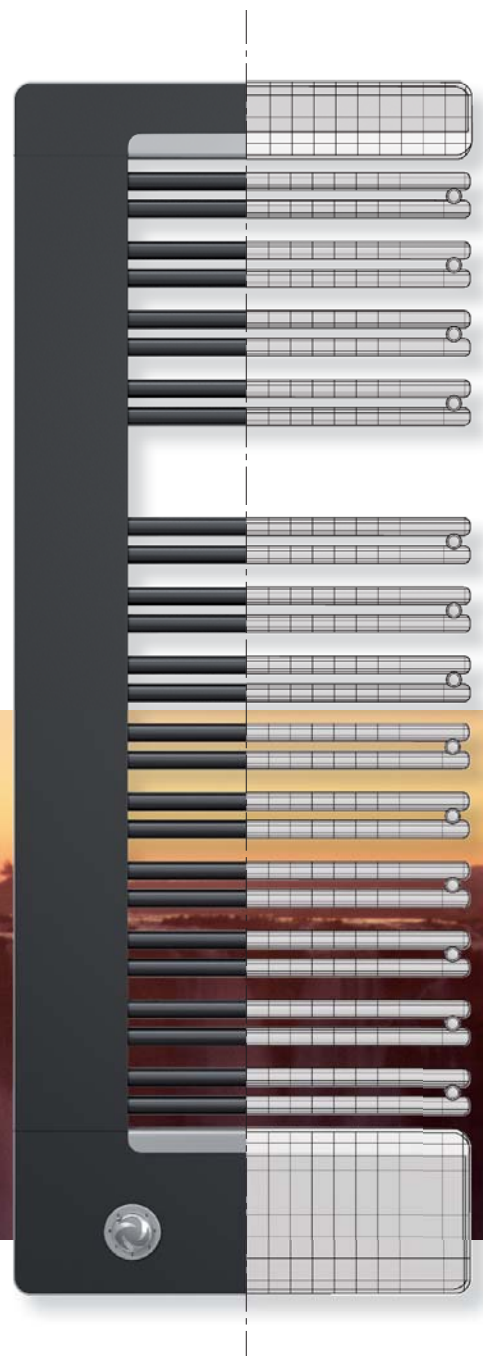


Technical Information I/2008

Design radiators



heatingthrough**innovation.**



Trend & Design.

The characteristics of these lifestyle / living-world radiators are clear-cut lines and shapes to satisfy the purist: with designs ranging from the avant-garde style to the contemporary. A source of warmth half way between a sculpture and a piece of furniture.



Universal & Modern.

Everything is possible in the "next generation" of heating technology. Young and cheeky colours are combined with a discreet language of forms, so reflecting the vibrant spirit of the age.



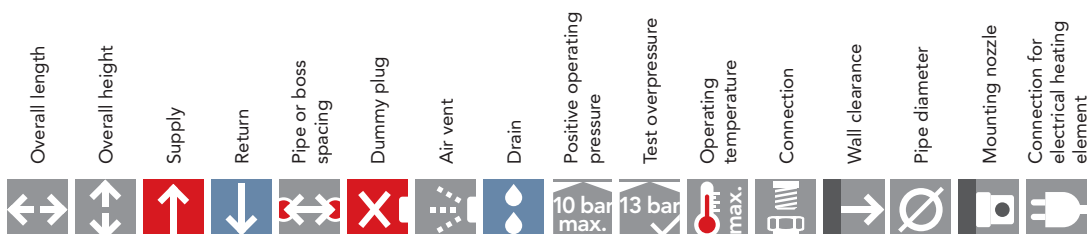
Country House & New Country.

Rediscover cosy atmospheres and bring a new sort of warmth into the house. An expression of a trend away from dull practicality. If love is in the detail, here it is in the radiator with style.



Style & Classics.

Centre stage is sophisticated living, with an emphasis on quality and classic design. This is the range with classic forms, underpinned by state-of-the-art technology.



The pictograms given above will serve as a picture language to accompany you through this technical catalogue. They will help you recognise details and operational features at a glance.



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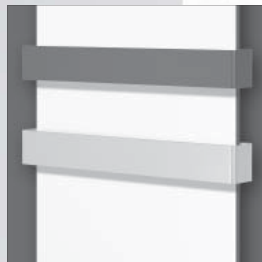


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MANO



SEWA



EDISTO



NERO



ALIBORI



Trend & Design.



OHIO

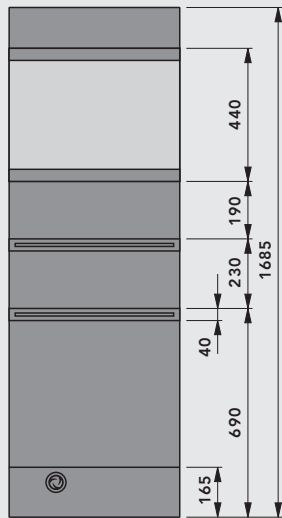
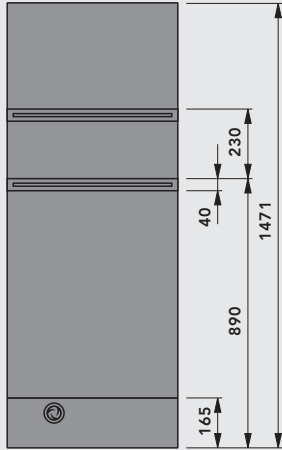


LOWA



In our living-world of **Trend & Design** can be found everything you need to support the full range of current lifestyle trends. From the avant-garde style to the contemporary, with **clear-cut lines** and **purist shapes**, here is a precise reflection of the kind of lifestyle philosophy that bestows the perfect atmosphere upon a room. Enjoy a new type of warmth in a harmonious environment: from something that is halfway between a sculpture and a piece of furniture.

Vertical dimensions [mm]

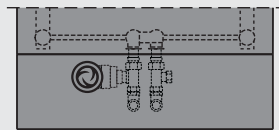


Technical data, product family

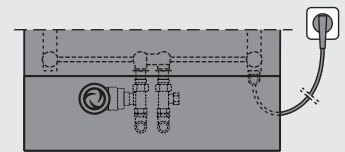
Overall height	Diagram scale M 1:50		Overall length	Heat output ⁽¹⁾ in Watts	E-heat element output ⁽²⁾ in Watts
	564	664			
[mm]			[mm]	75/65/20 °C	
1500 (1471)			564	779	600
1700 (1685)			564	914	600
			664	1045	600

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections
2 x external thread G 3/4"
(valve connection set)
Connection modes
see diagram



Maximum permissible operating pressure
5 bar



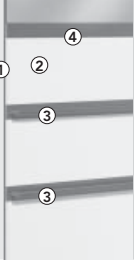


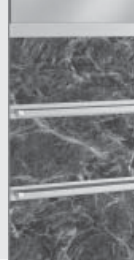
Maximum operating temperature
110 °C

Accessory: electric heat element G 3/8
MANO Design radiators equipped with an electric heating element can also be used at times when the regular heating system is switched off.

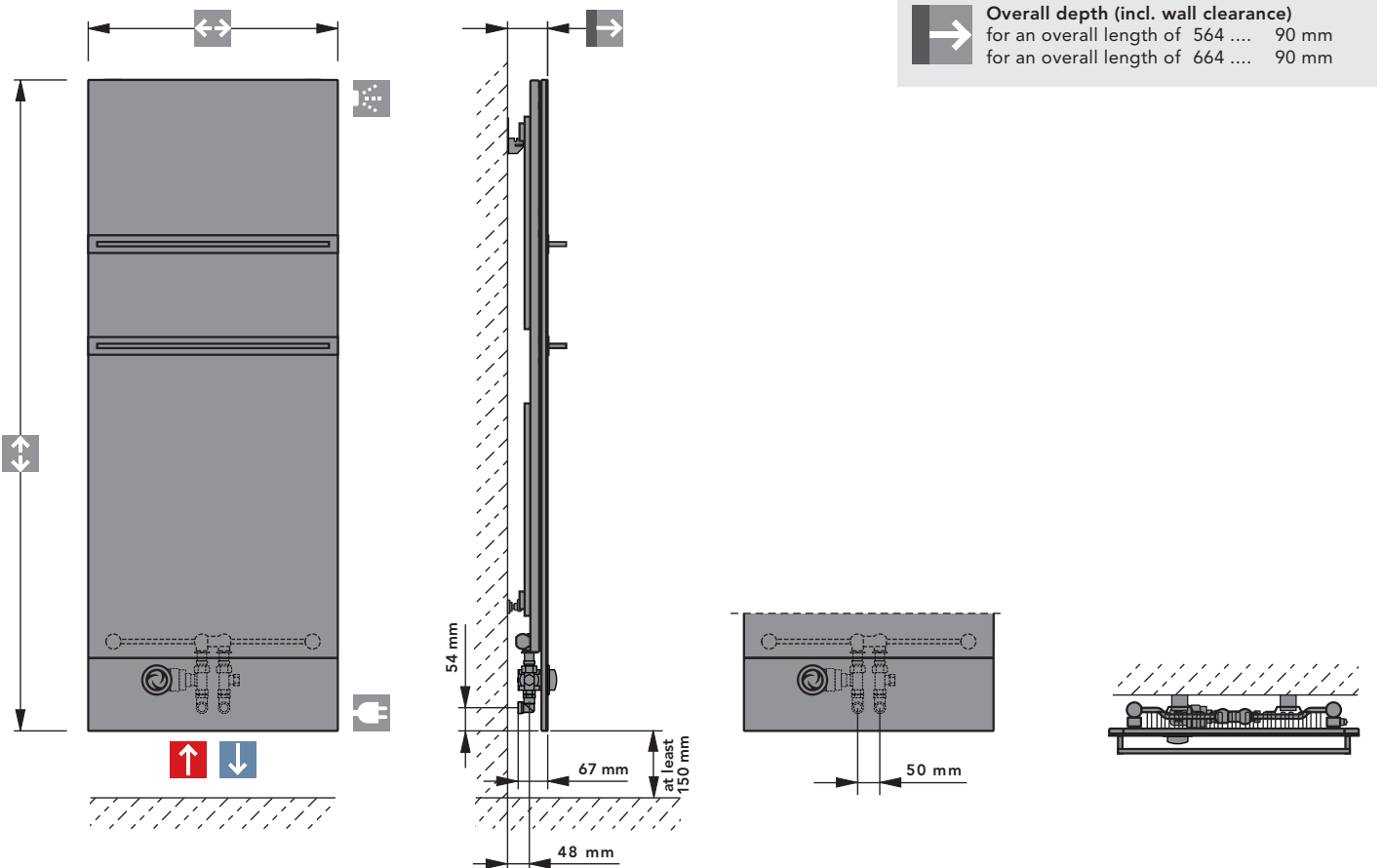
It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

Basic standard accessories (included):

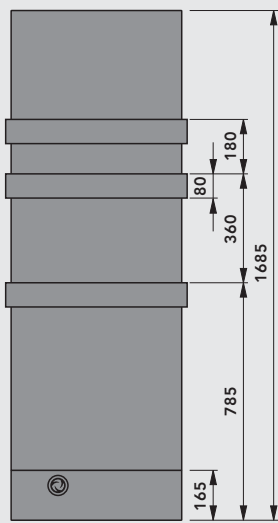
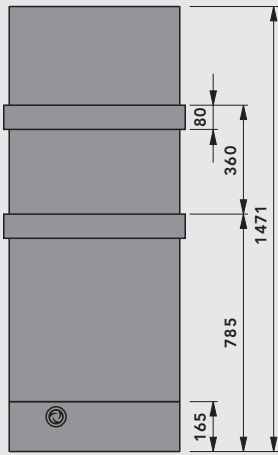
- 1 mirror (only available with an overall height of 1700 mm)
- 2 towel rails
- an integrated valve connection set incl. thermostat head
- a pivotable vent plug, G 1/4, and
- a dummy plug, G 3/8, nickel-plated brass, self-sealing, factory-sealed
- a wall mounting set with spacers
- 2 mounting brackets, alternatively: 2 extensions
- instruction sheet

<p>MANO Standard</p>  <ol style="list-style-type: none"> ① Radiator Grey Aluminium RAL 9007 ② Front plate Traffic White RAL 9016 ③ Towel rail with baseboard Grey Aluminium RAL 9007 ④ Mirror framing (1700 high only) Grey Aluminium RAL 9007 	<p>MANO Elegance</p>  <ol style="list-style-type: none"> ① Radiator Colour optional, see colour chart ② Front plate Colour optional, see colour chart ③ Towel rail with baseboard Chrome ④ Mirror framing (1700 high only) Chrome 	<p>MANO Trend decor</p>  <ol style="list-style-type: none"> ① Radiator see Front plate ② Front plate Optional decor see „Trend-Decor“ range ③ Towel rail with baseboard Chrome ④ Mirror framing (1700 high only) Chrome 	<p>MANO Nature</p>  <ol style="list-style-type: none"> ① Radiator see Front plate ② Front plate Optional decor see „Nature“ range ③ Towel rail with baseboard Chrome ④ Mirror framing (1700 high only) Chrome
<p>Item no.</p> <p>DMNAB1506A</p>	<p>Item no.</p> <p>DMNAE1506A</p>	<p>Item no.</p> <p>DMNAT1506A</p>	<p>Item no.</p> <p>DMNAN1506A</p>
<p>DMNAB1706A</p> <p>DMNAB1707A</p>	<p>DMNAE1706A</p> <p>DMNAE1707A</p>	<p>DMNAT1706A</p> <p>DMNAT1707A</p>	<p>DMNAN1706A</p> <p>DMNAN1707A</p>

(2) At 60° C



Vertical dimensions [mm]

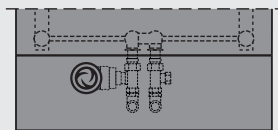


Technical data, product family

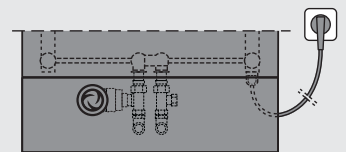
Overall height [mm]	Diagram scale M 1:50		Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	E-heat element output ⁽²⁾ in Watts
	600	700			
1500 (1471)			600	779	600
1700 (1685)			600	914	600
			700	1045	600

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections
2 x external thread G 3/4"
(valve connection set)
Connection modes
see diagram



Maximum permissible operating pressure
5 bar

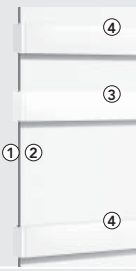





Maximum operating temperature
110 °C

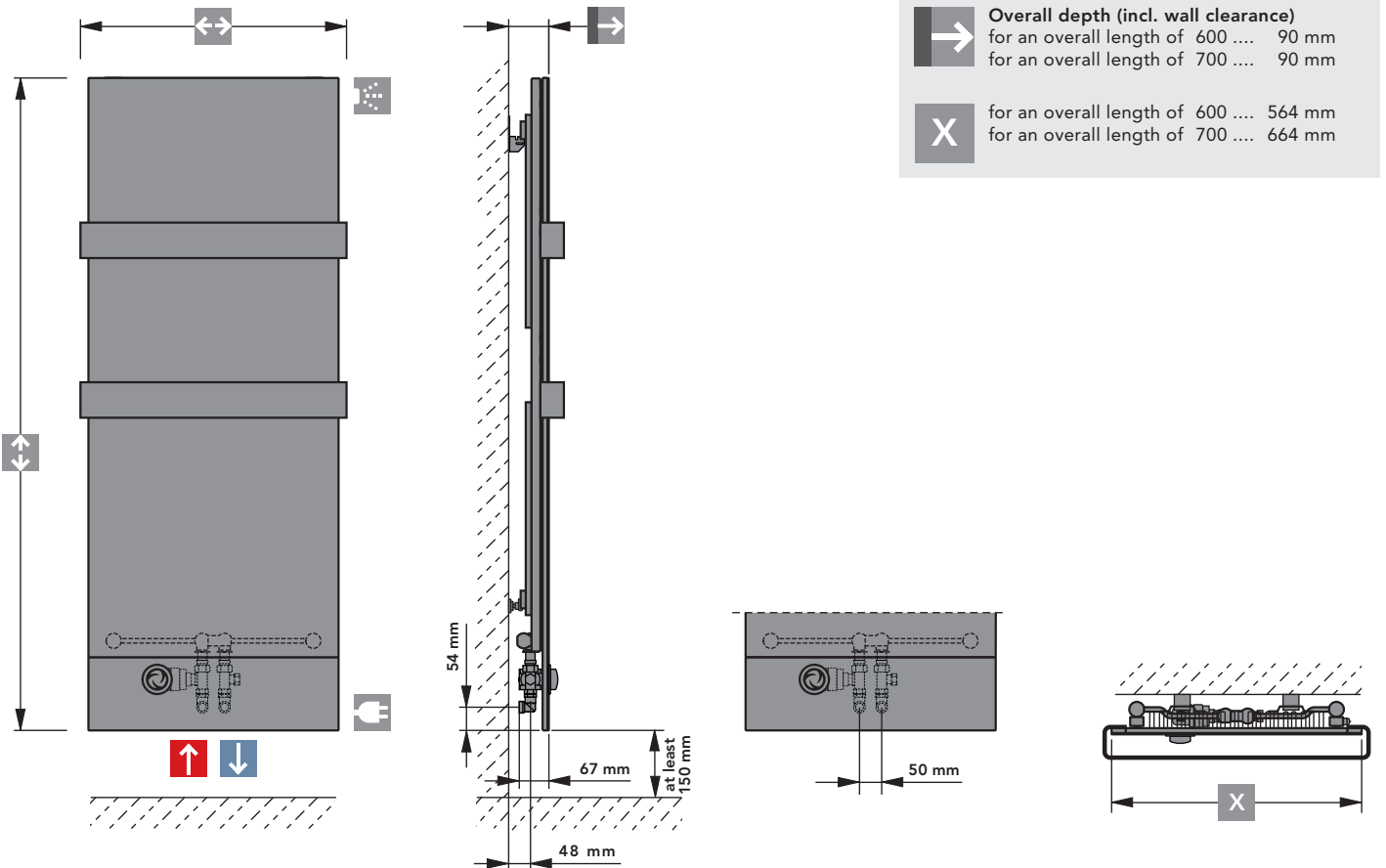
Accessory: electric heat element G 3/8
SEWA Design radiators equipped with an electric heating element can also be used at times when the regular heating system is switched off.

It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

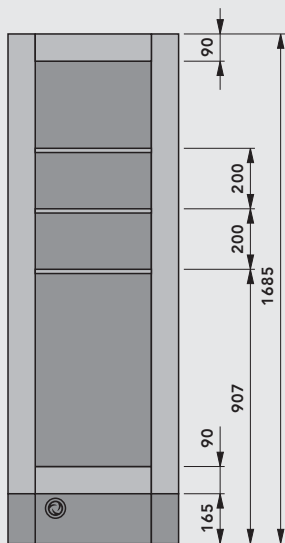
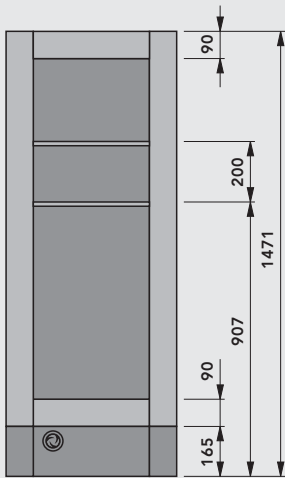
- Basic standard accessories (included):**
- 2 towel rails (overall height 1500 mm), or 3 towel rails (overall height 1700 mm)
 - an integrated valve connection set incl. thermostat head
 - a pivotable vent plug, G 1/4, and
 - a dummy plug, G 3/8, nickel-plated brass, self-sealing, factory-sealed
 - a wall mounting set with spacers
 - 2 mounting brackets, alternatively: 2 extensions
 - instruction sheet

<p>SEWA Standard</p>  <ol style="list-style-type: none"> ① Radiator Grey Aluminium RAL 9007 ② Front plate Traffic White RAL 9016 ③ Towel rail in centre Traffic White RAL 9016 ④ Towel rail, at top and bottom Traffic White RAL 9016 	<p>SEWA Elegance</p>  <ol style="list-style-type: none"> ① Radiator Colour optional, see colour chart ② Front plate Colour optional, see colour chart ③ Towel rail in centre - Colour optional, see colour chart ④ Towel rail, at top and bottom Colour the same as radiator colour 	<p>SEWA Decor</p>  <ol style="list-style-type: none"> ① Radiator Colour optional, see colour chart ② Front plate Traffic White RAL 9016, sample in radiator colour ③ Towel rail in centre - Traffic White RAL 9016 ④ Towel rail, at top and bottom Colour the same as radiator colour 	<p>SEWA Trend decor</p>  <ol style="list-style-type: none"> ① bis ④ Radiator, front plate, towel rail in centre, as well as towel rail at top and bottom: decor optional, see "Trend Decor" range
Item no.	Item no.	Item no.	Item no.
DSEAB1506A	DSEAE1506A	DSEAD1506A	DSEAT1506A
DSEAB1706A DSEAB1707A	DSEAE1706A DSEAE1707A	DSEAD1706A DSEAD1707A	DSEAT1706A DSEAT1707A

(2) At 60° C



Vertical dimensions [mm]

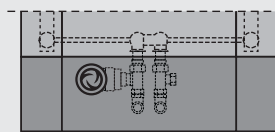


Technical data, product family

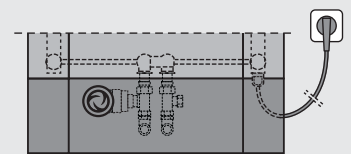
Overall height	Diagram scale M 1:50		Overall length	Heat output ⁽¹⁾ in Watts	E-heat element output ⁽²⁾ in Watts
	[mm]					[mm]	75/65/20 °C
1500 (1471)	564	664	564	779	600
1700 (1685)			564	914	600
			664	1045	600

⁽¹⁾ Estimated heat output

Connection example without electric heating element



Connection example with electric heating element



Connections
2 x external thread G 3/4"
(valve connection set)
Connection modes
see diagram



Maximum permissible operating pressure
5 bar







Maximum operating temperature
110 °C

Accessory: electric heat element G 3/8
EDISTO Design radiators equipped with an electric heating element can also be used at times when the regular heating system is switched off.

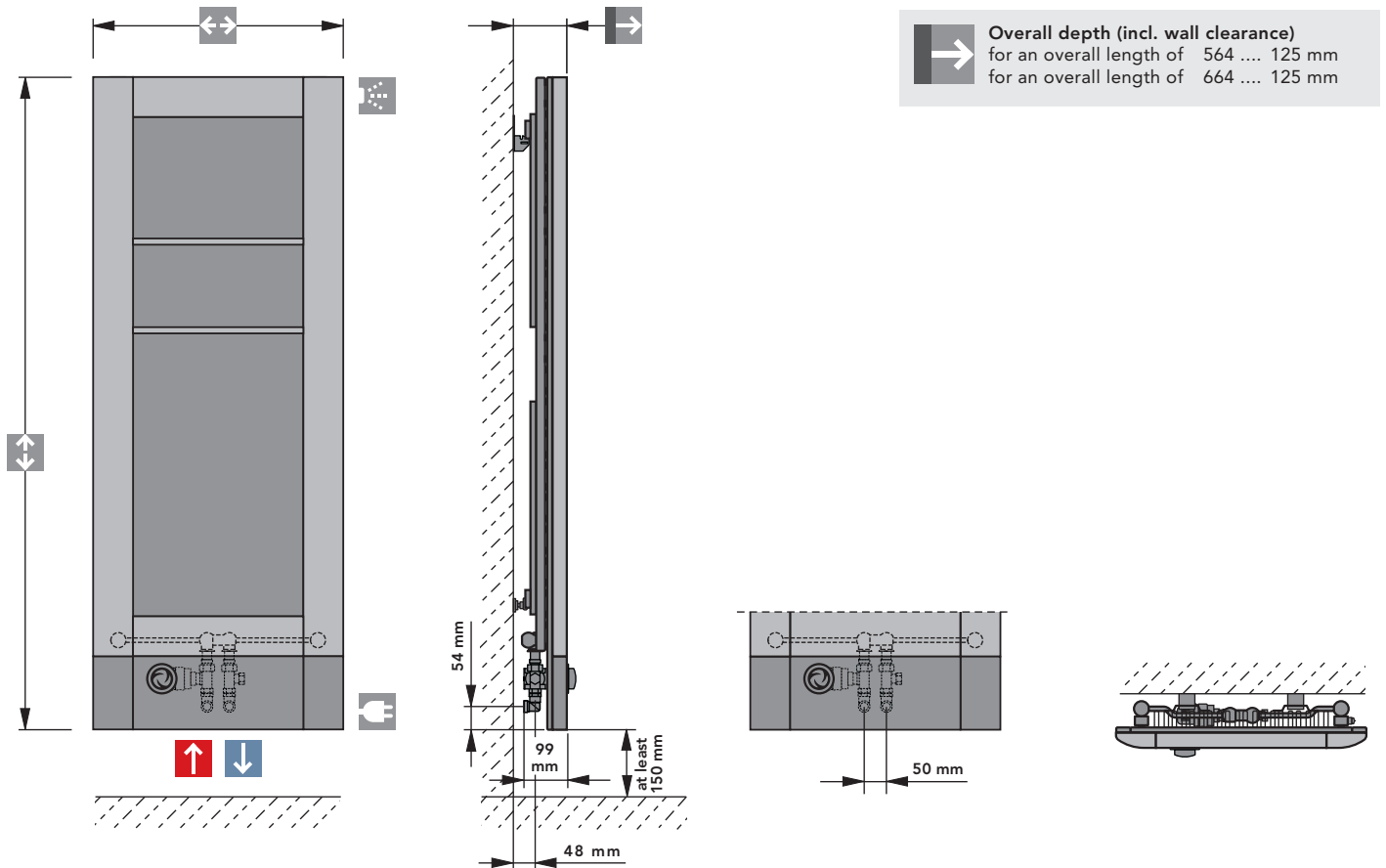
It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

Basic standard accessories (included):

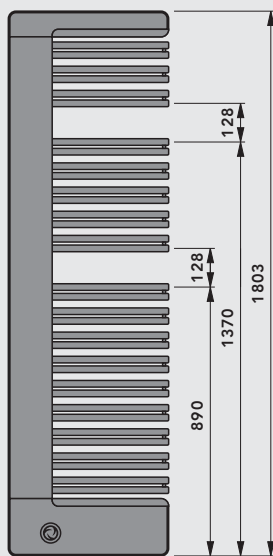
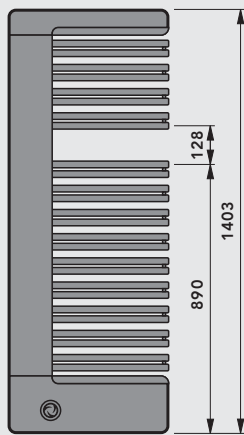
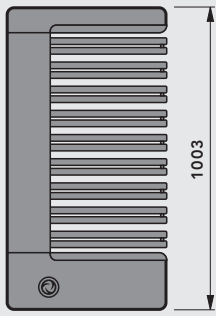
- 2 towel rails (1500 mm high), or 3 towel rails (1700 mm high)
- an integrated valve connection set incl. thermostat head
- a pivotable vent plug, G 1/4, and
- a dummy plug, G 3/8, nickel-plated brass, self-sealing, factory-sealed
- a wall mounting set with spacers
- 2 mounting brackets, alternatively: 2 extensions
- instruction sheet

