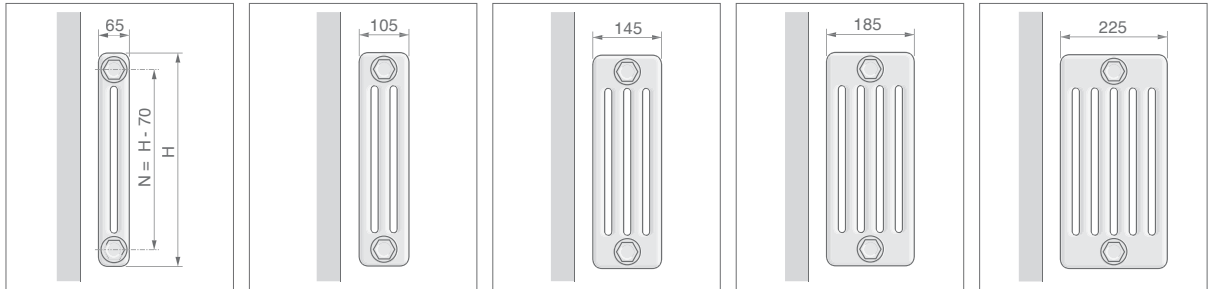


### Soil stand bracket

- Robust pipe 60 x 10 mm
- For high requirements
- Non-tilting
- Non-dehinging thanks to steel beams

# TECHNICAL DATA COLUMN RADIATORS.

Technical data per element for standard column radiators.



2-column radiators  
(depth - 65 mm)

3-column radiators  
(depth - 105 mm)

4-column radiators  
(depth - 145 mm)

5-column radiators  
(depth - 185 mm)

6-column radiators  
(depth - 225 mm)

Height H [mm]	2-column radiators (depth - 65 mm)			3-column radiators (depth - 105 mm)			4-column radiators (depth - 145 mm)			5-column radiators (depth - 185 mm)			6-column radiators (depth - 225 mm)		
	Model	$\Phi_L \Delta T$ 50K [watts/el.]	$\Phi \Delta T$ 42K	Model	$\Phi_L \Delta T$ 50K [watts/el.]	$\Phi \Delta T$ 42K	Model	$\Phi_L \Delta T$ 50K [watts/el.]	$\Phi \Delta T$ 42K	Model	$\Phi_L \Delta T$ 50K [watts/el.]	$\Phi \Delta T$ 42K	Model	$\Phi_L \Delta T$ 50K [watts/el.]	$\Phi \Delta T$ 42K
180										5018	32	26	6018	39	31
190	2019	15	12	3019	20	16	4019	27	22						
260	2026	20	16	3026	28	22	4026	36	29	5026	45	36	6026	53	42
300	2030	24	19	3030	33	26	4030	43	34	5030	53	42	6030	62	49
350	2035	28	22	3035	38	30	4035	49	39	5035	61	48	6035	72	56
400	2040	31	25	3040	43	34	4040	56	44	5040	69	55	6040	81	64
450	2045	35	28	3045	48	38	4045	62	50	5045	77	61	6045	90	71
500	2050	39	31	3050	53	42	4050	69	55	5050	85	67	6050	99	78
550	2055	42	34	3055	58	46	4055	75	60	5055	93	73	6055	108	85
600	2060	46	37	3060	63	50	4060	81	64	5060	100	79	6060	117	92
750	2075	57	45	3075	78	62	4075	100	79	5075	123	97	6075	143	113
900	2090	67	54	3090	92	73	4090	117	93	5090	144	114	6090	168	132
1000	2100	74	59	3100	102	81	4100	129	103	5100	158	125	6100	185	146
1100	2110	81	65	3110	111	88	4110	141	112	5110	172	136	6110	201	158
1200	2120	88	70	3120	120	95	4120	152	121	5120	186	147	6120	217	171
1500	2150	109	87	3150	147	117	4150	186	148	5150	225	178	6150	264	208
1800	2180	130	104	3180	173	138	4180	219	174	5180	263	208	6180	309	244
2000	2200	144	115	3200	190	151	4200	241	192	5200	287	227	6200	339	268
2200	2220	158	126	3220	207	165	4220	262	209	5220	310	246	6220	367	290
2500	2250	179	143	3250	231	184	4250	293	233	5250	343	272	6250	408	322
2800	2280	200	160	3280	255	203	4280	323	257	5280	374	297	6280	448	354
3000	2300	214	171	3300	270	215	4300	343	273	5300	394	313	6300	474	375

$\Phi_L \Delta T$  50K: standard heat output at 75 / 65 / 20 °C;  $\Phi \Delta T$  42K: heat output at 70 / 55 / 20 °C



Address:

Arbonia AG  
Amriswilerstrasse 50  
CH-9320 Arbon

Phone +41 (0) 71 447 47 47

Fax +41 (0) 71 447 48 47

[info@arbonia.ch](mailto:info@arbonia.ch)

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

Technical specifications subject to change

Because of limitations in the printing process, the illustrated colours are not binding.