<p>EDISTO Standard</p>  <ol style="list-style-type: none"> ① Radiator Grey Aluminium RAL 9007 ② Decor frame Traffic White RAL 9016 ③ Front plate Traffic White RAL 9016 ④ Towel rail Grey Aluminium RAL 9007 ⑤ Skirting board Traffic White RAL 9016 	<p>EDISTO Elegance</p>  <ol style="list-style-type: none"> ① Radiator Colour optional, see colour chart ② Decor frame Grey Aluminium RAL 9007 ③ Frontpanel Colour the same as radiator colour ④ Towel rail Chrome ⑤ Skirting board Colour the same as radiator colour 	<p>EDISTO Decor</p>  <ol style="list-style-type: none"> ① Radiator Colour optional, see colour chart ② Decor frame Traffic White RAL 9016 ③ Frontpanel Traffic White RAL 9016, with a pattern in radiator colour ④ Towel rail Chrome ⑤ Skirting board Colour the same as radiator colour 	<p>EDISTO Trend decor</p>  <ol style="list-style-type: none"> ①②③⑤ Radiator, Dekor- ative border, Front plate, as well as skirting board: decor optional, see "Trend Decor" range ④ Towel rail Chrome
Item no.	Item no.	Item no.	Item no.
DEDAB1506A	DEDAE1506A	DEDAD1506A	DEDAT1506A
DEDAB1706A DEDAB1707A	DEDAE1706A DEDAE1707A	DEDAD1706A DEDAD1707A	DEDAT1706A DEDAT1707A

(2) At 60° C



Vertical dimensions [mm]

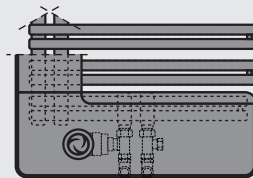


Technical data, product family

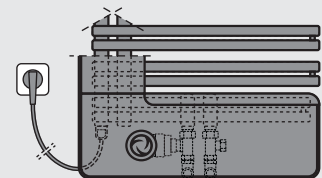
Overall height	Diagram scale M 1:50		Overall length	Heat output ⁽¹⁾ in Watts	E-heat element output ⁽²⁾ in Watts
	[mm]				
1000 (1003)	530	630	530	460	300
1400 (1403)	530		530	610	300
	630			730	600
1800 (1803)	530		530	730	600
	630			880	600

⁽¹⁾ Estimated heat output

Connection example without electric heating element



Connection example with electric heating element



Connections
 2 x internal thread G 1/2
 1 x internal thread G 1/4 (for vent plug)
 2 x external thread G 3/4 (mounting brackets or extensions)
Connection modes
 see diagram



Test overpressure
 13 bar



Maximum positive operating pressure
 10 bar







Maximum operating temperature
 110 °C

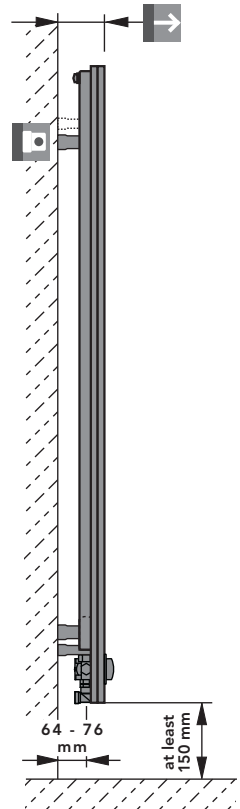
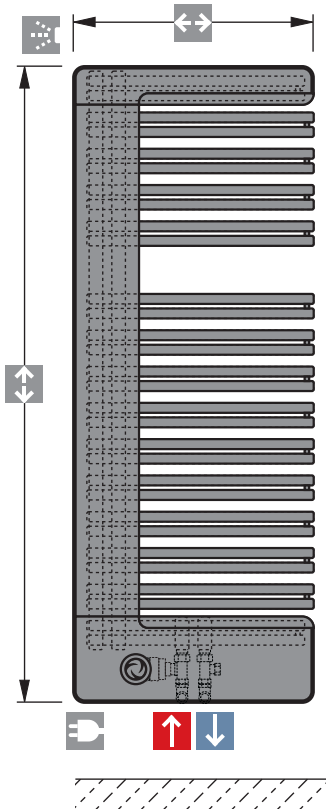
Accessory: PTC electric heat element
 NERO Design radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off.

It is **absolutely necessary** to take account of the allocation of the electric heating element power-ratings.

- Basic standard accessories (included):**
- an integrated valve connection set incl. thermostat head
 - a pivotable vent plug, G 1/4, nickel-plated, self-sealing, factory-sealed
 - a wall mounting set matching the radiator colour
 - 2 mounting brackets, alternatively: 2 extensions
 - fitting aid
 - instruction sheet

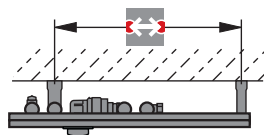
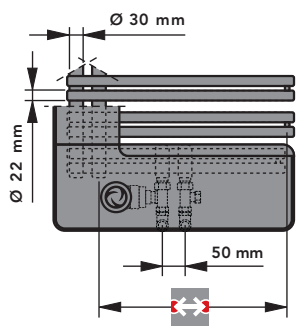
<p>NERO Standard</p> <p>① Radiator and main frame Traffic White RAL 9016</p> <p>② Front plate Traffic White RAL 9016</p> <p>③ Decor frame and decor bands Grey Aluminium RAL 9007</p> 	<p>NERO Elegance</p> <p>① Radiator and main frame Colour optional, see colour chart</p> <p>② Front plate Colour optional, see colour chart</p> <p>③ Decor frame and decor bands Chrome</p> 	<p>NERO Decor</p> <p>① Radiator and main frame Colour optional, see colour chart</p> <p>② Front plate Traffic White RAL 9016, with a pattern in the radiator colour</p> <p>③ Decor frame and decor bands Chrome</p> 	<p>NERO Nature</p> <p>① Radiator and main frame as well as</p> <p>② Front plate Colour optional, see "Nature" range</p> <p>③ Decor frame and decor bands Chrome</p> 
Item no.	Item no.	Item no.	Item no.
DNEAB1005A	DNEAE1005A	DNEAD1005A	DNEAN1005A
DNEAB1405A DNEAB1406A	DNEAE1405A DNEAE1406A	DNEAD1405A DNEAD1406A	DNEAN1405A DNEAN1406A
DNEAB1805A DNEAB1806A	DNEAE1805A DNEAE1806A	DNEAD1805A DNEAD1806A	DNEAN1805A DNEAN1806A

(2) At 60° C

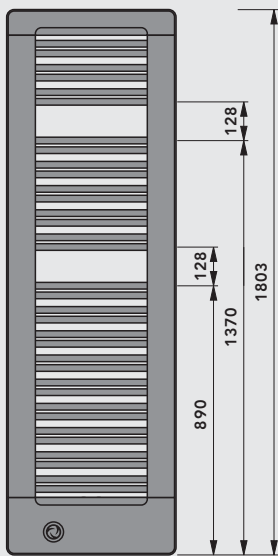
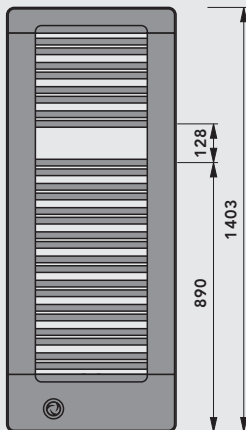
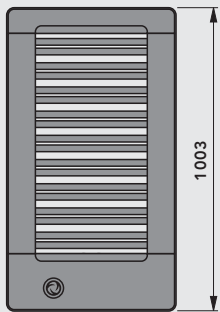


➔ Overall depth (incl. wall clearance)
for an overall length of 530 100-112 mm
for an overall length of 630 100-112 mm

↔ Overall length - 120 mm



Vertical dimensions [mm]



Connections

- 2 x internal thread G 1/2
- 1 x internal thread G 1/4 (for vent plug)
- 2 x external thread G 3/4 (mounting brackets or extensions)

Connection modes see diagram



Test overpressure 13 bar



Maximum positive operating pressure 10 bar



Maximum operating temperature 110 °C

Technical data, product family



Overall height

Diagram scale M 1:50



Overall length

[mm]

560

660

[mm]

Heat output⁽¹⁾ in Watts

E-heat element output⁽²⁾ in Watts

1000 (1003)

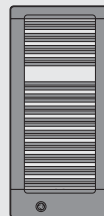


560

470

300

1400 (1403)



560

650

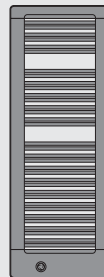
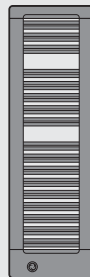
300

660

760

600

1800 (1803)



560

790

600

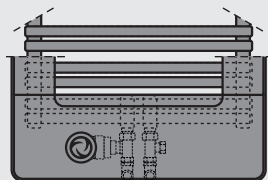
660

930

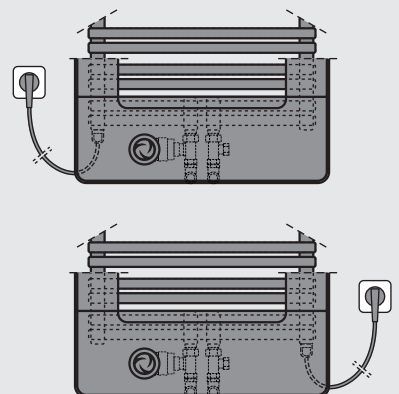
600

⁽¹⁾ Estimated heat output

Connection example without electric heating element



Connection example with electric heating element







Accessory: PTC electric heat element

NERO Design radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off.

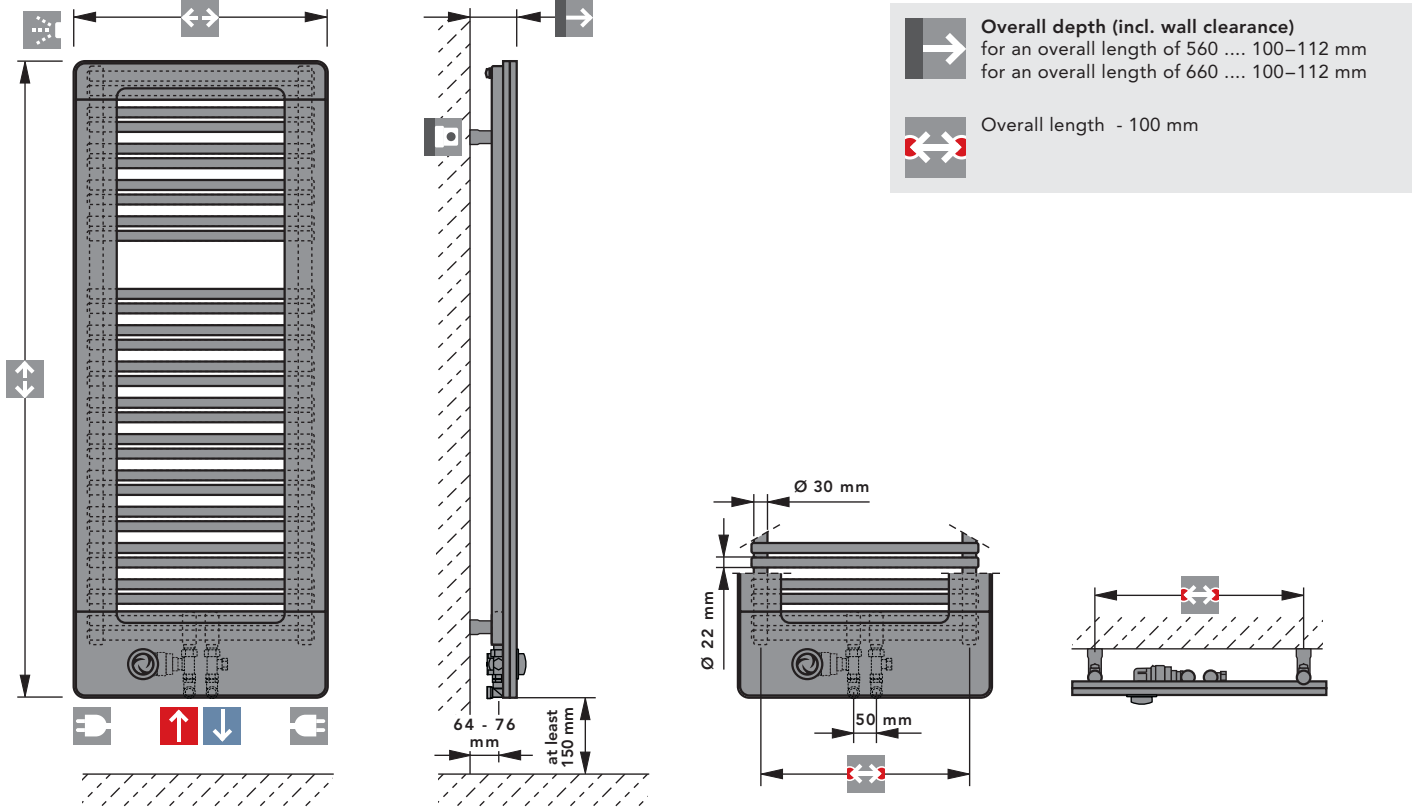
It is **absolutely necessary** to take account of the allocation of the electric heating element power-ratings.

Basic standard accessories (included):

- an integrated valve connection set incl. thermostat head
- a pivotable vent plug, G 1/4, nickel-plated, self-sealing, factory-sealed
- a wall mounting set matching the radiator colour
- 2 mounting brackets, alternatively: 2 extensions
- fitting aid
- instruction sheet

ALIBORI Standard  ① Radiator and main frame Traffic White RAL 9016 ② Front plate Traffic White RAL 9016 ③ Decor frame and decor bands Grey Aluminium RAL 9007	ALIBORI Elegance  ① Radiator and main frame Colour optional, see colour chart ② Front plate Colour optional, see colour chart ③ Decor frame and decor bands Chrome	ALIBORI Decor  ① Radiator and main frame Colour optional, see colour chart ② Front plate Traffic White RAL 9016, with a pattern in the radiator colour ③ Decor frame and decor bands Chrome	ALIBORI Nature  ① Radiator and main frame as well as ② Front plate Colour optional, see „Nature“ range ③ Decor frame and decor bands Chrome
Item no.	Item no.	Item no.	Item no.
DALAB1005A	DALAE1005A	DALAD1005A	DALAN1005A
DALAB1405A DALAB1406A	DALAE1405A DALAE1406A	DALAD1405A DALAD1406A	DALAN1405A DALAN1406A
DALAB1805A DALAB1806A	DALAE1805A DALAE1806A	DALAD1805A DALAD1806A	DALAN1805A DALAN1806A

(2) At 60° C

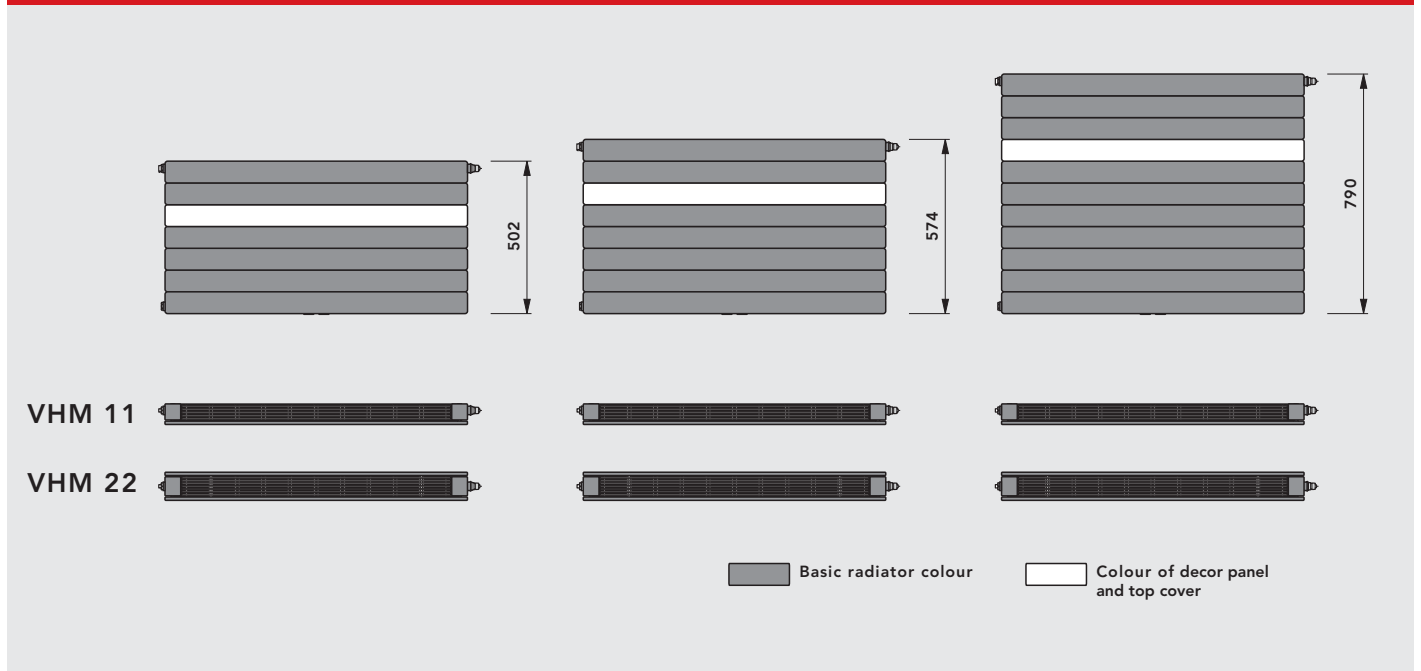


Technical data, product family

Overall height [mm]	Diagram scale M 1:50					Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	
	800	1000	1200	1400	1600		VHM 11	VHM 22
502						800	643	1124
						1000	804	1405
						1200	965	1686
						1400	1126	1967
						1600	1286	2248
574						800	709	1227
						1000	886	1534
						1200	1063	1841
						1400	1240	2148
						1600	1418	2454
790						800	884	1509
						1000	1105	1886
						1200	1326	2263
						1400	1547	2640
						1600	1768	3018

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Vertical dimensions [mm]



Connections
2 x external thread G ¾ (bottom centre)
Connection modes
see diagram



Maximum positive operating pressure
Standard design:
5 bar

Basic standard accessories (included):

- a drain plug, G ½, and
- a pivotable vent plug, G ½, nickel-plated brass, self-sealing, factory-sealed
- instruction sheet



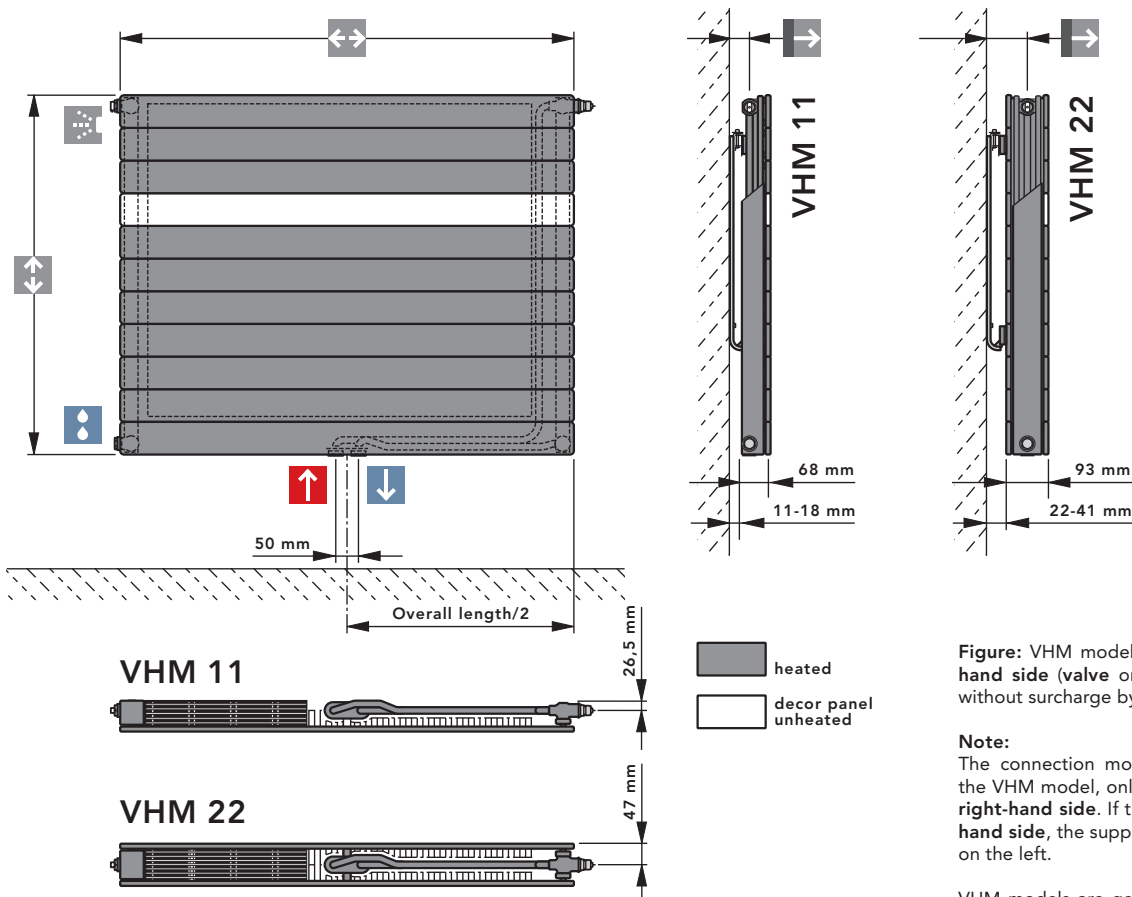
Maximum operating temperature
110 °C



Maximum positive operating pressure
High-pressure design:
(supplement of 10%): 8 bar

Radiator exponent n		RAL 9016 Traffic White ⁽²⁾	RAL 9007 Grey Aluminium ⁽²⁾	RAL 9016 Traffic White ⁽²⁾	RAL 9007 Grey Aluminium ⁽²⁾
		VHM 11	VHM 11	VHM 22	VHM 22
VHM 11	VHM 22	Item no.	Item no.	Item no.	Item no.
1,294	1,342	D11MB5008E	D11MF5008E	D22MB5008E	D22MF5008E
1,294	1,342	D11MB5010E	D11MF5010E	D22MB5010E	D22MF5010E
1,294	1,342	D11MB5012E	D11MF5012E	D22MB5012E	D22MF5012E
1,294	1,342	D11MB5014E	D11MF5014E	D22MB5014E	D22MF5014E
1,294	1,342	D11MB5016E	D11MF5016E	D22MB5016E	D22MF5016E
1,301	1,352	D11MB5708E	D11MF5708E	D22MB5708E	D22MF5708E
1,301	1,352	D11MB5710E	D11MF5710E	D22MB5710E	D22MF5710E
1,301	1,352	D11MB5712E	D11MF5712E	D22MB5712E	D22MF5712E
1,301	1,352	D11MB5714E	D11MF5714E	D22MB5714E	D22MF5714E
1,301	1,352	D11MB5716E	D11MF5716E	D22MB5716E	D22MF5716E
1,339	1,408	D11MB7908E	D11MF7908E	D22MB7908E	D22MF7908E
1,339	1,408	D11MB7910E	D11MF7910E	D22MB7910E	D22MF7910E
1,339	1,408	D11MB7912E	D11MF7912E	D22MB7912E	D22MF7912E
1,339	1,408	D11MB7914E	D11MF7914E	D22MB7914E	D22MF7914E
1,339	1,408	D11MB7916E	D11MF7916E	D22MB7916E	D22MF7916E

⁽²⁾ Colour of decor panel and top cover see colour chart



Connection-wall clearance
 VHM 11 43 mm*
 VHM 22 87 mm*

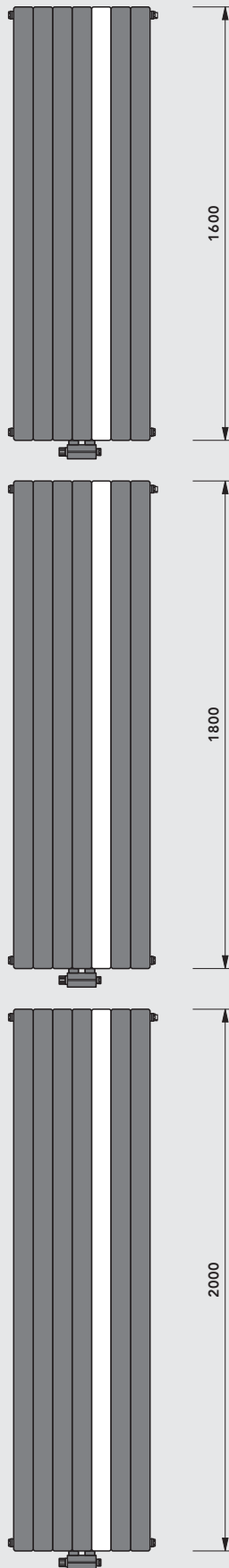
*Applies only for the Vonomat wall console!



Figure: VHM model with the valve on the right-hand side (valve on the left-hand side available without surcharge by special order).

Note:
 The connection mode indicated here applies for the VHM model, only if the valve is located on the right-hand side. If the valve is located on the left-hand side, the supply is on the right and the return on the left.


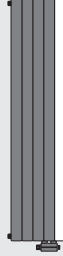



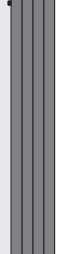



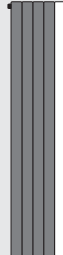


VHM models are generally delivered with welded-on brackets.

Vertical dimensions [mm]





 Basic radiator colour
 Colour of decor panel

Technical data, product family


Overall height [mm]	Diagram scale M 1:50				Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	
	358	502	646	862		VSM 10	VSM 21
1600					358	622	1140
					502	872	1598
					646	1123	2057
					862	1498	2745
1800					358	708	1285
					502	993	1801
					646	1278	2318
					862	1706	3093
2000					358	799	1436
					502	1120	2014
					646	1442	2592
					862	1924	3458

⁽¹⁾ Tested in accordance with ÖNORM EN 442

 **Connections**
 2 x external thread G ¾ (bottom centre)
Connection modes
 see diagram

 **Maximum operating temperature**
 110 °C

 **Maximum positive operating pressure**
 Standard design:
 5 bar

 **Maximum positive operating pressure**
 High-pressure design:
 (supplement of 10 %): 8 bar

- Basic standard accessories (included):**
- a drain plug, G ½, and
 - a pivotable vent plug, G ½, nickel-plated brass, self-sealing, factory-sealed
 - a valve connection set with angled two-pipe design
 - covering rosette in matching radiator colour
 - installation sheet

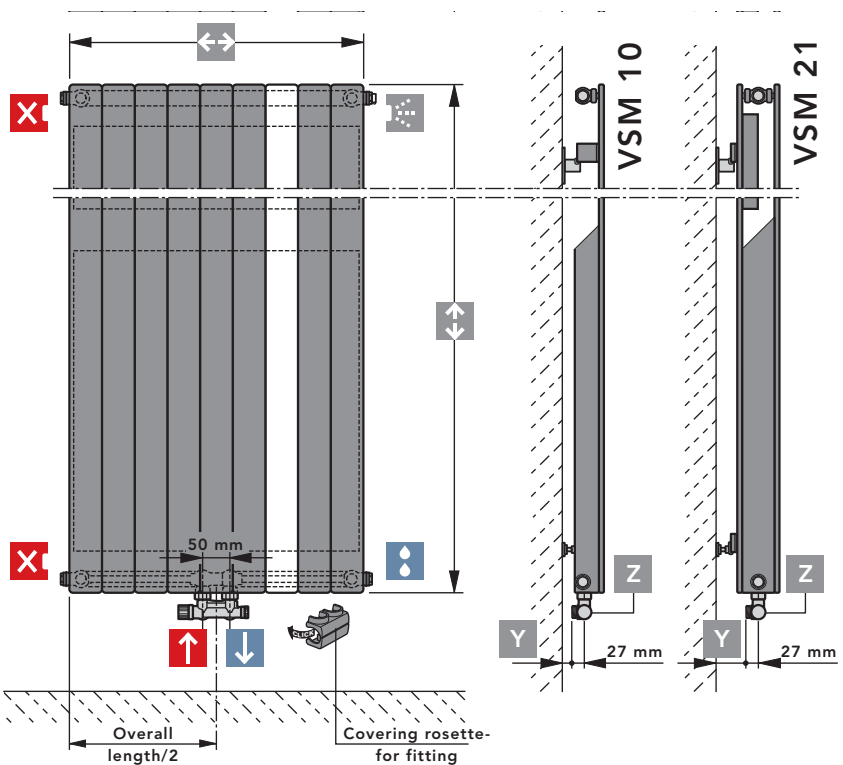
Angled connection fitting			Z
Mounting	Model	Dimension	Y
*	VSM 10	*	
WA 11	VSM 21	63 mm	

Note:
 VSM models are only available with welded-on brackets.

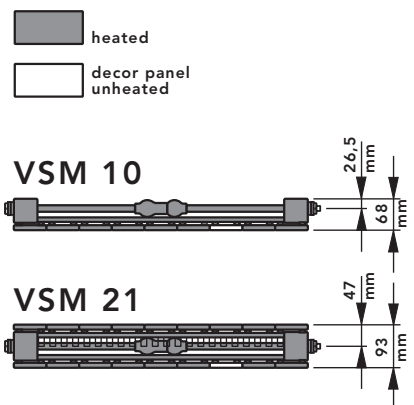
- For the installation of the VSM 21 model use the **WA 11** wall fastening set.
- *For the installation of the VSM 10 model with the angled connection fitting **Z**, please use the appropriate drill consoles or angled fastening set in order to obtain the necessary wall clearance.

Radiator exponent n		RAL 9016 Traffic White ⁽²⁾	RAL 9007 Grey Aluminium ⁽²⁾	RAL 9016 Traffic White ⁽²⁾	RAL 9007 Grey Aluminium ⁽²⁾
		VSM 10	VSM 10	VSM 21	VSM 21
VSM 10	VSM 21	Item no.	Item no.	Item no.	Item no.
1,399	1,404	D10ME3616E	D10MA3616E	D21ME3616E	D21MA3616E
1,399	1,404	D10ME5016E	D10MA5016E	D21ME5016E	D21MA5016E
1,399	1,404	D10ME6516E	D10MA6516E	D21ME6516E	D21MA6516E
1,399	1,404	D10ME8616E	D10MA8616E	D21ME8616E	D21MA8616E
1,401	1,397	D10ME3618E	D10MA3618E	D21ME3618E	D21MA3618E
1,401	1,397	D10ME5018E	D10MA5018E	D21ME5018E	D21MA5018E
1,401	1,397	D10ME6518E	D10MA6518E	D21ME6518E	D21MA6518E
1,401	1,397	D10ME8618E	D10MA8618E	D21ME8618E	D21MA8618E
1,390	1,381	D10ME3620E	D10MA3620E	D21ME3620E	D21MA3620E
1,390	1,381	D10ME5020E	D10MA5020E	D21ME5020E	D21MA5020E
1,390	1,381	D10ME6520E	D10MA6520E	D21ME6520E	D21MA6520E
1,390	1,381	D10ME8620E	D10MA8620E	D21ME8620E	D21MA8620E

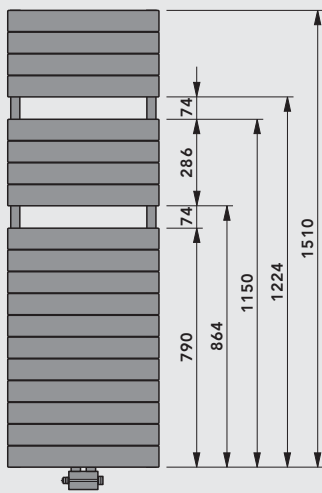
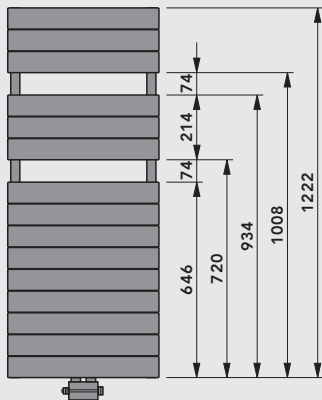
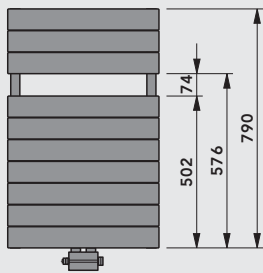
⁽²⁾ Colour of decor panel see colour chart



Z Connection fitting
Two-pipe operation – angled design



Vertical dimensions [mm]

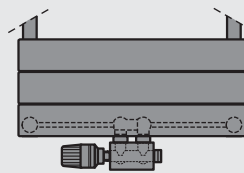


Technical data, product family

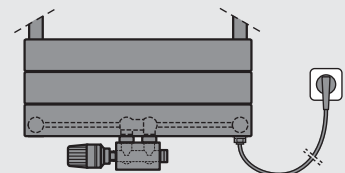
Nominal height (overall height)	Diagram scale M 1:50				Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power [Watts]
	500	600	700	800				
800 (790)					500	416	1,223	300
					600	487	1,217	300
					700	557	1,211	300
					800	626	1,205	300
1250 (1222)					500	608	1,233	300
					600	713	1,221	300
					700	815	1,210	600
					800	915	1,198	600
1500 (1510)					500	727	1,234	600
					600	852	1,242	600
					700	974	1,250	600
					800	1094	1,258	600

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections

2 x external thread G 3/4
(valve connection set)
1 x internal thread G 3/8, and
1 x internal thread G 1/4
(for the vent plug)

Connection modes
see diagram



Maximum positive operating pressure
5 bar



Maximum operating temperature
110 °C

Accessory: electric heating element, G 3/8

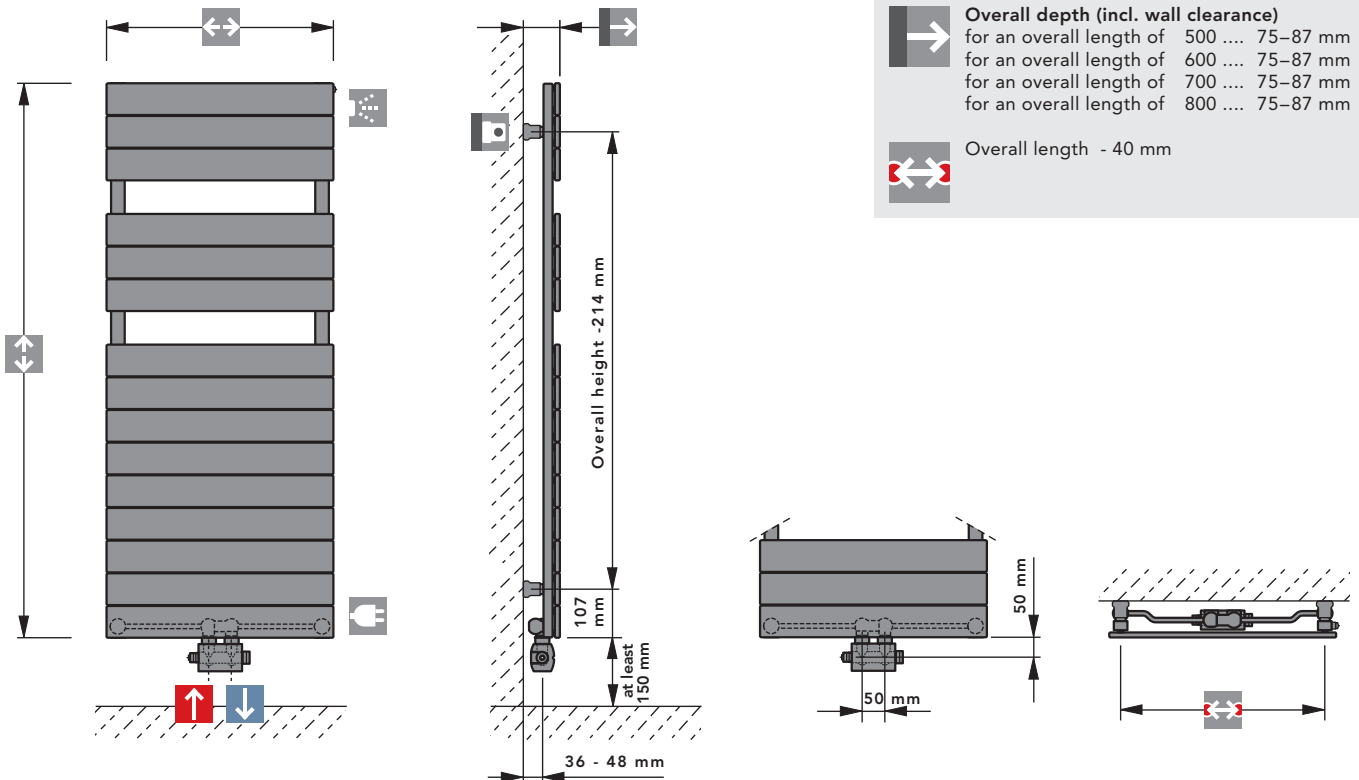
Design radiators with flat tubes which are equipped with an electric heating element can also be used at times when the regular heating system is switched off.

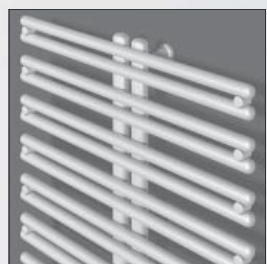
It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

Basic standard accessories (included):

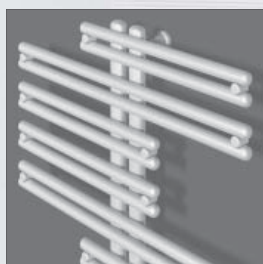
- a pivotable vent plug, G 1/4, and
- a dummy plug, G 3/8, nickel-plated brass, self-sealing, factory-sealed
- valve connection set in an angled two-pipe design
- covering rosette in matching radiator colour
- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DDNAB7905A	DDNAF7905A	DDNAS7905A
DDNAB7906A	DDNAF7906A	DDNAS7906A
DDNAB7907A	DDNAF7907A	DDNAS7907A
DDNAB7908A	DDNAF7908A	DDNAS7908A
DDNAB2305A	DDNAF2305A	DDNAS2305A
DDNAB2306A	DDNAF2306A	DDNAS2306A
DDNAB2307A	DDNAF2307A	DDNAS2307A
DDNAB2308A	DDNAF2308A	DDNAS2308A
DDNAB5205A	DDNAF5205A	DDNAS5205A
DDNAB5206A	DDNAF5206A	DDNAS5206A
DDNAB5207A	DDNAF5207A	DDNAS5207A
DDNAB5208A	DDNAF5208A	DDNAS5208A

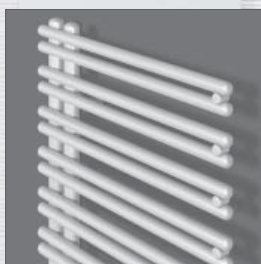




MOSEL



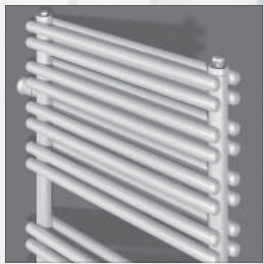
KASAI



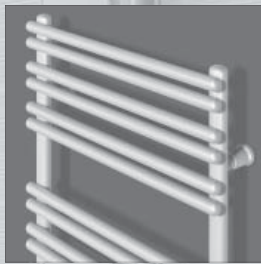
FATALA



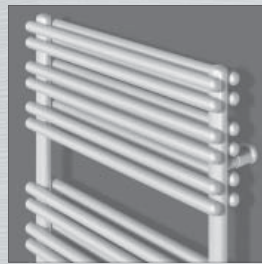
Universal & Modern.



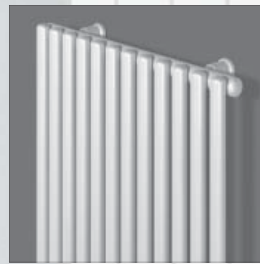
ARUN



BAWA



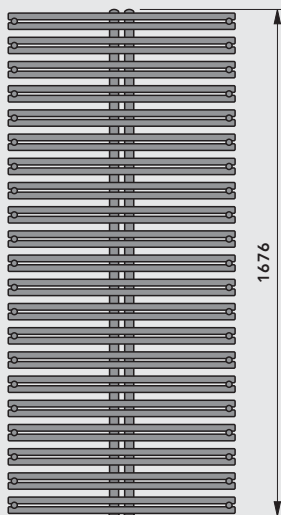
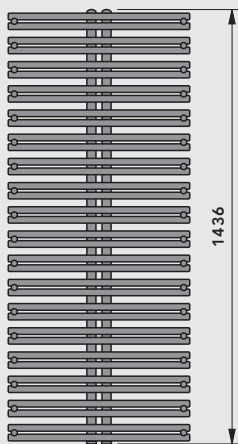
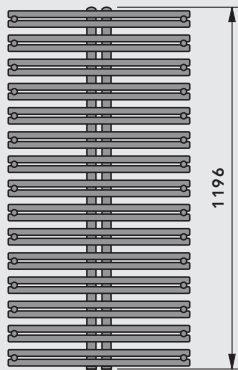
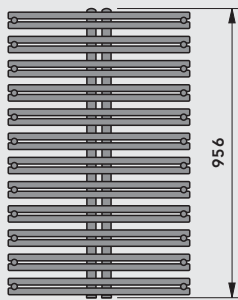
BAWA TWIN



GURA

Take a look into the future with us and discover the secrets of the "next generation". Young and cheeky colours combined with a **subtle language of forms**, to reflect the vibrant spirit of the age. Functionality, ergonomics and longevity are embodied in every single one of our designer items, but on top of this they offer a **fascinating elegance**, transforming fashion items into classics.

Vertical dimensions [mm]

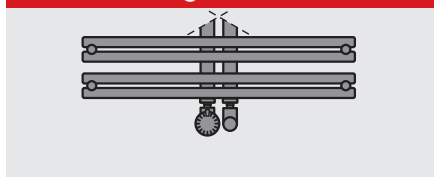


Technical data, product family

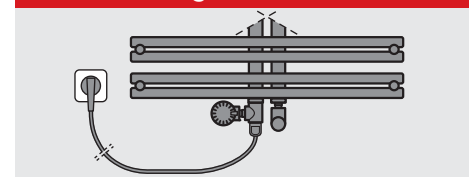
 Nominal height (overall height)	Diagram scale M 1:50			 Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	[mm]	600	750					900
1000 (956)				600	635	1,165	300
1200 (1196)				600	778	1,178	600
				750	981	1,188	600
1400 (1436)				600	918	1,190	600
				750	1157	1,182	600
				900	1399	1,173	900
1700 (1676)				750	1332	1,175	900
				900	1610	1,148	900

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections
2 x internal thread G1/2, and
1 x internal thread G 1/4 (for vent plug)
Connection modes see diagram

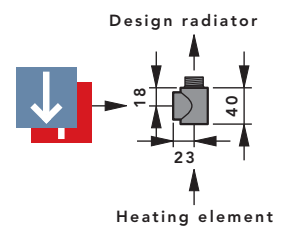
Test overpressure
13 bar

Maximum positive operating pressure
10 bar

Maximum operating temperature
110 °C

Accessory: PTC electric heating element
MOSEL Design radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off. It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

A **special adapter** (chrome-plated) should be used for the electric heating insert with the MOSEL Design radiator!

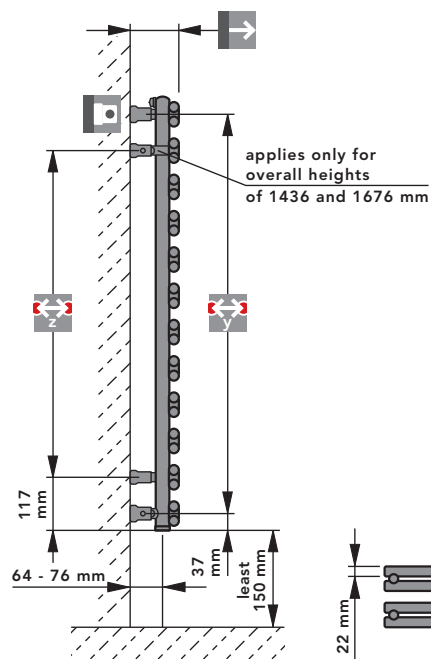
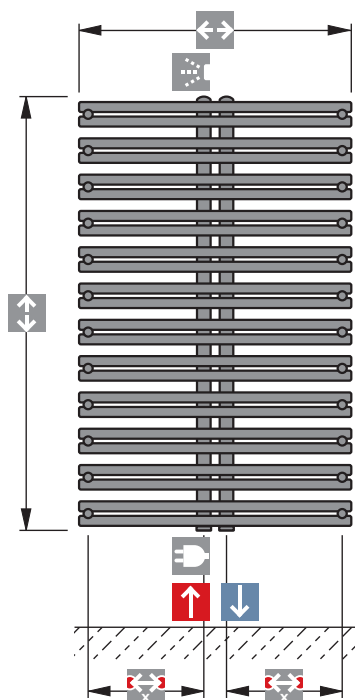


Basic standard accessories (included):

- a pivotable vent plug, G 1/4, nickel-plated, self-sealing
- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DPRNB1006A	DPRNF1006A	DPRNS1006A
DPRNB1206A DPRNB1207A	DPRNF1206A DPRNF1207A	DPRNS1206A DPRNS1207A
DPRNB1406A DPRNB1407A DPRNB1409A	DPRNF1406A DPRNF1407A DPRNF1409A	DPRNS1406A DPRNS1407A DPRNS1409A
DPRNB1707A DPRNB1709A	DPRNF1707A DPRNF1709A	DPRNS1707A DPRNS1709A

⁽²⁾ At 60 °C



Overall depth (incl. wall clearance)

- for an overall length of 600 97-109 mm
- for an overall length of 750 97-109 mm
- for an overall length of 900 97-109 mm

↔_x for an overall length of 600 255 mm

↔_y for an overall length of 750 330 mm

↔_y for an overall length of 900 405 mm

↔_y for an overall height of 956 880 mm

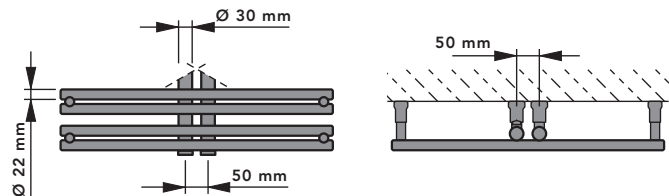
↔_y for an overall height of 1196 1120 mm

↔_y for an overall height of 1436 1360 mm

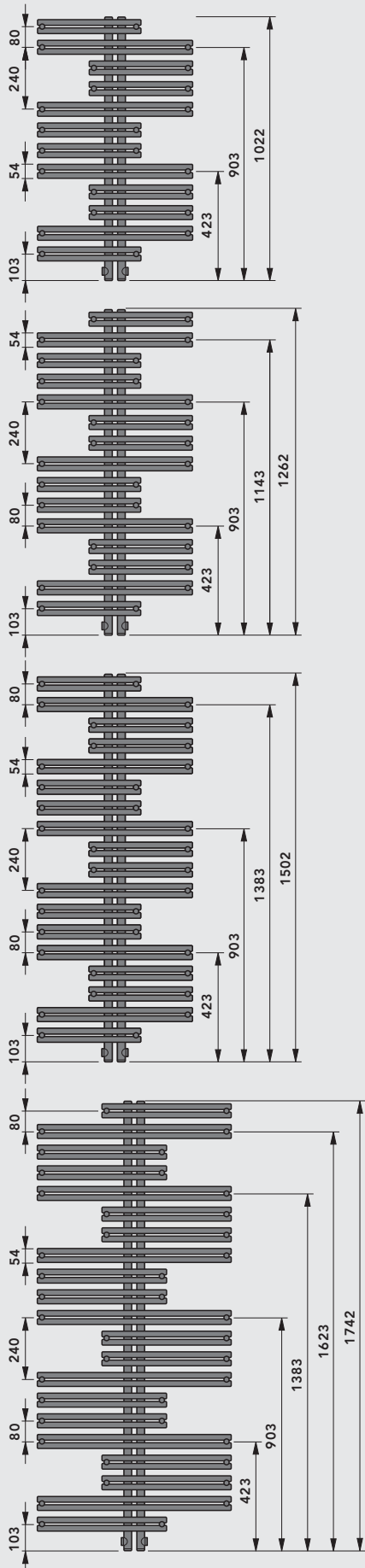
↔_y for an overall height of 1676 1600 mm

↔_z for an overall height of 1436 1200 mm

↔_z for an overall height of 1676 1440 mm



Vertical dimensions [mm]

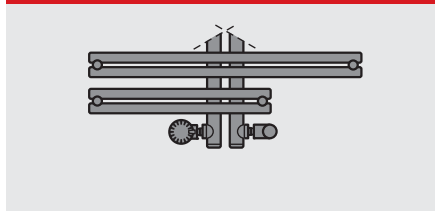


Technical data, product family

Nominal height (overall height)	Diagram scale M 1:50			Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	600	750	900				
1000 (1022)				600	499	1,259	300
1300 (1262)				600	613	1,253	300
				750	739	1,225	600
1500 (1502)				600	724	1,247	600
				750	870	1,238	600
				900	1030	1,232	600
1800 (1742)				750	1008	1,252	600
				900	1194	1,239	600

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



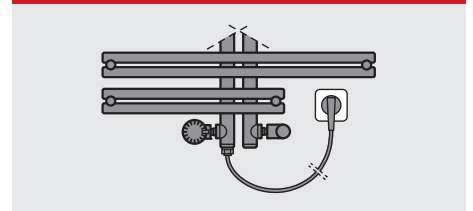
Connections
4 x internal thread G 1/2, and
1 x internal thread G 1/4 (for vent plug)
Connection modes
see diagram

Test overpressure
13 bar

Maximum positive operating pressure
10 bar

Maximum operating temperature
110 °C

Connection example with electric heating element



Accessory: PTC electric heating element
KASAI Design radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off. It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

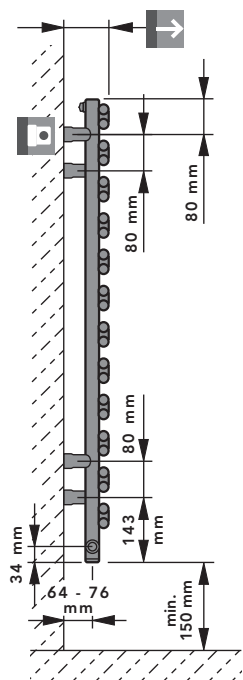
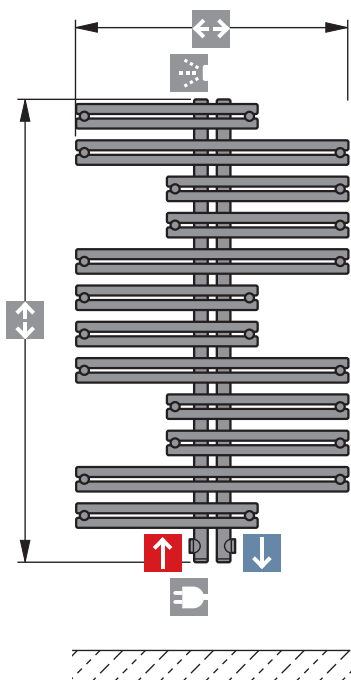
Basic standard accessories (included):





- a pivotable vent plug, G 1/4, and two dummy plugs, G 1/2, nickel-plated brass, self-sealing
- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

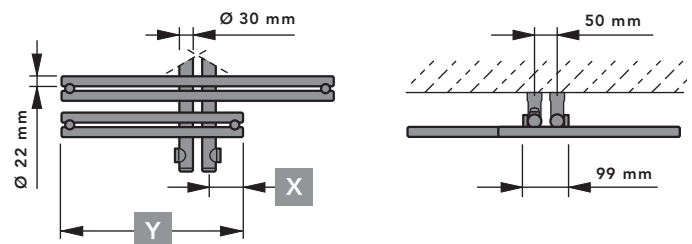
RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DPINB1006A	DPINF1006A	DPINS1006A
DPINB1306A DPINB1307A	DPINF1306A DPINF1307A	DPINS1306A DPINS1307A
DPINB1506A DPINB1507A DPINB1509A	DPINF1506A DPINF1507A DPINF1509A	DPINS1506A DPINS1507A DPINS1509A
DPINB1807A DPINB1809A	DPINF1807A DPINF1809A	DPINS1807A DPINS1809A

Universal & Modern

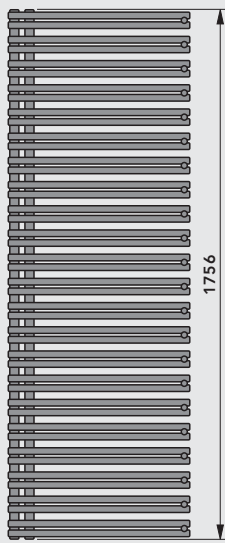
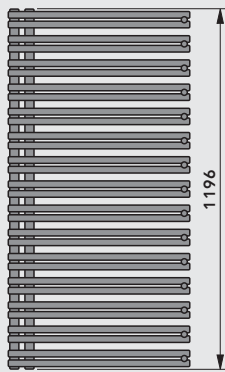
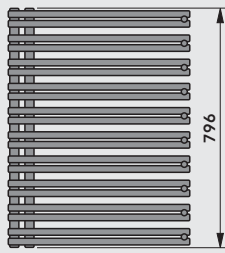
(2) At 60 °C



-  **Overall depth (incl. wall clearance)**
for an overall length of 600 97-109 mm
for an overall length of 750 97-109 mm
for an overall length of 900 97-109 mm
-  **Mounting nozzle**
With overall heights of 1000 and 1500 mm,
the 2 mounting nozzles on top are rotated 90°!
-  for an overall length of 600 75 mm
for an overall length of 750 100 mm
for an overall length of 900 125 mm
-  for an overall length of 600 400 mm
for an overall length of 750 500 mm
for an overall length of 900 600 mm



Vertical dimensions [mm]

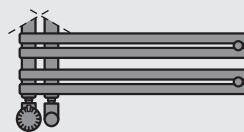


Technical data, product family

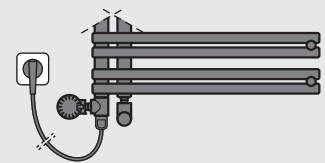
Nominal height (overall height)	Diagram scale M 1:50			Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	500	600	750				
800 (796)				500	446	1,189	300
				600	530	1,189	300
				750	653	1,189	300
1200 (1196)				500	650	1,202	300
				600	773	1,202	600
				750	955	1,202	600
1800 (1756)				500	897	1,241	600
				600	1081	1,241	600
				750	1357	1,241	900

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections
2 x internal thread G 1/2 (bottom left), and 1 x internal thread G 1/4 (for vent plug)
Connection modes
see diagram



Test overpressure
13 bar

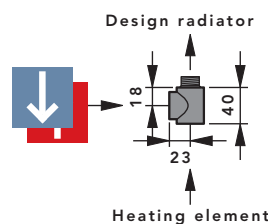


Maximum positive operating pressure
10 bar



Maximum operating temperature
110 °C

A **special adapter** (chrome-plated) should be used for the electric heating insert with the FATALA Design radiator!



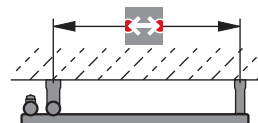
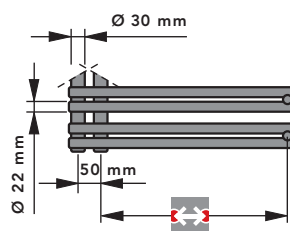
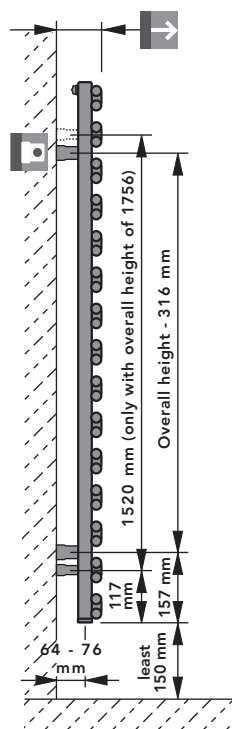
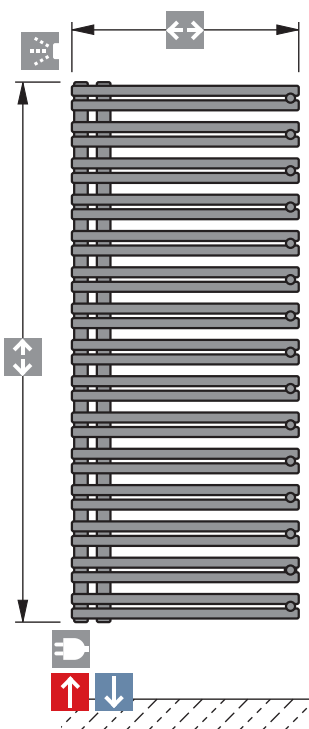
Accessory: PTC electric heating element
FATALA Design radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off. It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.


Basic standard accessories (included):


- a pivotable vent plug, G 1/4, nickel-plated, self-sealing
- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

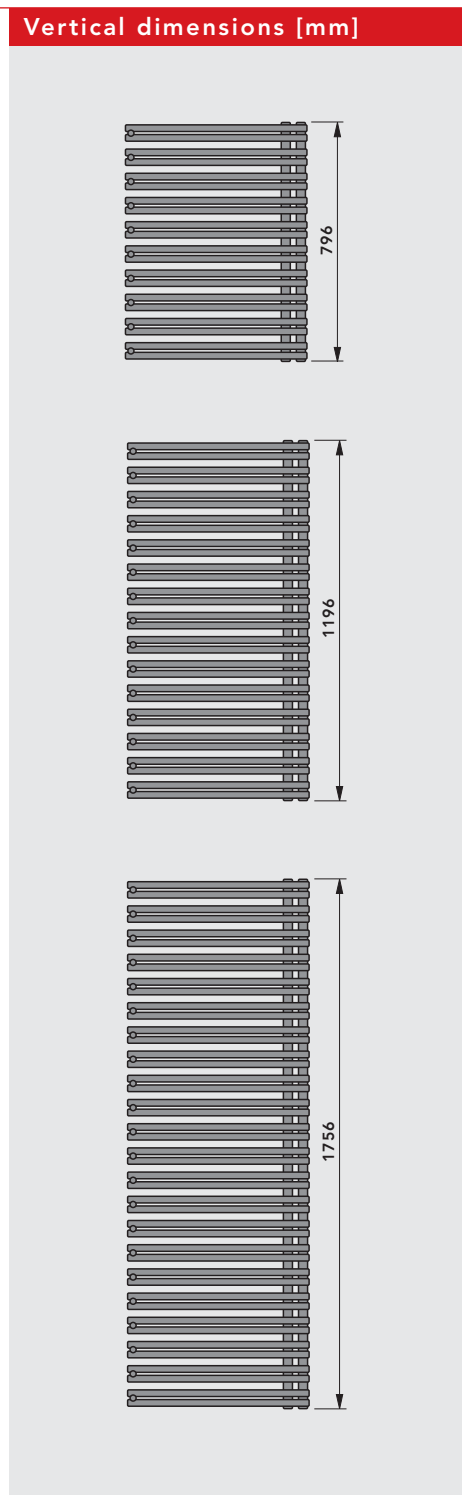
RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DWINB0805A	DWINF0805A	DWINS0805A
DWINB0806A	DWINF0806A	DWINS0806A
DWINB0807A	DWINF0807A	DWINS0807A
DWINB1205A	DWINF1205A	DWINS1205A
DWINB1206A	DWINF1206A	DWINS1206A
DWINB1207A	DWINF1207A	DWINS1207A
DWINB1805A	DWINF1805A	DWINS1805A
DWINB1806A	DWINF1806A	DWINS1806A
DWINB1807A	DWINF1807A	DWINS1807A

⁽²⁾ At 60 °C



 **Overall depth (incl. wall clearance)**
 for an overall length of 50097-109 mm
 for an overall length of 60097-109 mm
 for an overall length of 75097-109 mm

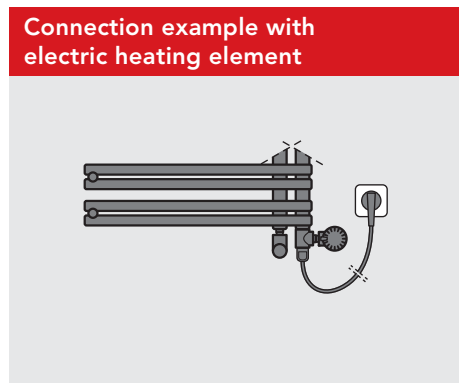
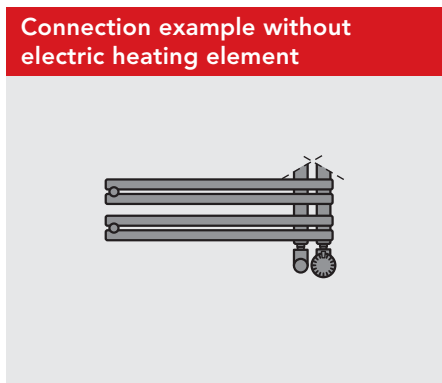
 Overall length - 90 mm



Technical data, product family

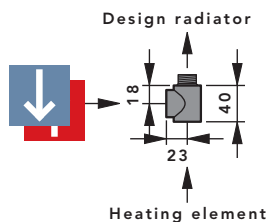
 Nominal height (overall height)	Diagram scale M 1:50			 Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	[mm]	500	600					750
800 (796)				500	446	1,189	300
				600	530	1,189	300
				750	653	1,189	300
1200 (1196)				500	650	1,202	300
				600	773	1,202	600
				750	955	1,202	600
1800 (1756)				500	897	1,241	600
				600	1081	1,241	600
				750	1357	1,241	900

(1) Tested in accordance with ÖNORM EN 442



- Connections**
 2 x internal thread G 1/2 (bottom left), and 1 x internal thread G 1/4 (for vent plug)
Connection modes
 see diagram
- Test overpressure**
 13 bar
- Maximum positive operating pressure**
 10 bar
- Maximum operating temperature**
 110 °C

A special adapter (chrome-plated) should be used for the electric heating insert with the FATALA Design radiator!

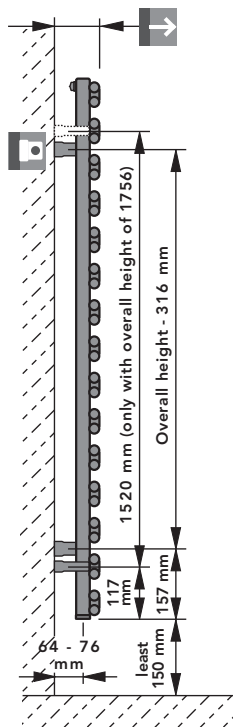
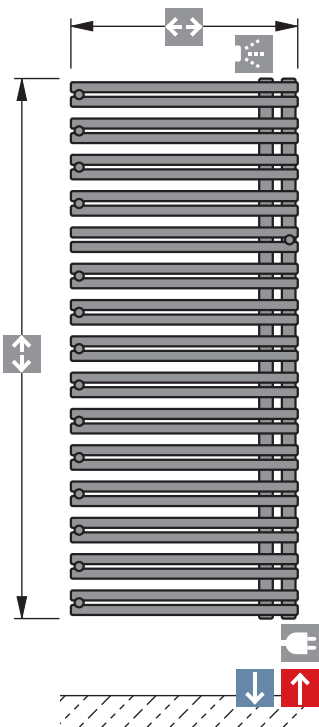


Accessory: PTC electric heating element
 FATALA Design radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off. It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

- Basic standard accessories** (included):
- a pivotable vent plug, G 1/4, nickel-plated, self-sealing
 - a wall mounting set matching the radiator colour
 - fitting aid
 - instruction sheet

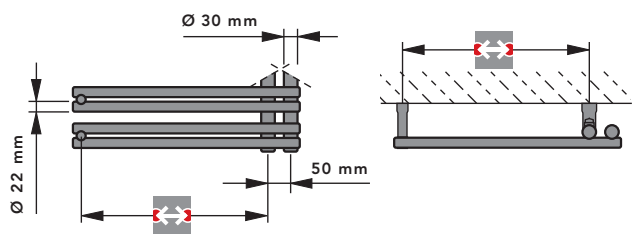
RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DWILB0805A	DWILF0805A	DWILS0805A
DWILB0806A	DWILF0806A	DWILS0806A
DWILB0807A	DWILF0807A	DWILS0807A
DWILB1205A	DWILF1205A	DWILS1205A
DWILB1206A	DWILF1206A	DWILS1206A
DWILB1207A	DWILF1207A	DWILS1207A
DWILB1805A	DWILF1805A	DWILS1805A
DWILB1806A	DWILF1806A	DWILS1806A
DWILB1807A	DWILF1807A	DWILS1807A

⁽²⁾ At 60 °C

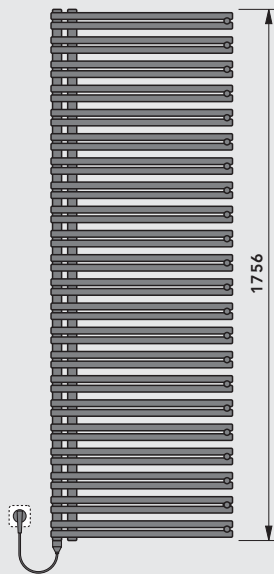
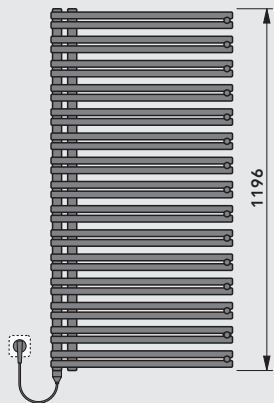
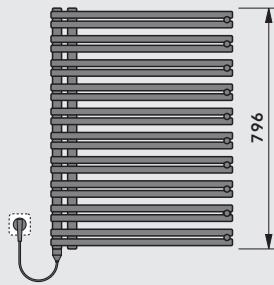


Overall depth (incl. wall clearance)
 for an overall length of 50097-109 mm
 for an overall length of 60097-109 mm
 for an overall length of 75097-109 mm



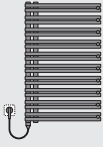
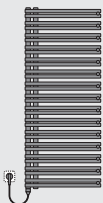
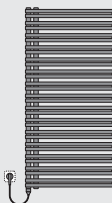
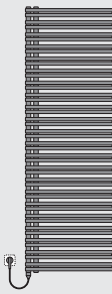
Overall length - 90 mm



Vertical dimensions [mm]



Technical data, product family

 Nominal height (overall height)	Diagram scale M 1:50		 Overall length	Nominal power ⁽¹⁾ [Watts]	Nominal voltage [V]	Protection mode
	[mm]	500					600	[mm]
800 (796)			500	300	AC 230	IP 24
1200 (1196)			500	400	AC 230	IP 24
			600	600	AC 230	IP 24
1800 (1756)			600	900	AC 230	IP 24

⁽¹⁾ At 60 °C

Description

With their built-in electric heating, the electric radiators of the FATALA-E family are elegant Design and bathroom radiators.

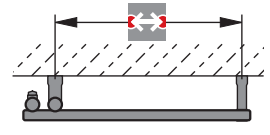
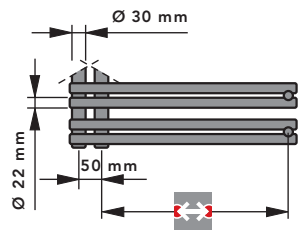
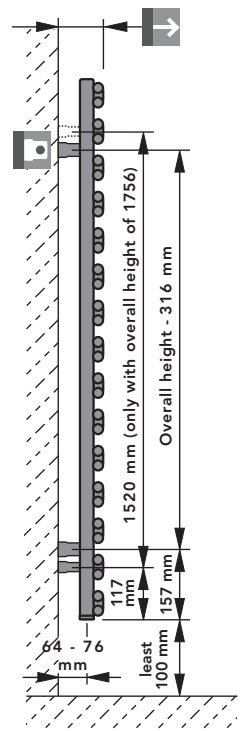
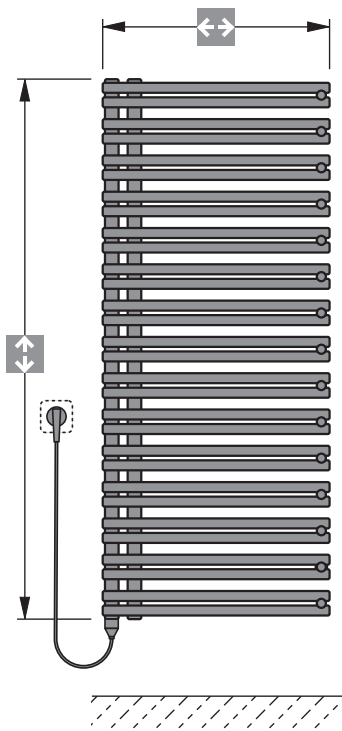
Self-regulation effect – the temperature-dependent PTC heating element automatically controls the temperature of the heat-transfer liquid by modifying its electrical resistance.


Basic standard accessories (included):


- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DWIFB0805A	DWIFF0805A	DWIFS0805A
DWIFB1205A DWIFB1206A	DWIFF1205A DWIFF1206A	DWIFS1205A DWIFS1206A
DWIFB1806A	DWIFF1806A	DWIFS1806A

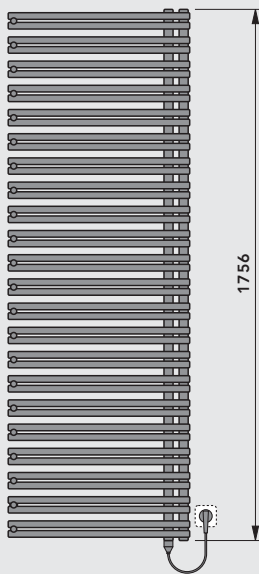
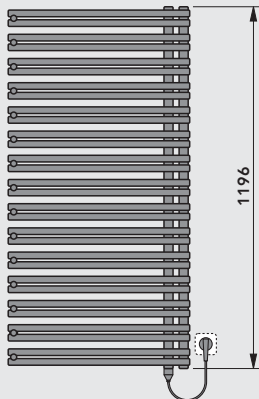
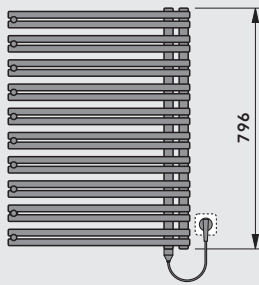
Universal & Modern









 **Overall depth (incl. wall clearance)**
 for an overall length of 500 97-109 mm
 for an overall length of 600 97-109 mm

 Overall length - 90 mm

Vertical dimensions [mm]



Technical data, product family

 Nominal height (overall height)	Diagram scale M 1:50		 Overall length	Nominal power ⁽¹⁾ [Watts]	Nominal voltage [V]	Protection mode
	[mm]	500					600	[mm]
800 (796)			500	300	AC 230	IP 24
1200 (1196)			500	400	AC 230	IP 24
			600	600	AC 230	IP 24
1800 (1756)			600	900	AC 230	IP 24

⁽¹⁾ At 60 °C

Description

With their built-in electric heating, the electric radiators of the FATALA-E, left-hand design family are elegant Design and bathroom radiators.

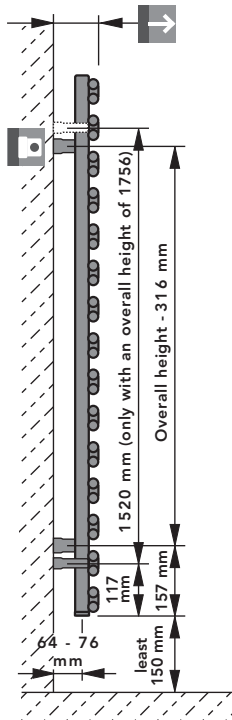
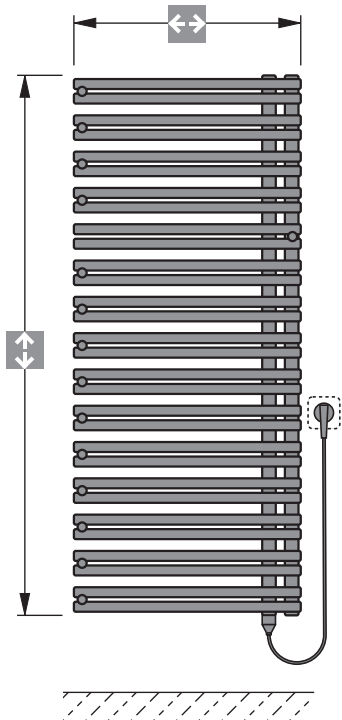
Self-regulation effect – the temperature-dependent PTC heating element automatically controls the temperature of the heat-transfer liquid by modifying its electrical resistance.


Basic standard accessories (included):


- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

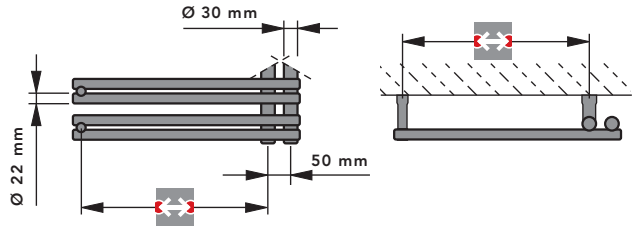
RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DWIEB0805A	DWIEF0805A	DWIES0805A
DWIEB1205A DWIEB1206A	DWIEF1205A DWIEF1206A	DWIES1205A DWIES1206A
DWIEB1806A	DWIEF1806A	DWIES1806A

Universal & Modern

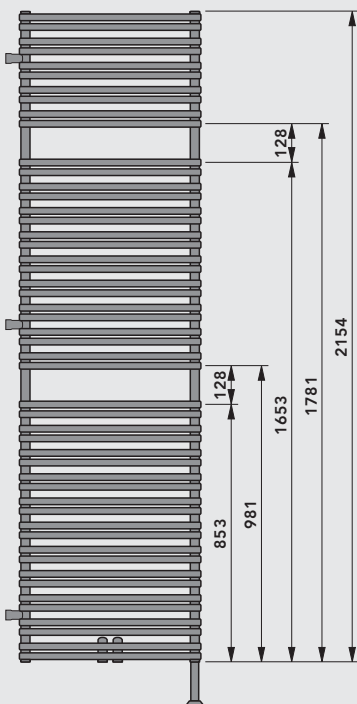
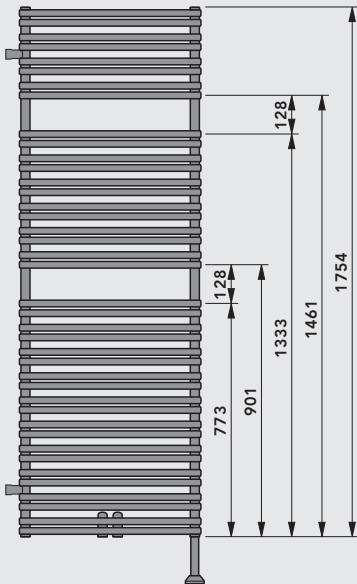
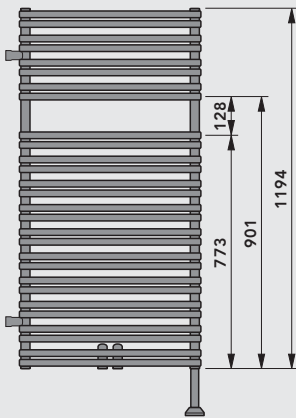


 **Overall depth (incl. wall clearance)**
 for an overall length of 500 97-109 mm
 for an overall length of 600 97-109 mm

 Overall length - 90 mm



Vertical dimensions [mm]

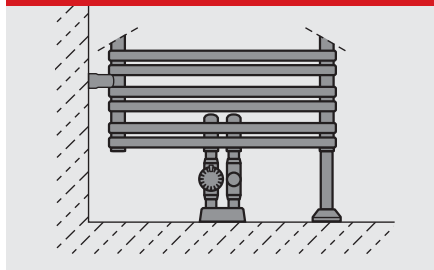


Technical data, product family

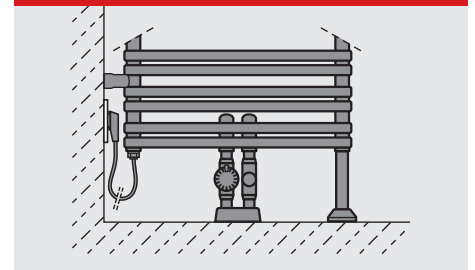
Nominal height (overall height)	Diagram scale M 1:50				Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	500	600	750	900				
1200 (1194)					500	885	1,265	600
					600	1061	1,251	600
					750	1326	1,229	600
					900	1590	1,208	900
1800 (1754)					500	1222	1,274	600
					600	1466	1,258	900
					750	1831	1,233	900
					900	2196	1,209	900
2200 (2154)					500	1445	1,330	900
					600	1724	1,330	900
					750	2145	1,330	900
					900	2560	1,330	900

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections
5 x internal thread G 1/2, and
1 x internal thread G 1/2;
blind sleeve for floor fastening
Connection modes see diagram



Test overpressure
13 bar



Maximum positive operating pressure
10 bar



Maximum operating temperature
110 °C

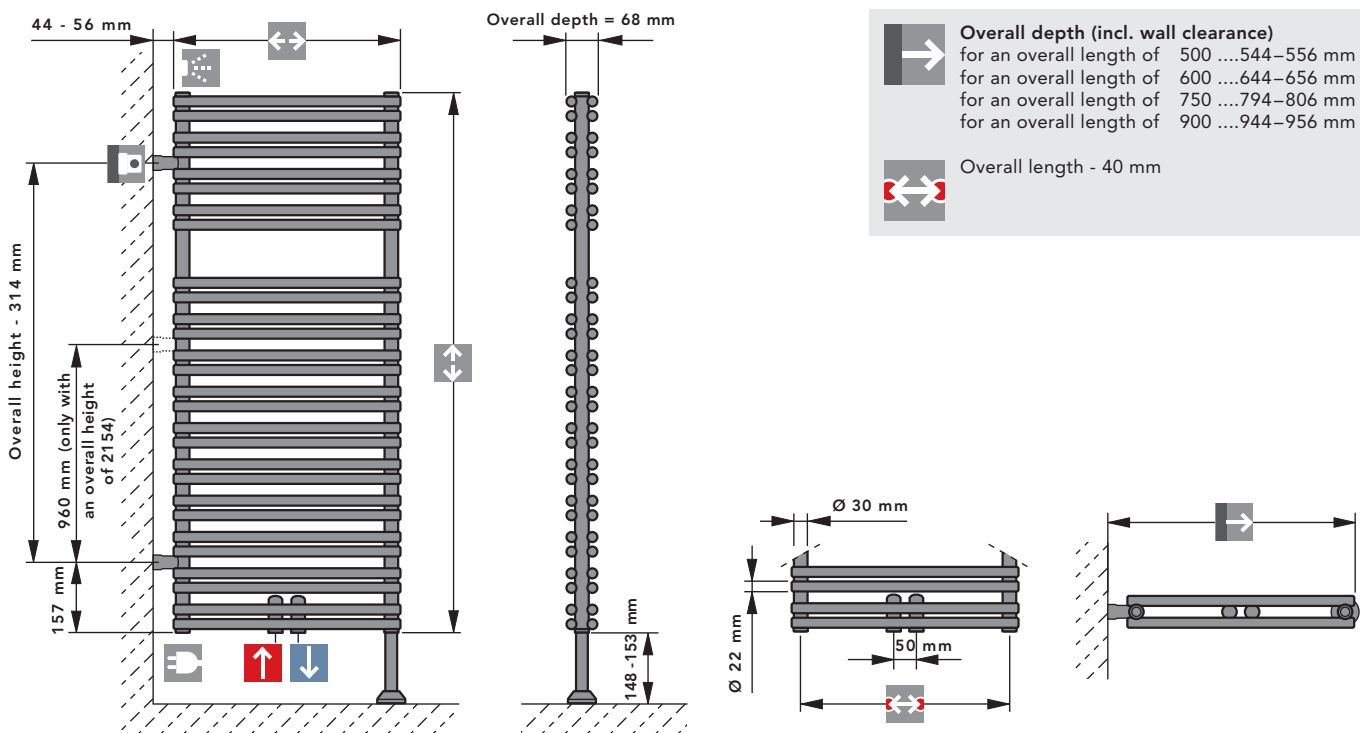
Accessory: PTC electric heating element
ARUN-T radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off. It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

Basic standard accessories (included):

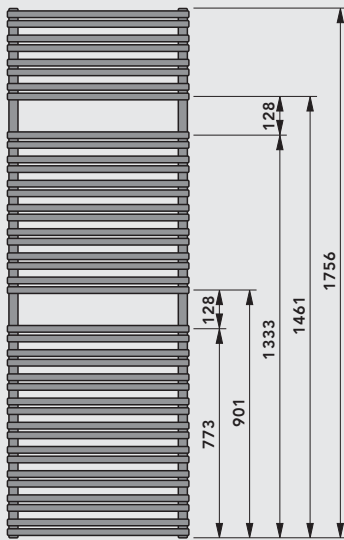
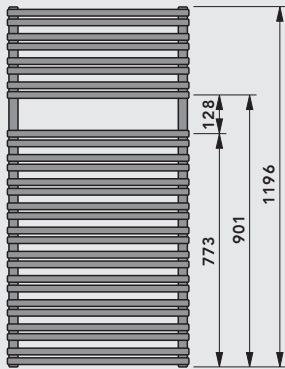
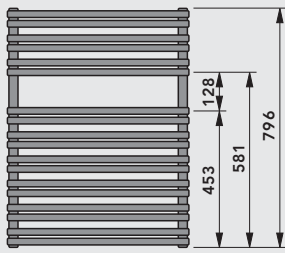
- a pivotable vent plug, G 1/2, and two dummy plugs, G 1/2, nickel-plated brass, self-sealing
- a wall and floor fastening set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DFTMB1205A	DFTMF1205A	DFTMS1205A
DFTMB1206A	DFTMF1206A	DFTMS1206A
DFTMB1207A	DFTMF1207A	DFTMS1207A
DFTMB1209A	DFTMF1209A	DFTMS1209A
DFTMB1805A	DFTMF1805A	DFTMS1805A
DFTMB1806A	DFTMF1806A	DFTMS1806A
DFTMB1807A	DFTMF1807A	DFTMS1807A
DFTMB1809A	DFTMF1809A	DFTMS1809A
DFTMB2205A	DFTMF2205A	DFTMS2205A
DFTMB2206A	DFTMF2206A	DFTMS2206A
DFTMB2207A	DFTMF2207A	DFTMS2207A
DFTMB2209A	DFTMF2209A	DFTMS2209A

(2) At 60 °C



Vertical dimensions [mm]

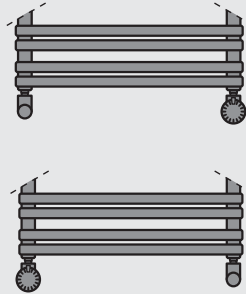


Technical data, product family

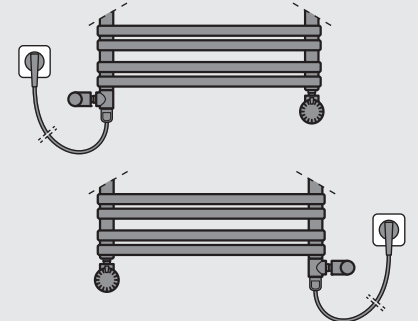
Nominal height (overall height)	Diagram scale M 1:50				Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	500	600	750	900				
800 (796)					500	413	1,191	300
					600	487	1,191	300
					750	596	1,191	300
					900	704	1,191	300
1200 (1196)					500	647	1,213	300
					600	751	1,213	600
					750	901	1,213	600
					900	1046	1,213	600
1800 (1756)					500	878	1,248	600
					600	1036	1,248	600
					750	1269	1,248	900
					900	1497	1,248	900

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections

2 x internal thread G 1/2, and
1 x internal thread G 1/4 (for vent plug)

Connection modes
see diagram



Test overpressure
13 bar

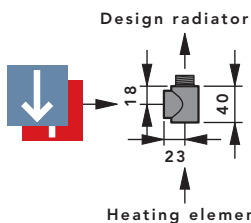


Maximum positive operating pressure
10 bar



Maximum operating temperature
110 °C

A special adapter (chrome-plated) should be used for the electric heating insert with the BAWA Design radiator!



Accessory: PTC electric heating element

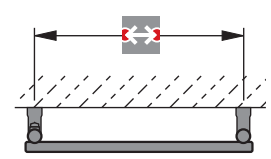
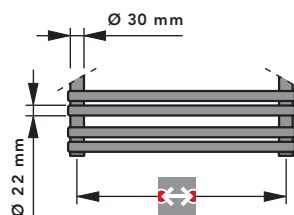
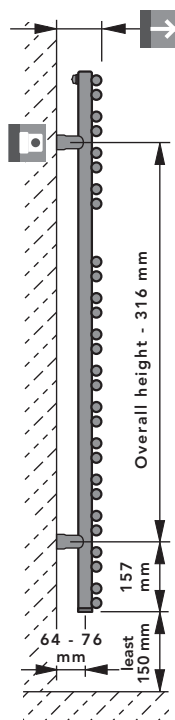
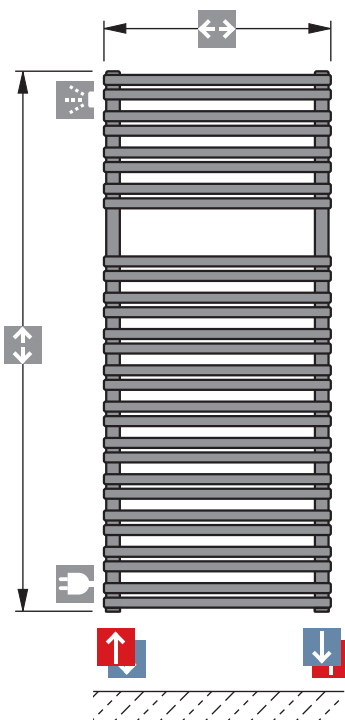
BAWA Design radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off. It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

Basic standard accessories (included):

- a pivotable vent plug, G 1/4, nickel-plated brass, self-sealing
- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DBENB0805A	DBENF0805A	DBENS0805A
DBENB0806A	DBENF0806A	DBENS0806A
DBENB0807A	DBENF0807A	DBENS0807A
DBENB0809A	DBENF0809A	DBENS0809A
DBENB1205A	DBENF1205A	DBENS1205A
DBENB1206A	DBENF1206A	DBENS1206A
DBENB1207A	DBENF1207A	DBENS1207A
DBENB1209A	DBENF1209A	DBENS1209A
DBENB1805A	DBENF1805A	DBENS1805A
DBENB1806A	DBENF1806A	DBENS1806A
DBENB1807A	DBENF1807A	DBENS1807A
DBENB1809A	DBENF1809A	DBENS1809A

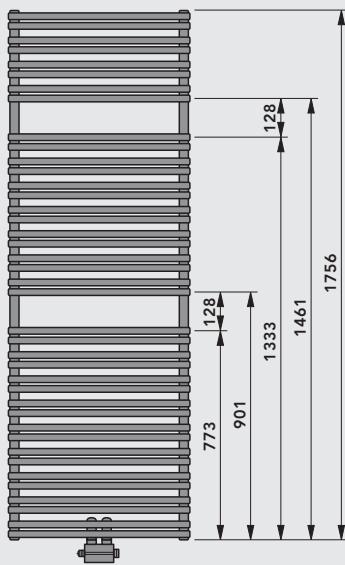
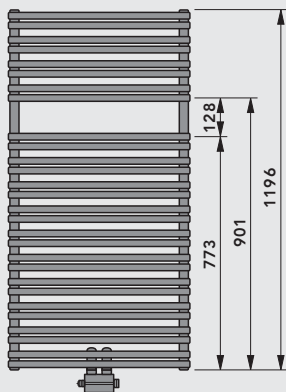
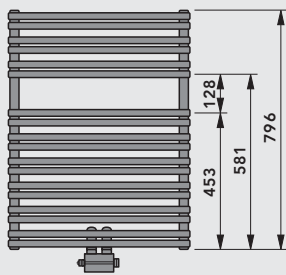
⁽²⁾ At 60 °C



Overall depth (incl. wall clearance)
 for an overall length of 500 97-109 mm
 for an overall length of 600 97-109 mm
 for an overall length of 750 97-109 mm
 for an overall length of 900 97-109 mm

Boss spacing
 Overall length - 40 mm

Vertical dimensions [mm]

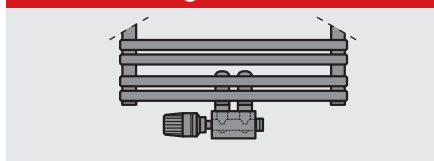


Technical data, product family

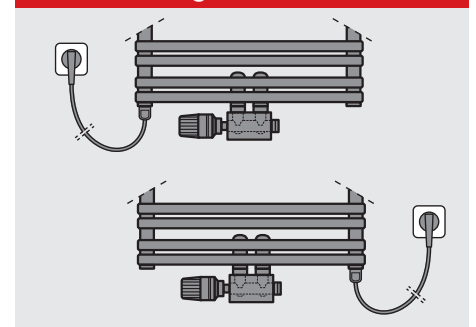
Nominal height (overall height)	Diagram scale M 1:50				Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	500	600	750	900				
800 (796)					500	413	1,191	300
					600	487	1,191	300
					750	596	1,191	300
					900	704	1,191	300
1200 (1196)					500	647	1,213	300
					600	751	1,213	600
					750	901	1,213	600
					900	1046	1,213	600
1800 (1756)					500	878	1,248	600
					600	1036	1,248	600
					750	1269	1,248	900
					900	1497	1,248	900

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections

2 x external thread G 3/4
(for valve connection set)
2 x internal thread G 1/2, and
1 x internal thread G 1/4 (for vent plug)
Connection modes see diagram



Test overpressure

13 bar



Maximum positive operating pressure

10 bar max.



Maximum operating temperature

110 °C

Accessory: PTC electric heating element

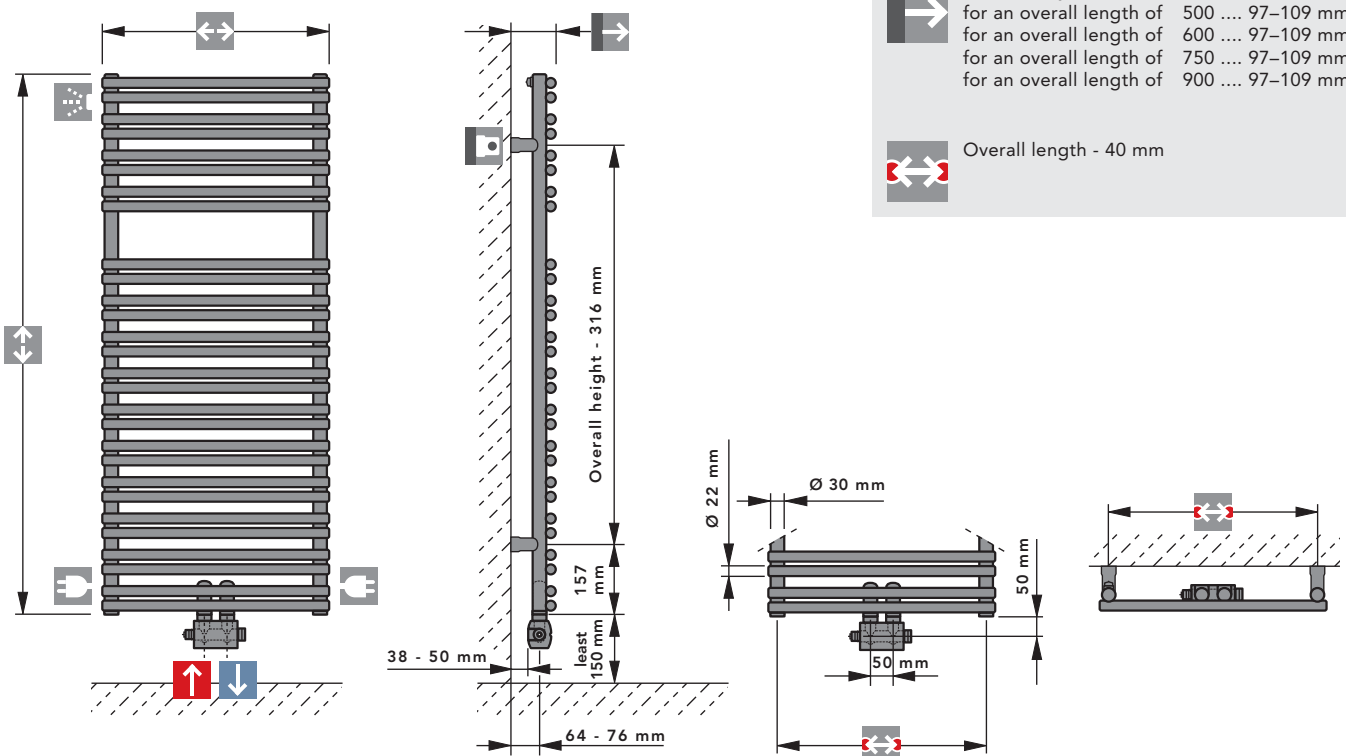
BAWA-VM radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off. It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

Basic standard accessories (included):

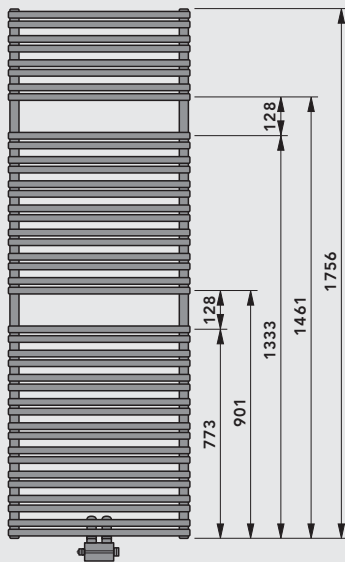
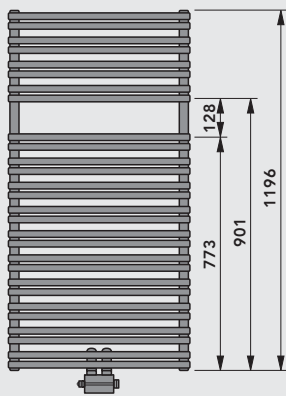
- a pivotable vent plug, G 1/4, and two dummy plugs, G 1/2, nickel-plated brass self-sealing, factory-sealed
- valve connection set in an angled two-pipe design
- covering rosette in matching radiator colour
- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DBEAB0805A	DBEAF0805A	DBEAS0805A
DBEAB0806A	DBEAF0806A	DBEAS0806A
DBEAB0807A	DBEAF0807A	DBEAS0807A
DBEAB0809A	DBEAF0809A	DBEAS0809A
DBEAB1205A	DBEAF1205A	DBEAS1205A
DBEAB1206A	DBEAF1206A	DBEAS1206A
DBEAB1207A	DBEAF1207A	DBEAS1207A
DBEAB1209A	DBEAF1209A	DBEAS1209A
DBEAB1805A	DBEAF1805A	DBEAS1805A
DBEAB1806A	DBEAF1806A	DBEAS1806A
DBEAB1807A	DBEAF1807A	DBEAS1807A
DBEAB1809A	DBEAF1809A	DBEAS1809A

⁽²⁾ At 60 °C



Vertical dimensions [mm]

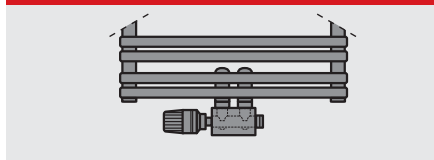


Technical data, product family

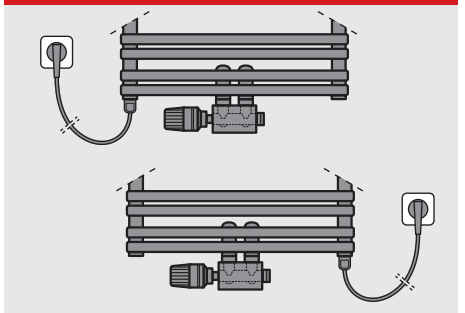
Nominal height (overall height)	Diagram scale M 1:50				Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	500	600	750	900				
1200 (1194)					500	885	1,265	600
					600	1061	1,251	600
					750	1326	1,229	600
					900	1590	1,208	900
1800 (1754)					500	1222	1,274	600
					600	1466	1,258	900
					750	1831	1,233	900
					900	2196	1,209	900

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections
2 x external thread G 3/4
(for valve connection set)
and 4 x internal thread G 1/2
Connection modes
see diagram



Test overpressure
13 bar



Maximum positive operating pressure
10 bar



Maximum operating temperature
110 °C

Accessory: PTC electric heating element

BAWA-T VM radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off.

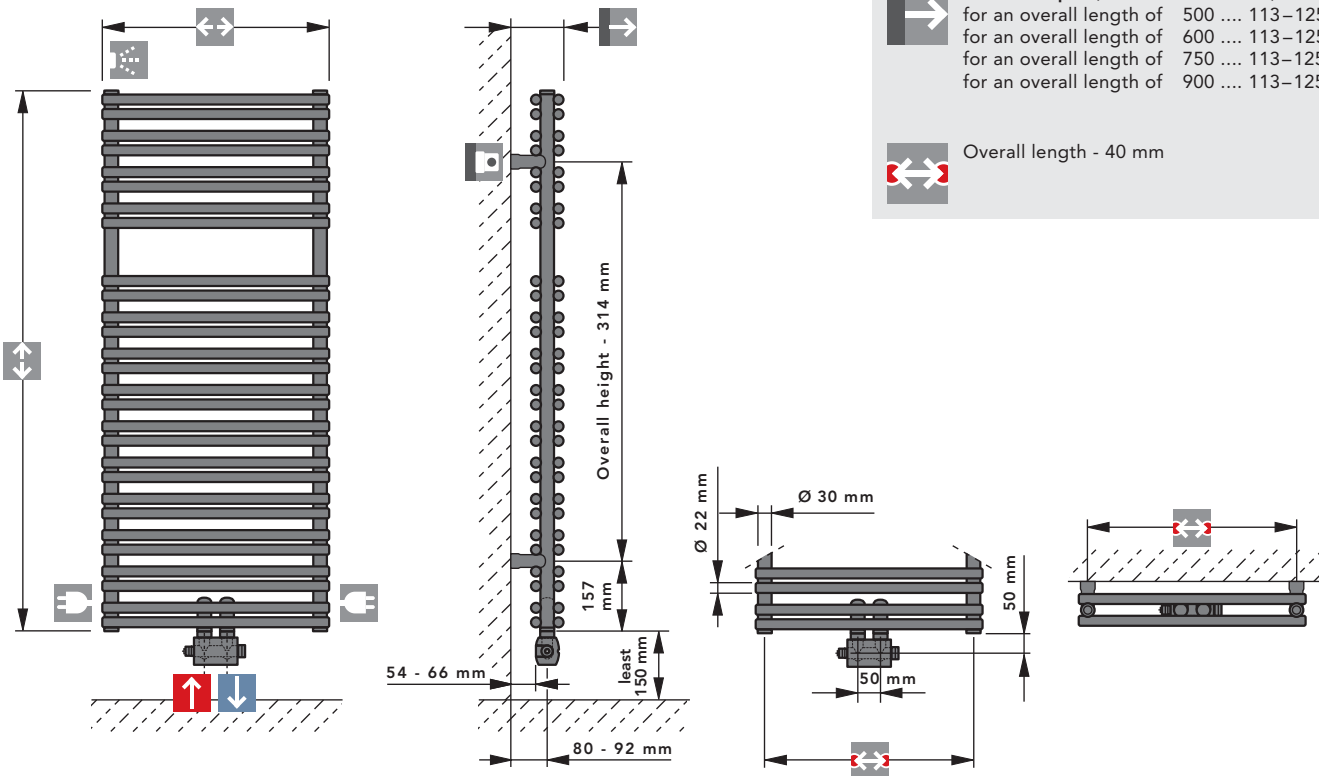
It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

Basic standard accessories (included):

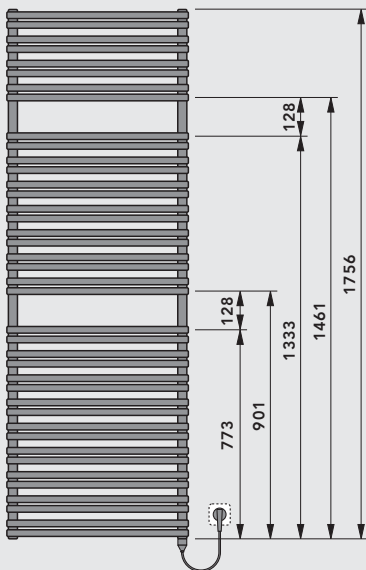
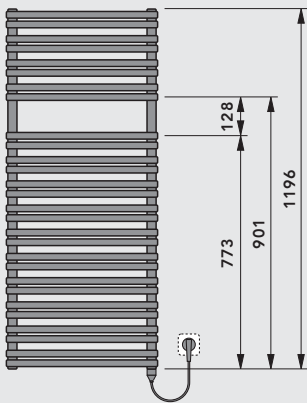
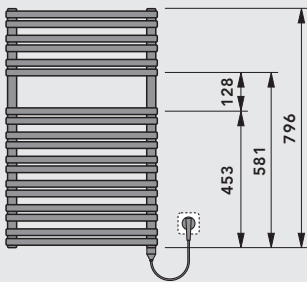
- a pivotable vent plug, G 1/2, and three dummy plugs, G 1/2, nickel-plated brass self-sealing, factory-sealed
- valve connection set in an angled two-pipe design
- covering rosette in matching radiator colour
- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DBTAB1205A	DBTAF1205A	DBTAS1205A
DBTAB1206A	DBTAF1206A	DBTAS1206A
DBTAB1207A	DBTAF1207A	DBTAS1207A
DBTAB1209A	DBTAF1209A	DBTAS1209A
DBTAB1805A	DBTAF1805A	DBTAS1805A
DBTAB1806A	DBTAF1806A	DBTAS1806A
DBTAB1807A	DBTAF1807A	DBTAS1807A
DBTAB1809A	DBTAF1809A	DBTAS1809A

⁽²⁾ At 60 °C



Vertical dimensions [mm]



Technical data, product family

Nominal height (overall height)	Diagram scale M 1:50		Overall length [mm]	Nominal power ⁽¹⁾ [Watts]	Nominal voltage [V]	Protection mode
	500	600				
800 (796)			500	300	AC 230	IP 24
1200 (1196)			500	400	AC 230	IP 24
			600	600	AC 230	IP 24
1800 (1756)			600	900	AC 230	IP 24

Description

With their built-in electric heating, the electric radiators of the BAWA-E family are elegant Design and bathroom radiators.

Self-regulation effect – the temperature-dependent PTC heating element automatically controls the temperature of the heat-transfer liquid by modifying its electrical resistance.

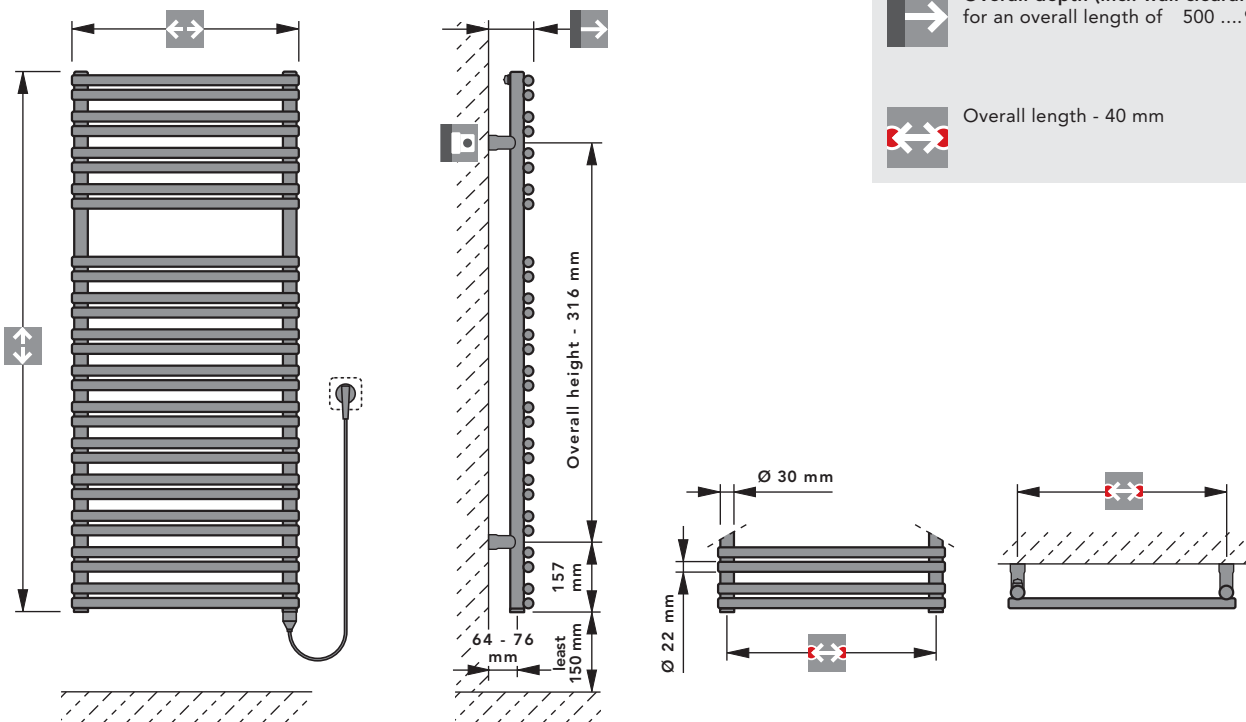
Basic standard accessories (included):

- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

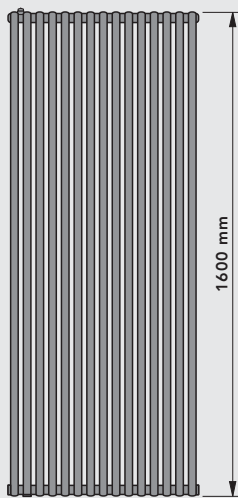
RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DBEEB0805A	DBEEF0805A	DBEES0805A
DBEEB1205A DBEEB1206A	DBEEF1205A DBEEF1206A	DBEES1205A DBEES1206A
DBEEB1806A	DBEEF1806A	DBEES1806A

Universal & Modern

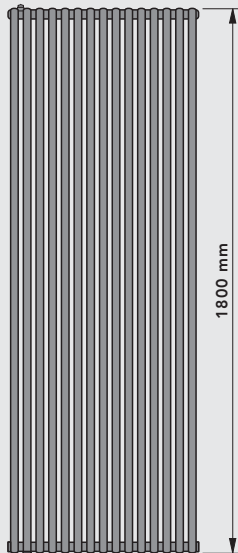
⁽¹⁾ At 60 °C



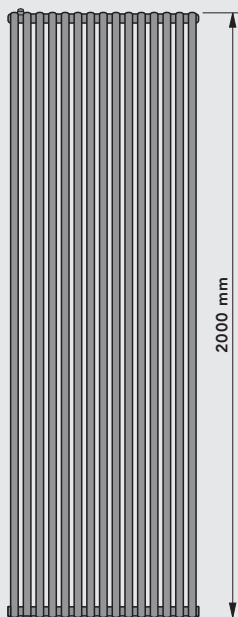
Vertical dimensions [mm]



1600 mm



1800 mm



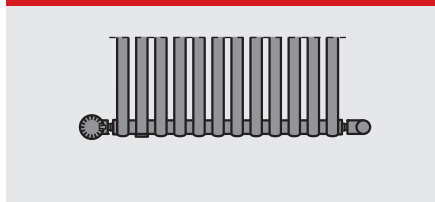
2000 mm

Technical data, product family

Nominal height (overall height)	Diagram scale M 1:50				Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	504	630	756	882				
1600 (1600)					504	950	1,290	600
					630	1183	1,289	600
					756	1416	1,287	600
					882	1648	1,286	900
1800 (1800)					504	1062	1,279	600
					630	1323	1,280	600
					756	1583	1,280	600
					882	1843	1,280	900
2000 (2000)					504	1170	1,269	600
					630	1458	1,271	600
					756	1745	1,273	900
					882	2031	1,275	900

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



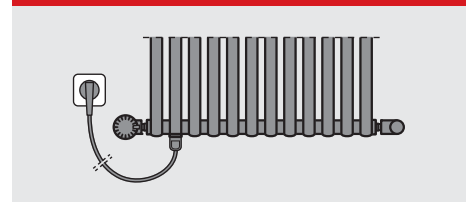
Connections
3 x internal thread G 1/2, and
3 x internal thread G 1/4,
(for vent and drain plugs)
Connection modes
see diagram

Test overpressure
13 bar

Maximum positive operating pressure
10 bar max.

Maximum operating temperature
110 °C

Connection example with electric heating element

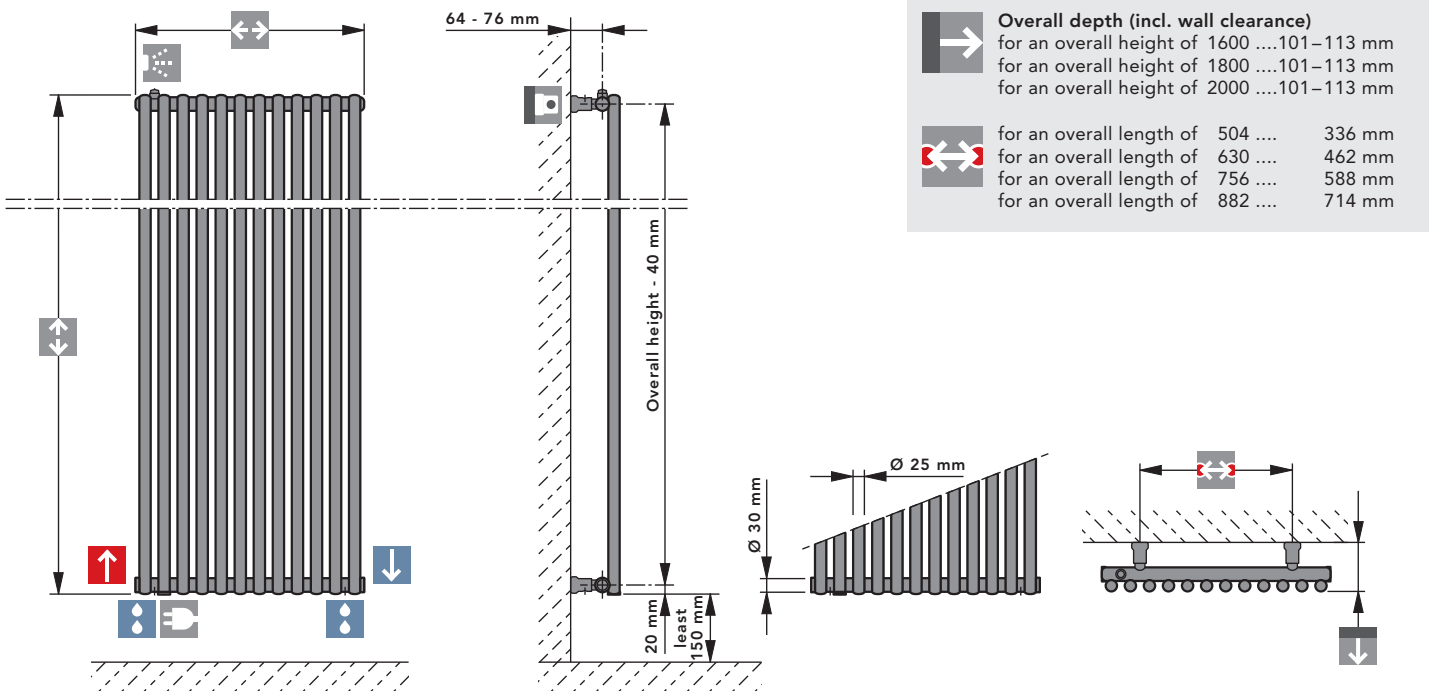


Accessory: PTC electric heating element
GURA radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off. It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

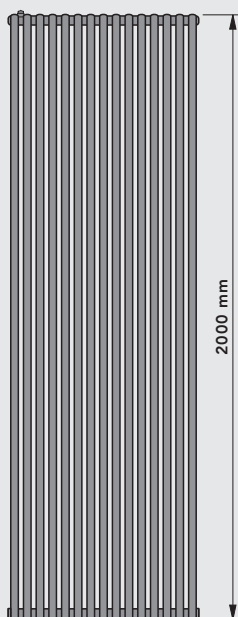
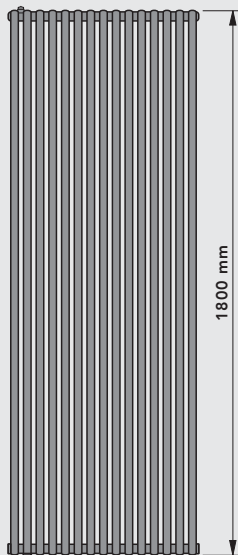
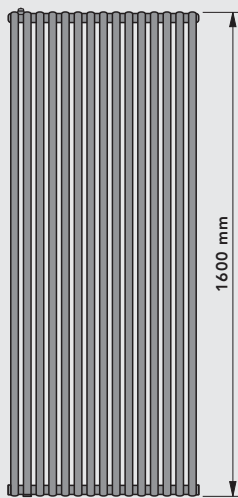
- Basic standard accessories (included):**
- a pivotable vent plug, G 1/4, and two dummy plugs, G 1/4, as well as a dummy plug, G 1/2, nickel-plated brass, self-sealing
 - a wall mounting set matching the radiator colour
 - fitting aid
 - instruction sheet

RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DAENB1605A	DAENF1605A	DAENS1605A
DAENB1606A	DAENF1606A	DAENS1606A
DAENB1607A	DAENF1607A	DAENS1607A
DAENB1609A	DAENF1609A	DAENS1609A
DAENB1805A	DAENF1805A	DAENS1805A
DAENB1806A	DAENF1806A	DAENS1806A
DAENB1807A	DAENF1807A	DAENS1807A
DAENB1809A	DAENF1809A	DAENS1809A
DAENB2005A	DAENF2005A	DAENS2005A
DAENB2006A	DAENF2006A	DAENS2006A
DAENB2007A	DAENF2007A	DAENS2007A
DAENB2009A	DAENF2009A	DAENS2009A

⁽²⁾ At 60 °C



Vertical dimensions [mm]

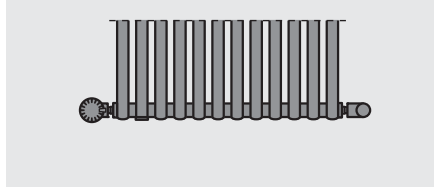


Technical data, product family

Nominal height (overall height)	Diagram scale M 1:50				Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	504	630	756	882				
1600 (1600)					504	1476	1,334	600
					630	1828	1,339	900
					756	2176	1,343	900
					882	2522	1,348	900
1800 (1800)					504	1607	1,338	600
					630	1990	1,347	900
					756	2369	1,355	900
					882	2746	1,364	900
2000 (2000)					504	1726	1,341	900
					630	2136	1,354	900
					756	2543	1,368	900
					882	2948	1,381	900

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



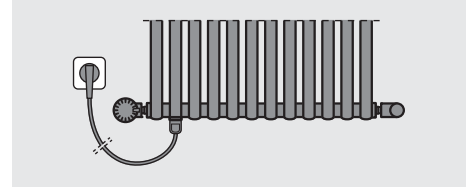
Connections
3 x internal thread G 1/2, and
3 x internal thread G 1/4,
(for vent and drain plugs)
Connection modes
see diagram

Test overpressure
13 bar

Maximum positive operating pressure
10 bar max.

Maximum operating temperature
110 °C

Connection example with electric heating element



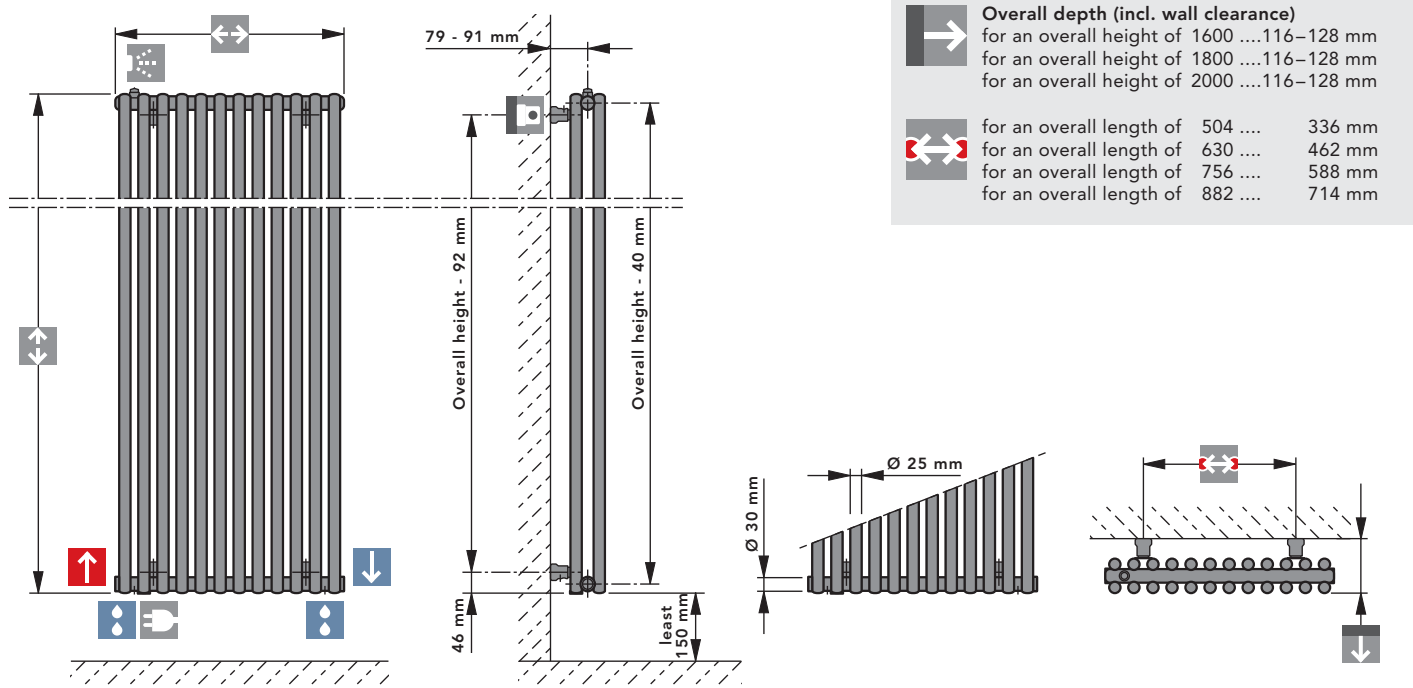
Accessory: PTC electric heating element
GURA radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off. It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

Basic standard accessories (included):

- a pivotable vent plug, G 1/4, and two dummy plugs, G 1/4, as well as a dummy plug, G 1/2, nickel-plated brass, self-sealing
- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DATNB1605A	DATNF1605A	DATNS1605A
DATNB1606A	DATNF1606A	DATNS1606A
DATNB1607A	DATNF1607A	DATNS1607A
DATNB1609A	DATNF1609A	DATNS1609A
DATNB1805A	DATNF1805A	DATNS1805A
DATNB1806A	DATNF1806A	DATNS1806A
DATNB1807A	DATNF1807A	DATNS1807A
DATNB1809A	DATNF1809A	DATNS1809A
DATNB2005A	DATNF2005A	DATNS2005A
DATNB2006A	DATNF2006A	DATNS2006A
DATNB2007A	DATNF2007A	DATNS2007A
DATNB2009A	DATNF2009A	DATNS2009A

⁽²⁾ At 60 °C





Country House & New Country.

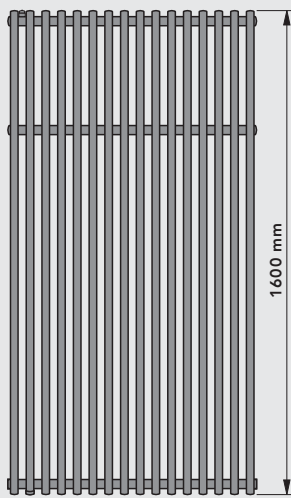


Country House & New Country

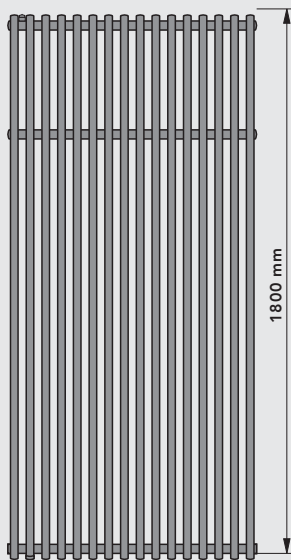
Source: ALNO Küchen

The Country House & New Country style has rediscovered cosiness and comfort to bring a new kind of warmth into your house. Homeliness and all its benefits are given top priority, expressing a trend away from an architecture of cold functionality. There is love in every single detail here, combining the highest-quality materials with playful decors to produce stylish Design radiators.

Vertical dimensions [mm]



1600 mm

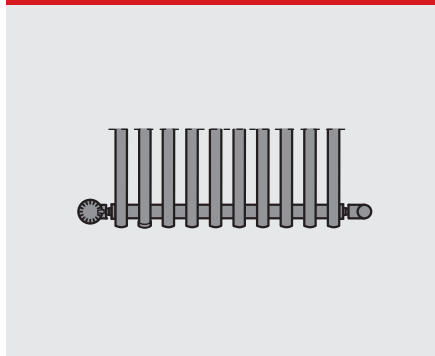


1800 mm

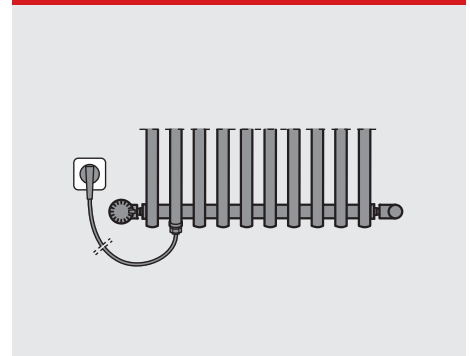
Technical data, product family

Nominal height (overall height)	Diagram scale M 1:50				Overall length [mm]	Heat output ^(*) in Watts 75/65/20 °C
	[mm]	510	822	1030			1238
1600 (1600)					510	850
					822	1359
					1030	1699
1800 (1800)					510	948
					822	1516
					1030	1895
					1238	2274

Connection example without electric heating element



Connection example with electric heating element



Connections
3 x internal thread G 1/2, and
3 x internal thread G 1/4,
(for vent and drain plugs)
Connection modes
see diagram



Test overpressure
13 bar



Maximum positive operating pressure
10 bar



Maximum operating temperature
110 °C

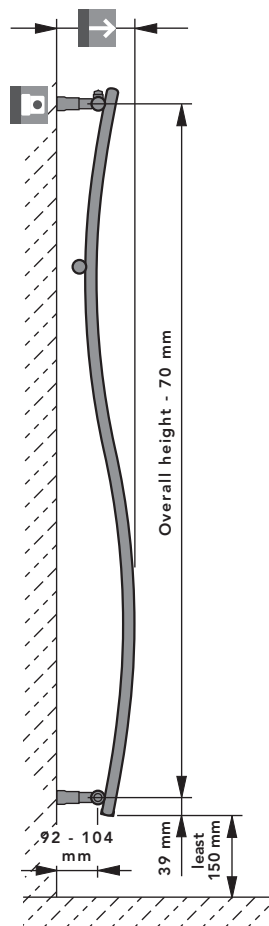
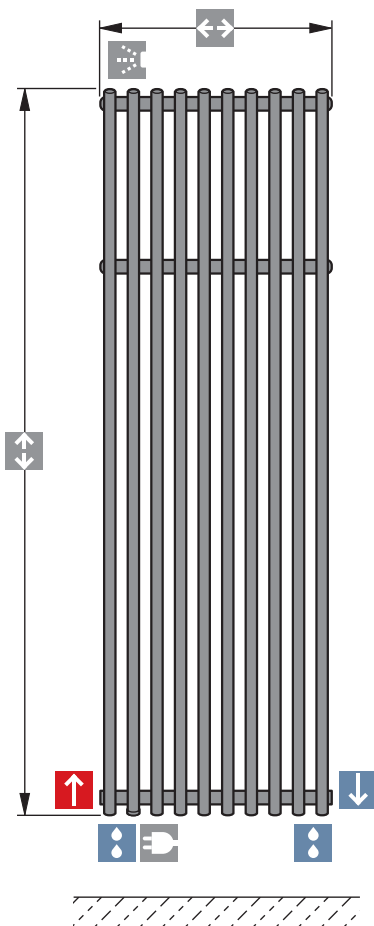
Accessory: PTC electric heating element
VELINO radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off.

Basic standard accessories (included):

- a pivotable vent plug, G 1/4, and two dummy plugs, G 1/4, as well as a dummy plug, G 1/2, nickel-plated brass, self-sealing
- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

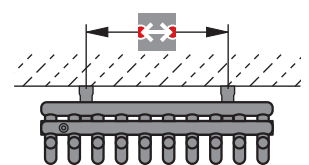
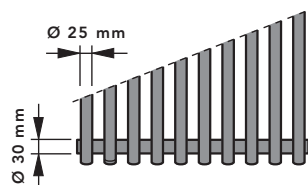
Radiator exponent n	E-heating element power ⁽²⁾ [Watts]	RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
		Item no.	Item no.	Item no.
1,273	615	DRMNB1605A	DRMNF1605A	DRMNS1605A
1,273	615	DRMNB1608A	DRMNF1608A	DRMNS1608A
1,273	615	DRMNB1610A	DRMNF1610A	DRMNS1610A
1,274	615	DRMNB1805A	DRMNF1805A	DRMNS1805A
1,274	615	DRMNB1808A	DRMNF1808A	DRMNS1808A
1,274	615	DRMNB1810A	DRMNF1810A	DRMNS1810A
1,274	615	DRMNB1812A	DRMNF1812A	DRMNS1812A

⁽¹⁾ Tested in accordance with ÖNORM EN 442

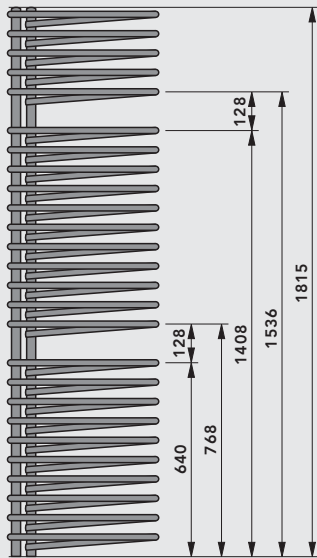
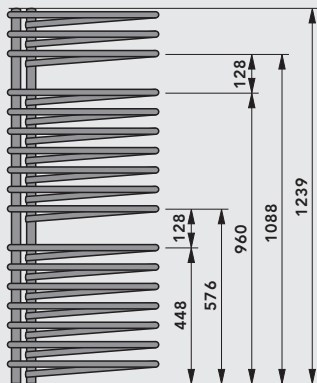


➔ Overall depth (incl. wall clearance)
for an overall height of 1600169-181 mm

↔ for an overall length of 510 312 mm
for an overall length of 822 624 mm
for an overall length of 1030 832 mm
for an overall length of 1238 1040 mm



Vertical dimensions [mm]

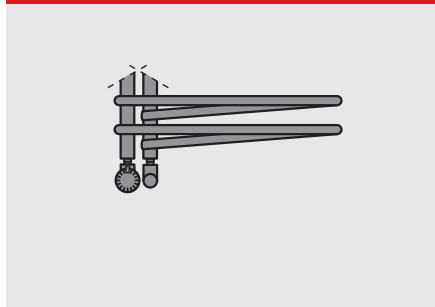


Technical data, product family

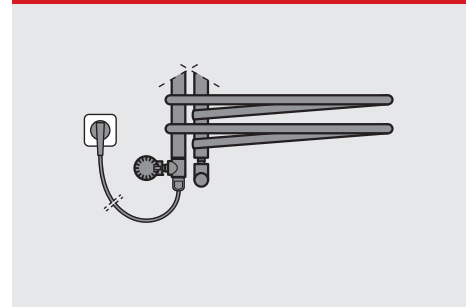
Nominal height (overall height)	Diagram scale M 1:50		Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	500	605				
1200 (1239)			500	744	1,207	300
			605	909	1,207	600
1800 (1815)			500	1103	1,214	600
			605	1348	1,214	600

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections
2 x internal thread G 1/2, and
1 x internal thread G 1/4, (for vent plug)
Connection modes
see diagram



Test overpressure
13 bar



Maximum positive operating pressure
10 bar



Maximum operating temperature
110 °C

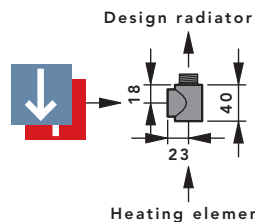
Accessory: PTC electric heating element

LOKOLO radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off. It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

A **special adapter** (chrome-plated) should be used for the electric heating insert with the LOKOLO Design radiator!

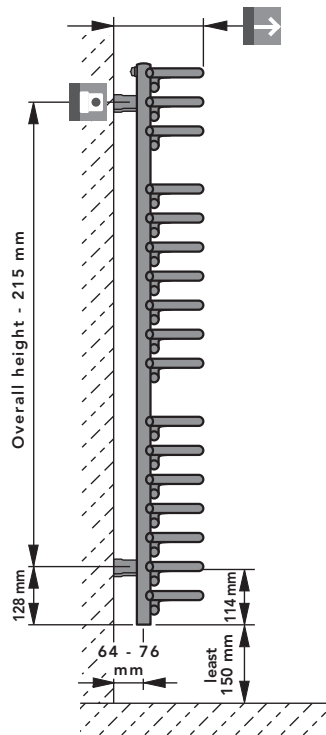
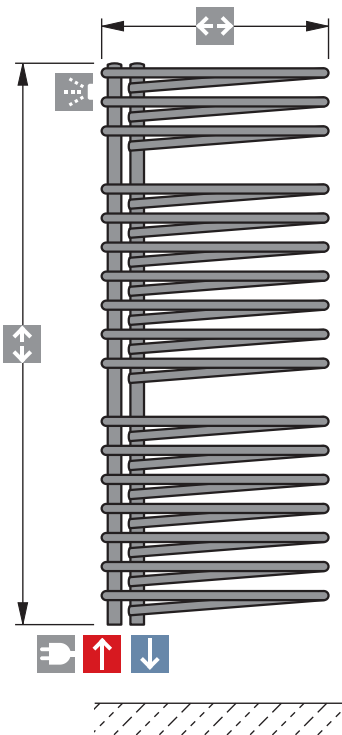
Basic standard accessories (included):

- a pivotable vent plug, G 1/4, nickel-plated brass, self-sealing
- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet



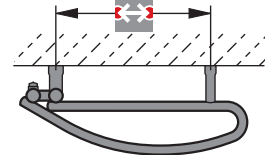
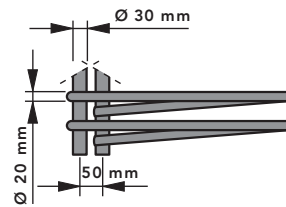
RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DMANB1205A DMANB1206A	DMANF1205A DMANF1206A	DMANS1205A DMANS1206A
DMANB1805A DMANB1806A	DMANF1805A DMANF1806A	DMANS1805A DMANS1806A

⁽²⁾ At 60 °C

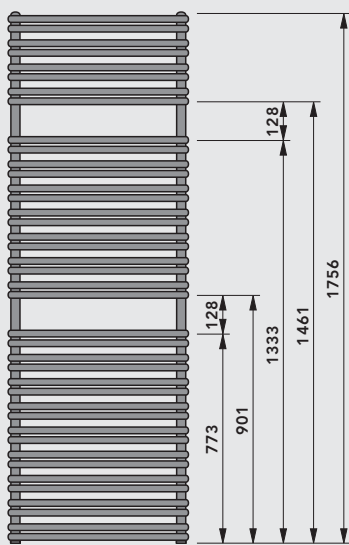
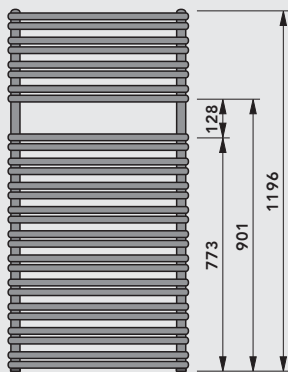
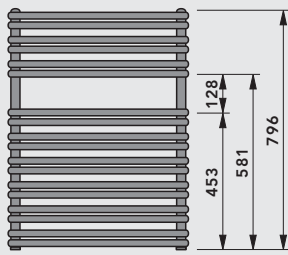


➔ Overall depth (incl. wall clearance)
for an overall length of 500195–207 mm
for an overall length of 605210–222 mm

↔ for an overall length of 500 337 mm
for an overall length of 605 443 mm



Vertical dimensions [mm]

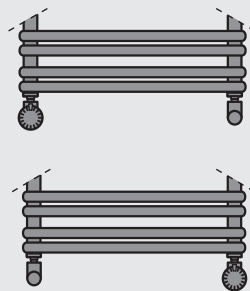


Technical data, product family

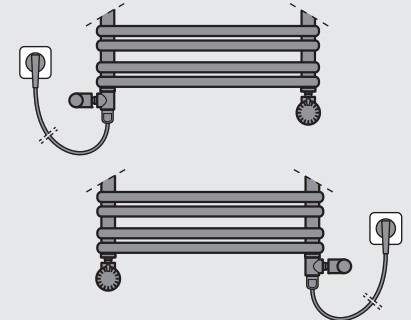
Nominal height (overall height)	Diagram scale M 1:50				Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	498	596	742	887				
800 (796)					498	440	1,169	300
					596	528	1,167	300
					742	659	1,165	300
					887	790	1,162	600
1200 (1196)					498	649	1,211	300
					596	778	1,191	600
					742	972	1,162	600
					887	1165	1,133	600
1800 (1756)					498	920	1,221	600
					596	1103	1,197	600
					742	1378	1,161	900
					887	1651	1,124	900

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections

2 x internal thread G 1/2, and
1 x internal thread G 1/4 (for vent plug)

Connection modes

see diagram



Test overpressure

13 bar



Maximum positive operating pressure

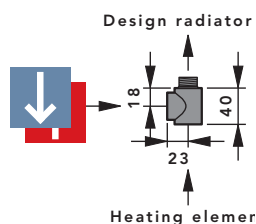
10 bar



Maximum operating temperature

110 °C

A special adapter (chrome-plated) should be used for the electric heating insert with the CAVALLY Design radiator!



Accessory: PTC electric heating element

CAVALLY radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off.

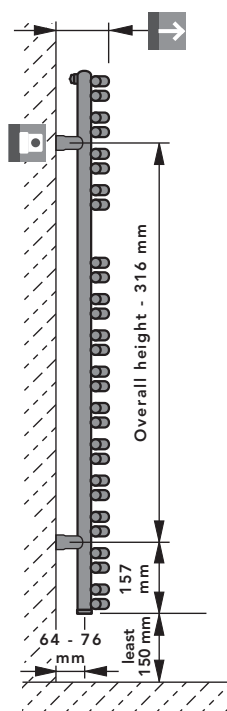
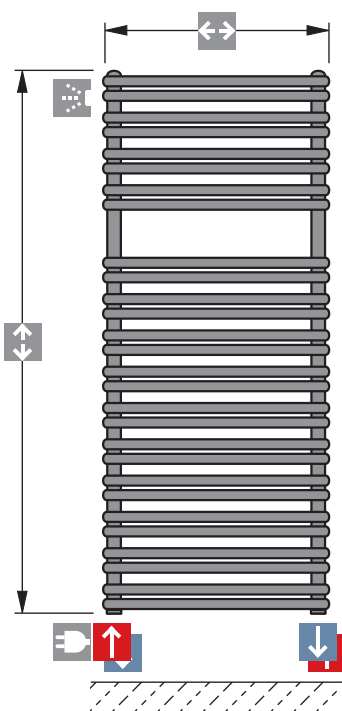
It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

Basic standard accessories (included):

- a pivotable vent plug, G 1/4, nickel-plated brass, self-sealing
- wall fastening set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DGRNB0805A	DGRNF0805A	DGRNS0805A
DGRNB0806A	DGRNF0806A	DGRNS0806A
DGRNB0807A	DGRNF0807A	DGRNS0807A
DGRNB0809A	DGRNF0809A	DGRNS0809A
DGRNB1205A	DGRNF1205A	DGRNS1205A
DGRNB1206A	DGRNF1206A	DGRNS1206A
DGRNB1207A	DGRNF1207A	DGRNS1207A
DGRNB1209A	DGRNF1209A	DGRNS1209A
DGRNB1805A	DGRNF1805A	DGRNS1805A
DGRNB1806A	DGRNF1806A	DGRNS1806A
DGRNB1807A	DGRNF1807A	DGRNS1807A
DGRNB1809A	DGRNF1809A	DGRNS1809A

⁽²⁾ At 60 °C

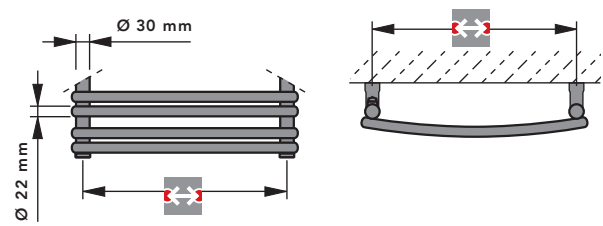


Overall depth (incl. wall clearance)

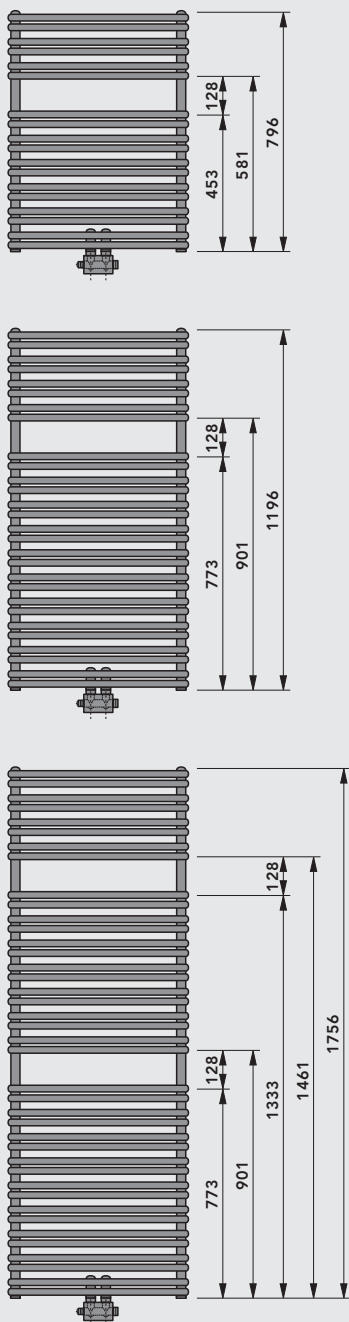
for an overall length of 498	....	119–131 mm
for an overall length of 596	....	128–140 mm
for an overall length of 742	....	146–158 mm
for an overall length of 887	....	164–176 mm

Boss spacing

for an overall length of 498	....	451 mm
for an overall length of 596	....	548 mm
for an overall length of 742	....	691 mm
for an overall length of 887	....	835 mm



Vertical dimensions [mm]

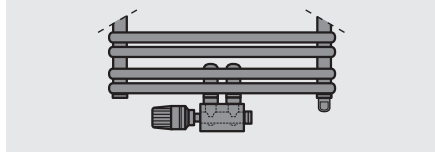


Technical data, product family

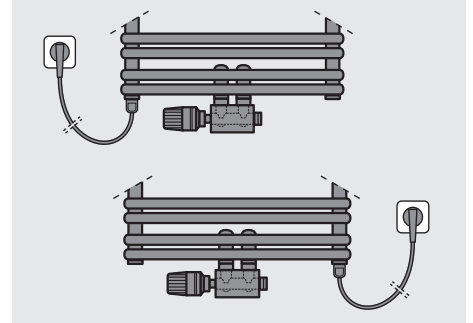
Nominal height (overall height)	Diagram scale M 1:50				Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]
	498	596	742	887				
800 (796)					498	440	1,169	300
					596	528	1,167	300
					742	659	1,165	300
					887	790	1,162	600
1200 (1196)					498	649	1,211	300
					596	778	1,191	600
					742	972	1,162	600
					887	1165	1,133	600
1800 (1756)					498	920	1,221	600
					596	1103	1,197	600
					742	1378	1,161	900
					887	1651	1,124	900

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections

2 x external thread G 3/4 (for valve connection set), 2 x internal thread G 1/2, and 1 x internal thread G 1/4 (for vent plug)
Connection modes see diagram



Test overpressure

13 bar



Maximum positive operating pressure

10 bar



Maximum operating temperature

110 °C

Accessory: PTC electric heating element

CAVALLY-VM radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off.

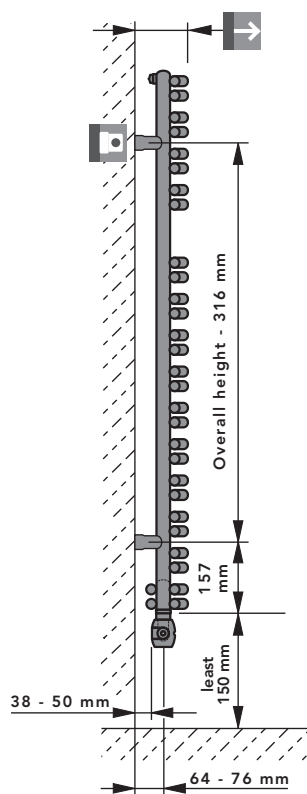
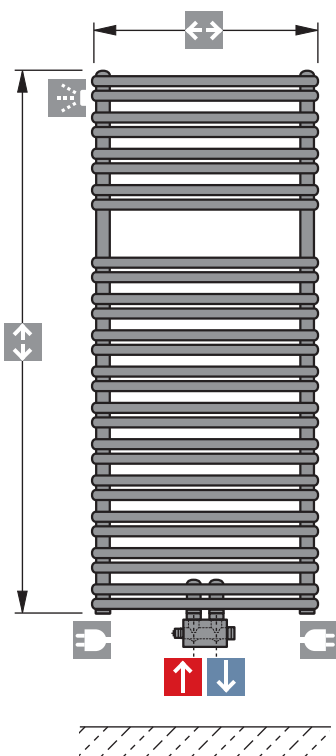
It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

Basic standard accessories (included):

- a pivotable vent plug, G 1/4, and two dummy plugs, G 1/2, nickel-plated brass, self-sealing, factory-sealed
- a valve connection set with angled two-pipe design
- covering rosette in matching radiator colour
- wall fastening set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White	Various RAL and metallic colours	Sanitary ware colours
Item no.	Item no.	Item no.
DGRAB0805A	DGRAF0805A	DGRAS0805A
DGRAB0806A	DGRAF0806A	DGRAS0806A
DGRAB0807A	DGRAF0807A	DGRAS0807A
DGRAB0809A	DGRAF0809A	DGRAS0809A
DGRAB1205A	DGRAF1205A	DGRAS1205A
DGRAB1206A	DGRAF1206A	DGRAS1206A
DGRAB1207A	DGRAF1207A	DGRAS1207A
DGRAB1209A	DGRAF1209A	DGRAS1209A
DGRAB1805A	DGRAF1805A	DGRAS1805A
DGRAB1806A	DGRAF1806A	DGRAS1806A
DGRAB1807A	DGRAF1807A	DGRAS1807A
DGRAB1809A	DGRAF1809A	DGRAS1809A

⁽²⁾ At 60 °C



Overall depth (incl. wall clearance)

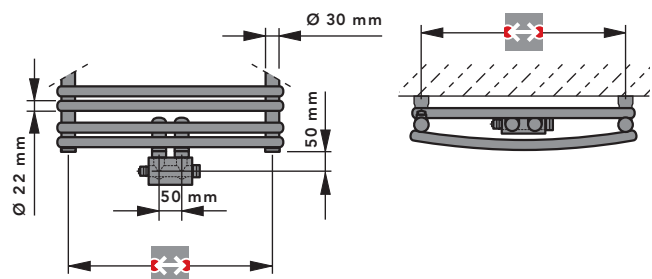
- for an overall length of 498 119-131 mm
- for an overall length of 596 128-140 mm
- for an overall length of 742 146-158 mm
- for an overall length of 887 164-176 mm

↔ for an overall length of 498 451 mm

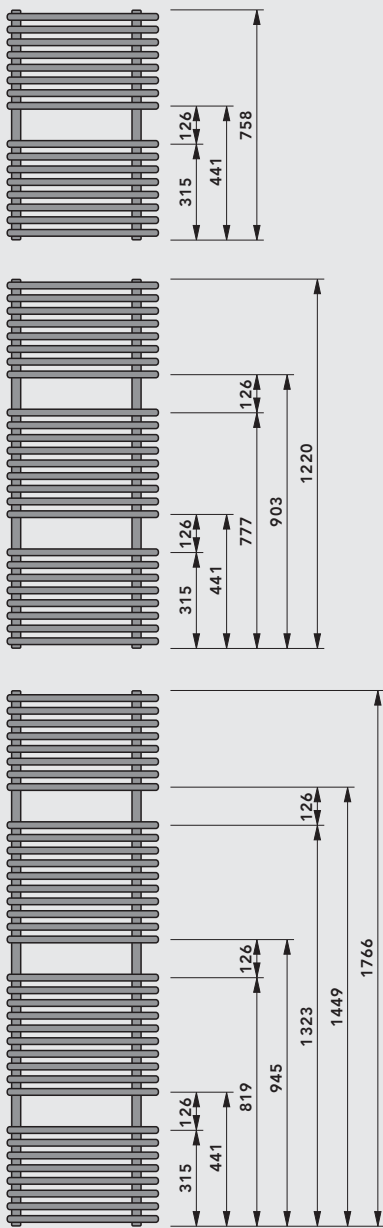
↔ for an overall length of 596 548 mm

↔ for an overall length of 742 691 mm

↔ for an overall length of 887 835 mm



Vertical dimensions [mm]

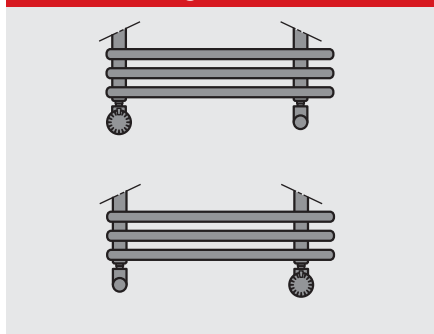


Technical data, product family

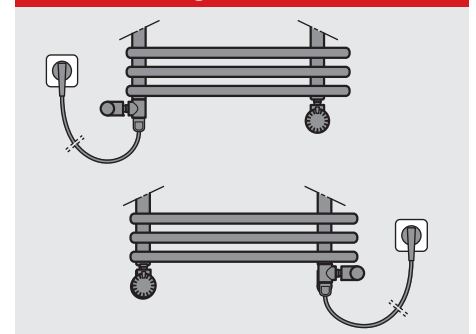
Nominal height (overall height)	Diagram scale M 1:50				Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating ele- ment power ⁽²⁾ [Watts]	
	500	600	750	900				A	B
800 (758)					500	405	1,204	300	-
					600	474	1,204	300	300
					750	574	1,204	300	300
					900	671	1,204	300	300
1200 (1220)					500	620	1,219	300	300
					600	724	1,219	600	300
					750	877	1,219	600	300
					900	1025	1,219	600	600
1800 (1766)					500	870	1,235	600	300
					600	1021	1,235	600	600
					750	1241	1,235	900	600
					900	1456	1,235	900	900

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections

2 x internal thread G 1/2, and
1 x internal thread G 1/4 (for vent plug)

Connection modes

see diagram



Test overpressure

13 bar



Maximum positive operating pressure

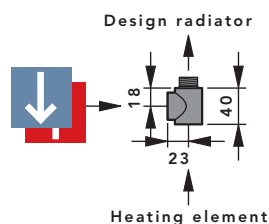
10 bar



Maximum operating temperature

110 °C

A special adapter (chrome-plated) should be used for the electric heating insert with the FULDA Design radiator!



Accessory: PTC electric heating element

FULDA radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off.

It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

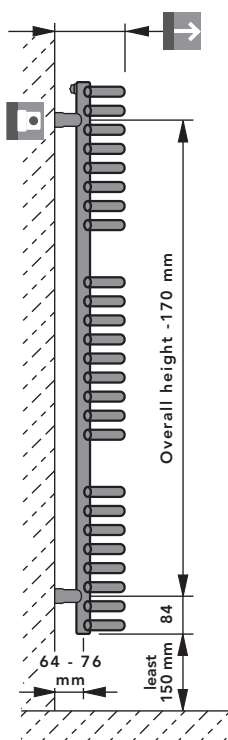
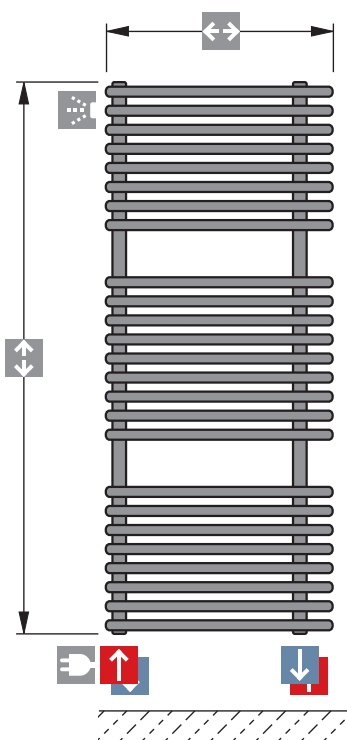
Basic standard accessories (included):

- a pivotable vent plug, G 1/4, nickel-plated brass, self-sealing
- wall fastening set matching the radiator colour
- fitting aid
- instruction sheet

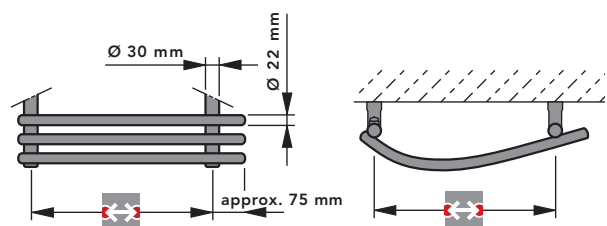
RAL 9016 Traffic White (See E-heating element output category A)	Various RAL and metallic colours (See E-heating element output category A)	Sanitary ware Colours (See E-heating element output category A)	Chrome-plated ⁽³⁾ (See E-heating element output category B)	Gold-plated ⁽³⁾ (See E-heating element output category B)
Item no.	Item no.	Item no.	Item no.	Item no.
DGENB0805A	DGENF0805A	DGENS0805A	DGENC0805A	DGENM0805A
DGENB0806A	DGENF0806A	DGENS0806A	DGENC0806A	DGENM0806A
DGENB0807A	DGENF0807A	DGENS0807A	DGENC0807A	DGENM0807A
DGENB0809A	DGENF0809A	DGENS0809A		
DGENB1205A	DGENF1205A	DGENS1205A	DGENC1205A	DGENM1205A
DGENB1206A	DGENF1206A	DGENS1206A	DGENC1206A	DGENM1206A
DGENB1207A	DGENF1207A	DGENS1207A	DGENC1207A	DGENM1207A
DGENB1209A	DGENF1209A	DGENS1209A		
DGENB1805A	DGENF1805A	DGENS1805A	DGENC1805A	DGENM1805A
DGENB1806A	DGENF1806A	DGENS1806A	DGENC1806A	DGENM1806A
DGENB1807A	DGENF1807A	DGENS1807A	DGENC1807A	DGENM1807A
DGENB1809A	DGENF1809A	DGENS1809A		

⁽²⁾ At 60 °C

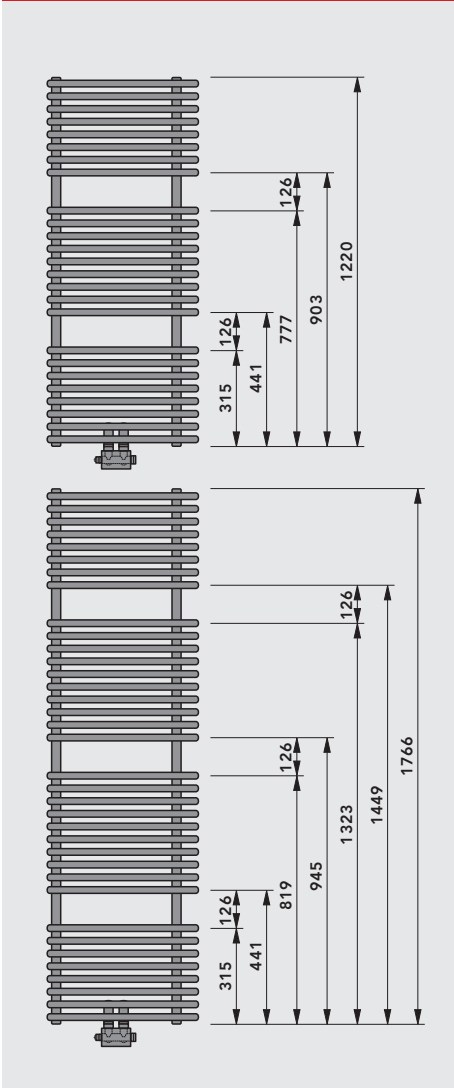
⁽³⁾ Available to a maximum overall length of 750 mm



➔	Overall depth (incl. wall clearance)	for an overall length of 500 146–158 mm
		for an overall length of 600 155–167 mm
		for an overall length of 750 171–183 mm
		for an overall length of 900 180–192 mm
↔	Boss spacing	for an overall length of 500 400 mm
		for an overall length of 600 495 mm
		for an overall length of 750 645 mm
		for an overall length of 900 795 mm



Vertical dimensions [mm]

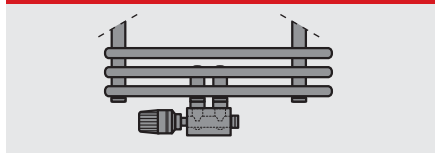


Technical data, product family

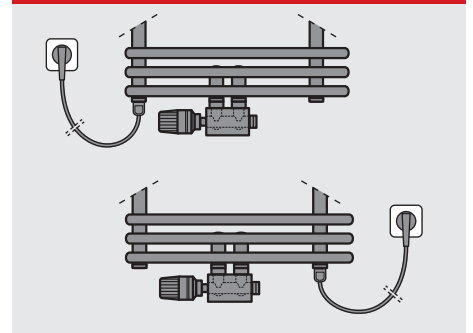
Nominal height (overall height)	Diagram scale M 1:50			Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating ele- ment power ⁽²⁾ [Watts]	
	500	600	750				A	B
1200 (1220)				500	620	1,219	300	300
				600	724	1,219	600	300
				750	877	1,219	600	300
1800 (1766)				500	870	1,235	600	300
				600	1021	1,235	600	600
				750	1241	1,235	900	600

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections

2 x external thread G 3/4 (valve connection set) 2 x internal thread G 1/2, and 1 x internal thread G 1/4 (for vent plug)

Connection modes see diagram



Test overpressure

13 bar



Maximum positive operating pressure

10 bar



Maximum operating temperature

110 °C

Accessory: PTC electric heating element

FULDA-VM radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off.

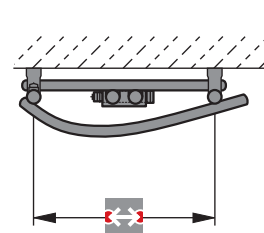
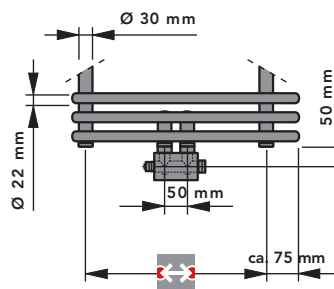
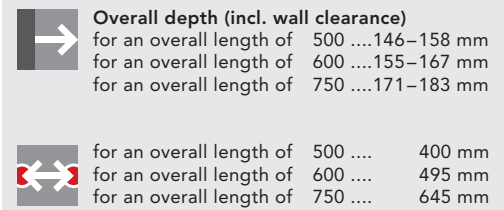
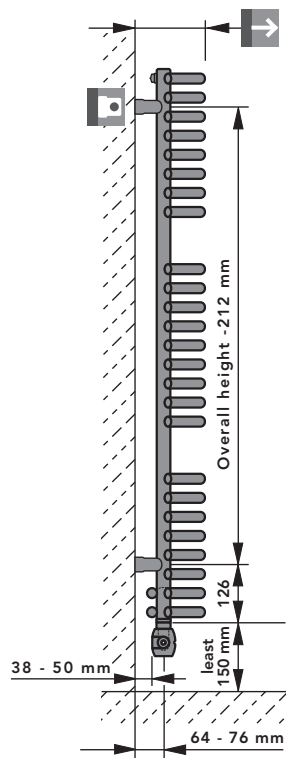
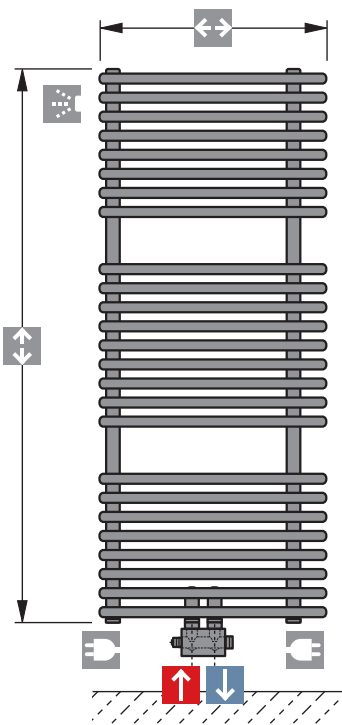
It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

Basic standard accessories (included):

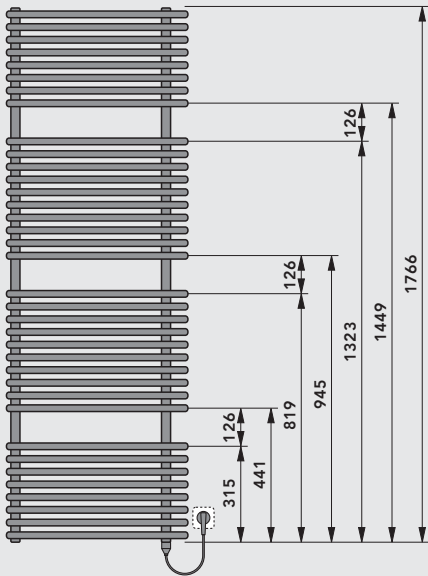
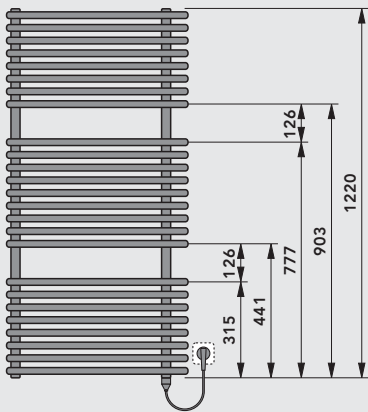
- a pivotable vent plug, G 1/4, and two dummy plugs, G 1/2, nickel-plated brass, self-sealing, factory-sealed
- a valve connection set with angled two-pipe design
- covering rosette in matching radiator colour
- wall fastening set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White (See E-heating element output category A)	Various RAL and metallic colours (See E-heating element output category A)	Sanitary ware Colours (See E-heating element output category A)	Chrome-plated (See E-heating element output category B)	Gold-plated (See E-heating element output category B)
Item no.	Item no.	Item no.	Item no.	Item no.
DGEAB1205A	DGEAF1205A	DGEAS1205A	DGEAC1205A	DGEAM1205A
DGEAB1206A	DGEAF1206A	DGEAS1206A	DGEAC1206A	DGEAM1206A
DGEAB1207A	DGEAF1207A	DGEAS1207A	DGEAC1207A	DGEAM1207A
DGEAB1805A	DGEAF1805A	DGEAS1805A	DGEAC1805A	DGEAM1805A
DGEAB1806A	DGEAF1806A	DGEAS1806A	DGEAC1806A	DGEAM1806A
DGEAB1807A	DGEAF1807A	DGEAS1807A	DGEAC1807A	DGEAM1807A

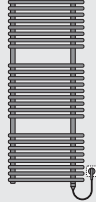


⁽²⁾ At 60 °C



Vertical dimensions [mm]



Technical data, product family

Nominal height (overall height)	Diagram scale M 1:50		Overall length [mm]	Nomination power ⁽¹⁾ [Watts]		Nomination voltage [V]	Protection mode
	500	600		A	B		
1200 (1220)			500	400	300	AC 230	IP 24
				600	400			AC 230	IP 24
1800 (1766)			600	900	600	AC 230	IP 24

⁽¹⁾ At 60 °C

Description:

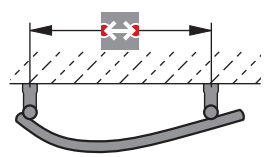
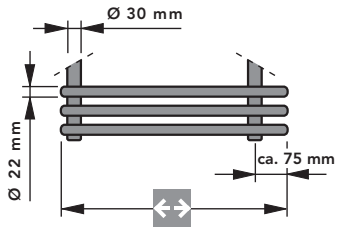
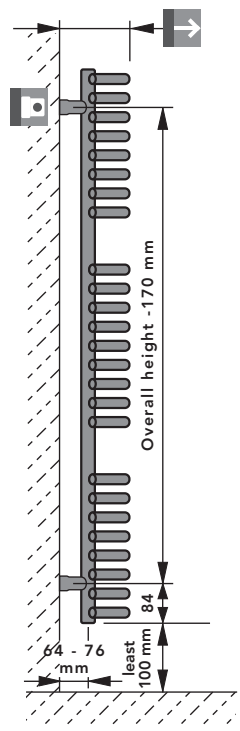
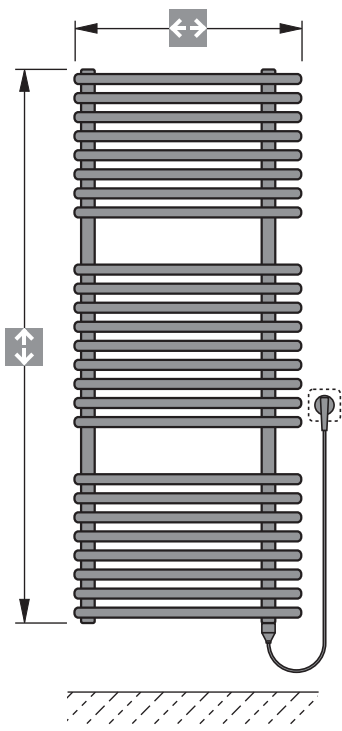
With their built-in electric heating, the electric radiators of the FULDA-E family are elegant Design and bathroom radiators.

Self-regulation effect – the temperature-dependent PTC heating element automatically controls the temperature of the heat-transfer liquid by modifying its electrical resistance.

Basic standard accessories (included):

- a wall mounting set matching the radiator colour
- fitting aid
- instruction sheet

RAL 9016 Traffic White (See E-heating element output category A)	Various RAL and metallic colours (See E-heating element output category A)	Sanitary ware Colours (See E-heating element output category A)	Chrome-plated (See E-heating element output category B)	Gold-plated (See E-heating element output category B)
Item no.	Item no.	Item no.	Item no.	Item no.
DGEEB1205A DGEEB1206A	DGEEF1205A DGEEF1206A	DGEES1205A DGEES1206A	DGEEC1205A DGEEC1206A	DGEEM1205A DGEEM1206A
DGEEB1806A	DGEEF1806A	DGEES1806A	DGEEC1806A	DGEEM1806A



➔ Overall depth (incl. wall clearance)
 for an overall length of 500 146-158 mm
 for an overall length of 600 155-167 mm

↔ for an overall length of 500 400 mm
 for an overall length of 600 495 mm



FLINT

SEINE

Style & Classics.



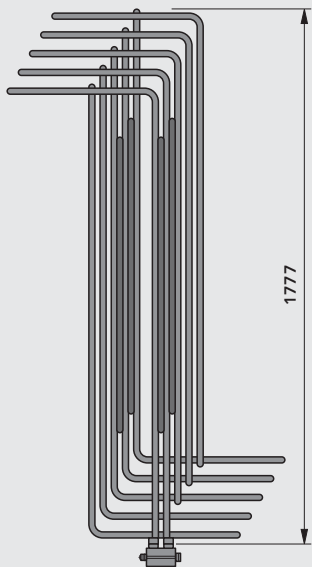
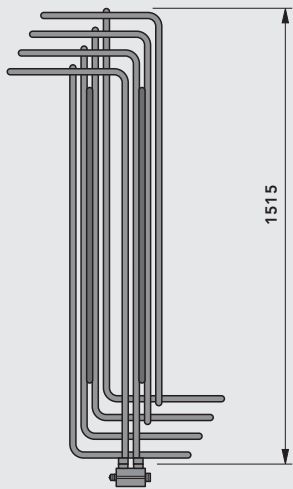
Source: hansgrohe



Style & Classics

The **Style & Classics** lifestyle range is characterised by sophisticated living, with an emphasis on the highest quality and timeless beautiful design. The top priority is aesthetic forms that are **independent of space and time** combined with cutting-edge technology. In the right sort of setting this lifestyle range reflects an ideal world of living that is quite the opposite to trends that are here today and gone tomorrow. It embodies furnishing designed with an eye to perpetuity.

Vertical dimensions [mm]

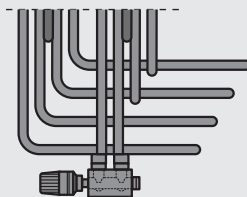


Technical data, product family

Overall height	Diagram scale M 1:50		Overall length	Heat output ⁽¹⁾ in Watts 75/65/20 °C
	[mm]			
1515	718	918	718	534
1777			918	745

⁽¹⁾ Tested in accordance with ÖNORM EN 442 -

Connection example



Connections
 2 x external thread G 3/4
 (valve connection set)
 1 x internal thread G 1/4 (for vent plug)
Connection modes see diagram



Test overpressure
 13 bar



Maximum positive operating pressure
 10 bar



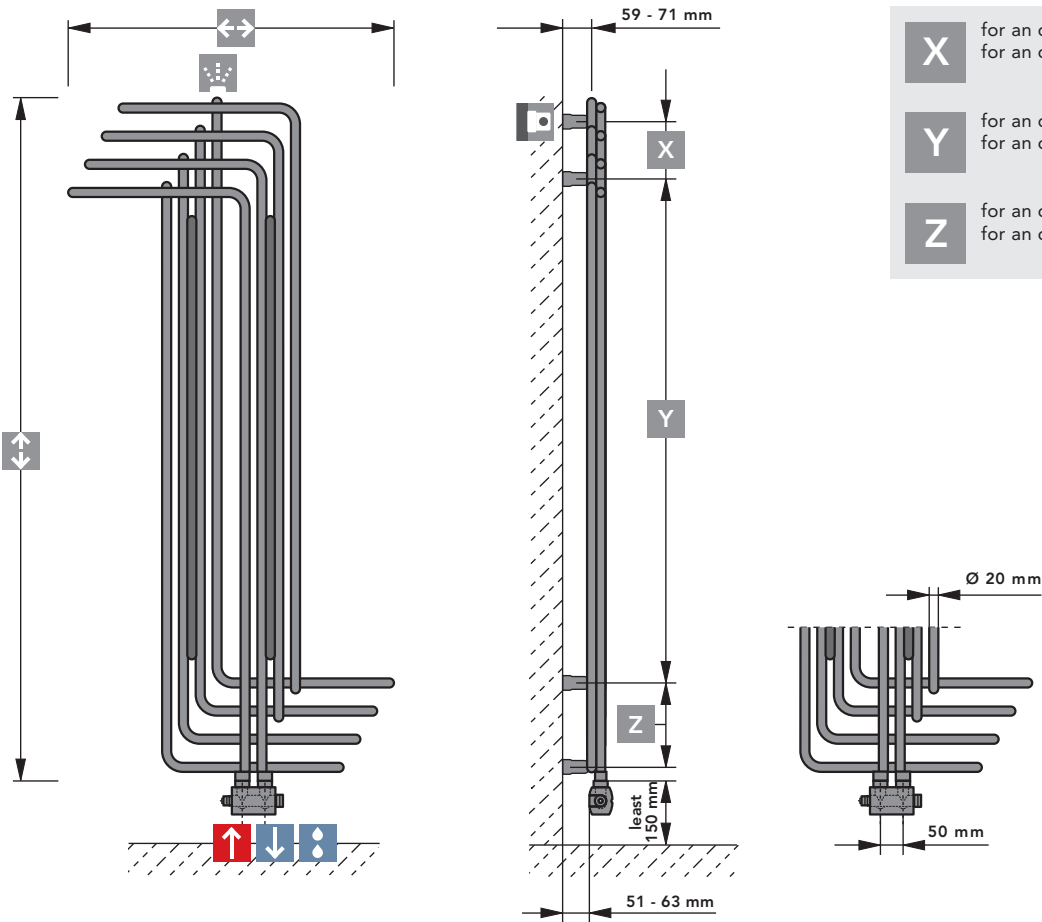
Maximum operating temperature
 110 °C

Basic standard accessories (included):

- decor bands (2 or 4 sections)
- a pivotable vent plug, G 1/4, nickel-plated brass, self-sealing
- a valve connection set with angled two-pipe design
- covering rosette in matching radiator colour
- wall fastening set matching the radiator colour
- fitting aid
- instruction sheet

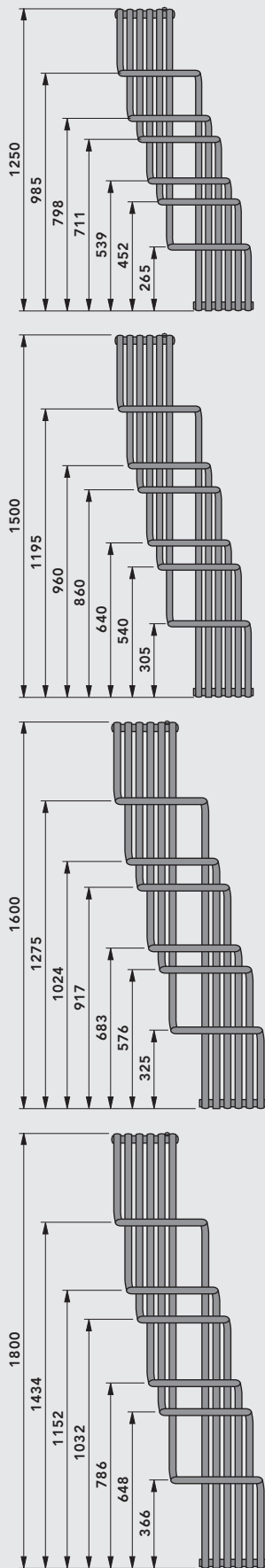
FLINT Standard	① Radiator Traffic White RAL 9016	② Valve cover Traffic White RAL 9016	③ Decor bands Grey Aluminium RAL 9007	FLINT Elegance	① Radiator Colour optional, see colour chart	② Valve cover Farbe wie Heizkörper	③ Decor bands Colour optional, see colour chart, or Chrome	FLINT Chrome-plated	① Radiator Chrome	② Valve cover Chrome	③ Decor bands Colour optional, see colour chart, Chrome or Gold	FLINT Gold-plated	① Radiator Gold	② Valve cover Gold	③ Decor bands Colour optional, see colour chart, Chrome or Gold
Item no.				Item no.				Item no.				Item no.			
DFLAB1507A				DFLAE1507A				DFLAC1507A				DFLAM1507A			
DFLAB1809A				DFLAE1809A				DFLAC1809A				DFLAM1809A			

with chrome-plated or gold-plated surface reduced output of about 15 %.



X	for an overall height of 1509	124 mm
	for an overall height of 1771	186 mm
Y	for an overall height of 1509	1112 mm
	for an overall height of 1771	1250 mm
Z	for an overall height of 1509	186 mm
	for an overall height of 1771	248 mm

Vertical dimensions [mm]

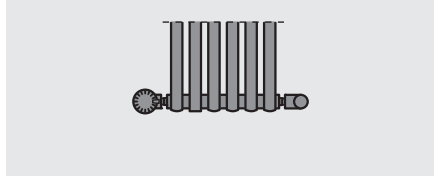


Technical data, product family

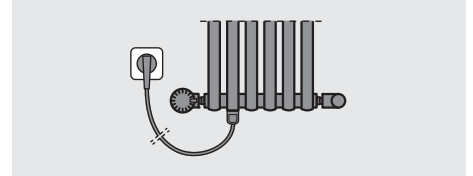
Nominal height (overall height)	Diagram scale M 1:50		Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating ele- ment power ⁽²⁾ [Watts]	
	572	636				A	B
1200 (1250)			572	486	1,267	300	-
1500 (1500)			572	550	1,270	300	300
1600 (1600)			636	675	1,260	300	300
1800 (1800)			636	735	1,267	300	300

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections
3 x internal thread G 1/2 and
3 x internal thread G 1/4 (for vent and
drain plugs)
Connection modes
see diagram

Test overpressure
13 bar

Maximum positive operating pressure
10 bar max.

Maximum operating temperature
110 °C

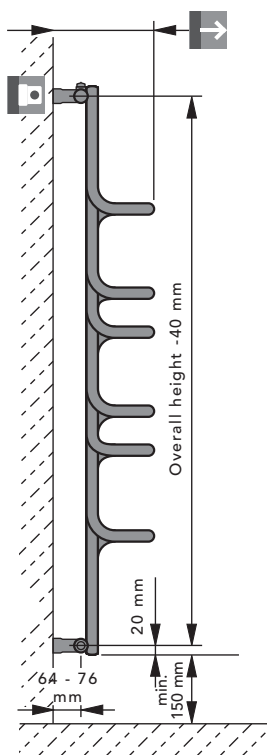
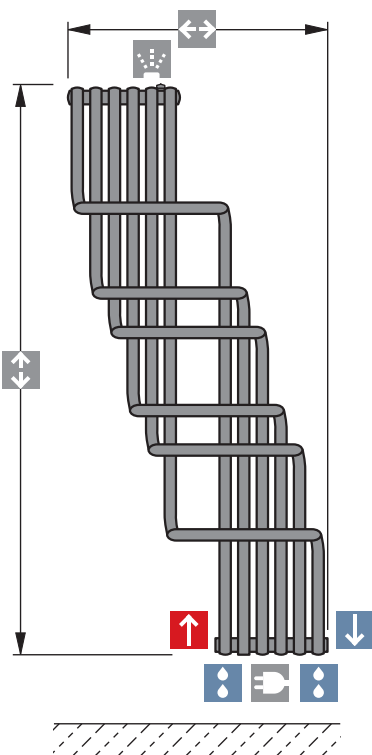
Accessory: PTC electric heating element
SEINE radiators equipped with an electric heating
element can also be used at times when the regul-
ar heating system is switched off.

It is absolutely necessary to take account of the
power-ratings assigned to the electric heating ele-
ments.

- Basic standard accessories (included):**
- a pivotable vent plug, G 1/4,
and a dummy plug, G 1/4, as well as a dummy
plug, G 1/2, nickel-plated brass, self-sealing,
factory-sealed
 - a wall mounting set in the corresponding
radiator colour
 - fit-up aid
 - instruction sheet

RAL 9016 Traffic White (See E-heating element output category A)	Various RAL and metallic colours (See E-heating element output category A)	Sanitary ware Colours (See E-heating element output category A)	Chrome-plated (See E-heating element output category B)	Gold-plated (See E-heating element output category B)
Item no.	Item no.	Item no.	Item no.	Item no.
DPANB1205A	DPANF1205A	DPANS1205A	DPANC1205A	DPANM1205A
DPANB1505A	DPANF1505A	DPANS1505A	DPANC1505A	DPANM1505A
DPANB1606A	DPANF1606A	DPANS1606A	DPANC1606A	DPANM1606A
DPANB1806A	DPANF1806A	DPANS1806A	DPANC1806A	DPANM1806A

⁽²⁾ At 60 °C



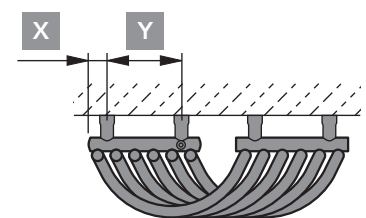
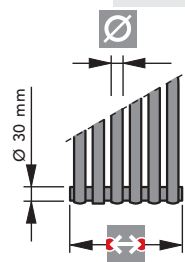
→ Overall depth (incl. wall clearance)
 for an overall length of 572 225–237 mm
 for an overall length of 636 251–263 mm

↔ Boss spacing
 for an overall length of 572 247 mm
 for an overall length of 636 272 mm

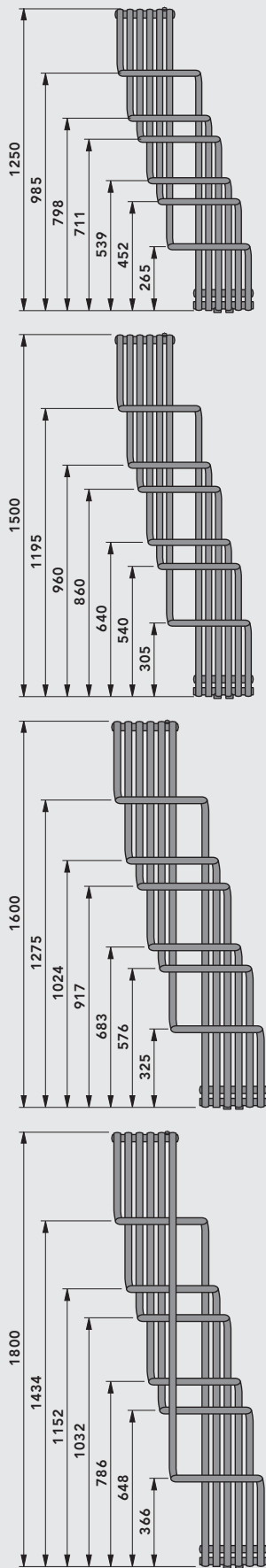
∅ Pipe diameter
 for an overall length of 572 25 mm
 for an overall length of 636 28 mm

X Measurement X
 for an overall length of 572 41,5 mm
 for an overall length of 636 44 mm

Y Measurement Y
 for an overall length of 572 164 mm
 for an overall length of 636 184 mm



Vertical dimensions [mm]

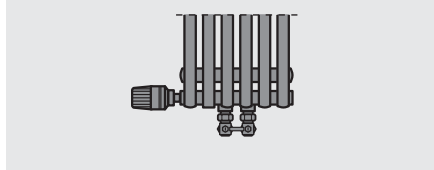


Technical data, product family

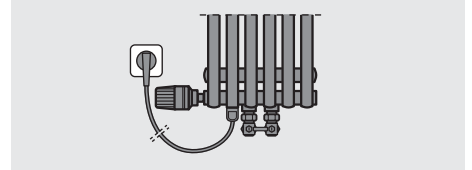
Nominal height (overall height)	Diagram scale M 1:50		Overall length [mm]	Heat output ⁽¹⁾ in Watts 75/65/20 °C	Radiator exponent n	E-heating element power ⁽²⁾ [Watts]	
	572	636				A	B
1200 (1250)			572	486	1,267	300	-
1500 (1500)			572	550	1,270	300	300
1600 (1600)			636	675	1,260	300	300
1800 (1800)			636	735	1,267	300	300

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Connection example without electric heating element



Connection example with electric heating element



Connections
4 x internal thread G 1/2, and
2 x internal thread G 1/4
(for vent and dummy plugs)
Connection modes
see diagram

Test overpressure
13 bar

Maximum positive operating pressure
10 bar

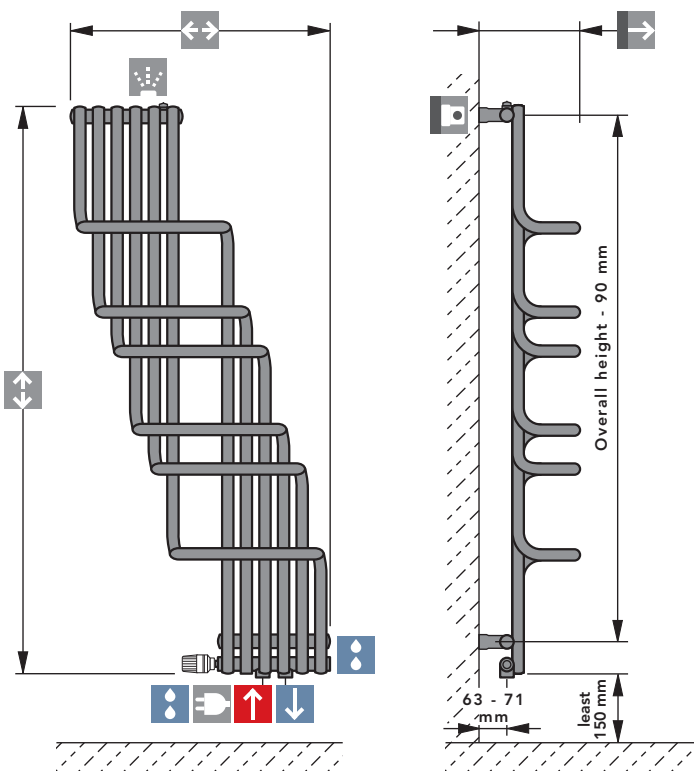
Maximum operating temperature
110 °C

Accessory: PTC electric heating element
SEINE-V radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off. It is **absolutely necessary** to take account of the power-ratings assigned to the electric heating elements.

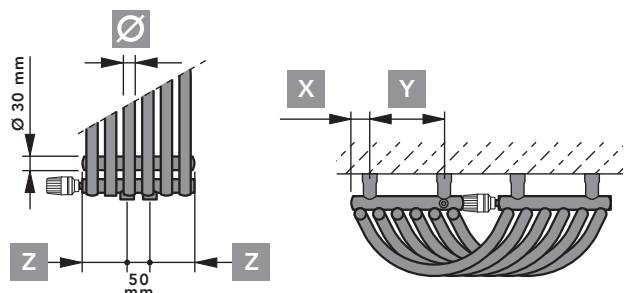
- Basic standard accessories (included):**
- a pivotable vent plug, G 1/4, and a dummy plug, G 1/4, as well as a dummy plug, G 1/2, nickel-plated brass, self-sealing, factory-sealed
 - a wall mounting set matching the radiator colour
 - fitting aid
 - instruction sheet

RAL 9016 Traffic White (See E-heating element output category A)	Various RAL and metallic colours (See E-heating element output category A)	Sanitary ware Colours (See E-heating element output category A)	Chrome-plated (See E-heating element output category B)	Gold-plated (See E-heating element output category B)
Item no.	Item no.	Item no.	Item no.	Item no.
DPAVB1205A	DPAVF1205A	DPAVS1205A	DPAVC1205A	DPAVM1205A
DPAVB1505A	DPAVF1505A	DPAVS1505A	DPAVC1505A	DPAVM1505A
DPAVB1606A	DPAVF1606A	DPAVS1606A	DPAVC1606A	DPAVM1606A
DPAVB1806A	DPAVF1806A	DPAVS1806A	DPAVC1806A	DPAVM1806A

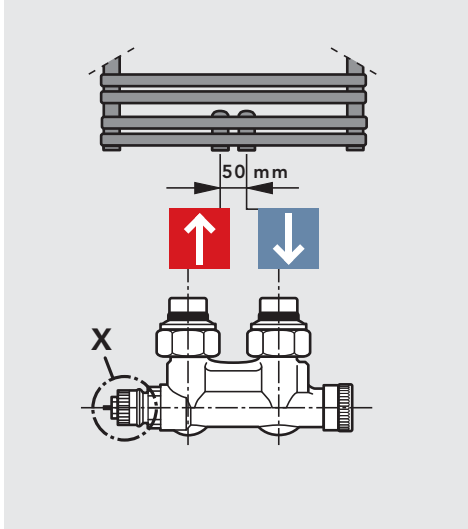
⁽²⁾ At 60 °C



→	Overall depth (incl. wall clearance) for an overall length of 572 ... 225 - 237 mm for an overall length of 636 ... 251 - 263 mm
∅	Pipe diameter for an overall length of 572 ... 25 mm for an overall length of 636 ... 28 mm
X	Measurement X for an overall length of 572 ... 41,5 mm for an overall length of 636 ... 44 mm
Y	Measurement Y for an overall length of 572 ... 164 mm for an overall length of 636 ... 184 mm
Z	Measurement Z for an overall length of 572 ... 98,5 mm for an overall length of 636 ... 111 mm



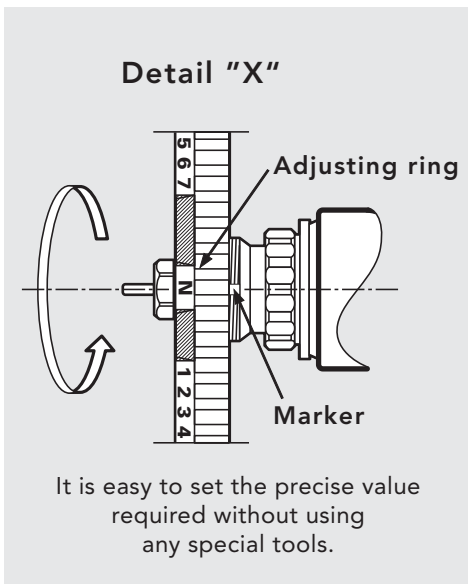
Two-pipe operation with the FULDA-VM, LOWA-VM, CAVALLY-VM, BAWA-VM, BAWA-T VM, OKANO-VM and OHIO VSM



Guideline values for presetting – basis:
 Supply temperature **70 °C**
 Return temperature **55 °C**
 Room temperature **20 °C**

Guide values for the K_v -value setting, at a proportional deviation of 2K

- $K_v = 0.12$ up to 450 W presetting **4**
- $K_v = 0.19$ up to 700 W presetting **5**
- $K_v = 0.27$ up to 1000W presetting **6**
- $K_v = 0.33$ up to 1200 W presetting **7**
- $K_v = 0.48$ over 1200 W presetting **N**



Setting instructions:

- Remove the protective cap and the sensor element.
- Lift the adjusting ring and turn it anticlockwise, as far as to the presetting required – the set value (1, 2, ...7, N) must be positioned in line with the marker.
- Presetting is possible in steps of 0.5 between 1 and 7. The „N” setting, cancels all presetting.

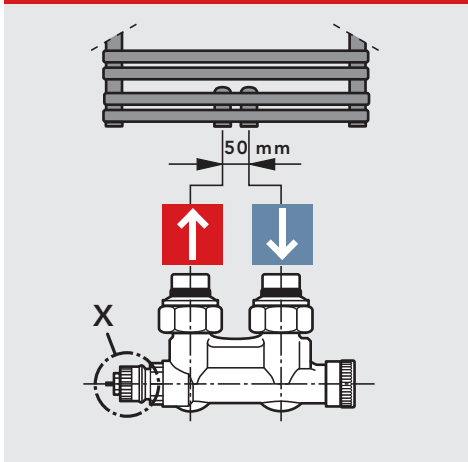
Note:

Settings in the hatched areas are to be avoided.

The following thermostat heads can be directly fitted: „RA 2000”, or „RAW” from Danfoss, „VK” from Heimeier, „D” from Herz, „thera DA” from MNG, and „UNI XD” from Oventrop.

It is easy to set the precise value required without using any special tools.

Single-pipe operation with FULDA-VM, LOWA-VM, CAVALLY-VM, BAWA-VM, BAWA-T VM, OKANO-VM and OHIO VSM



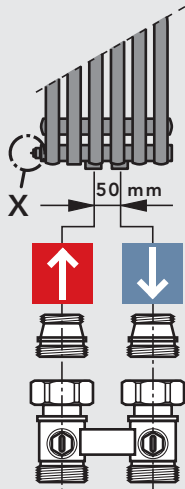
Accessories: connection set for single-pipe operation

Set value at a proportional deviation of 2K (guideline value):
radiator proportion 40% is the fixed setting

The following thermostat heads can be directly fitted: „RA 2000”, or „RAW” from Danfoss, „VK” from Heimeier, „D” from Herz, „thera DA” from MNG, and „UNI XD” from Oventrop.

It is not necessary to preset the valve.

Two-pipe operation for SEINE-V and OHIO VHM



Guideline values for presetting – basis:
 Supply temperature 70 °C
 Return temperature 55 °C
 Room temperature 20 °C

Guide values for the K_v -value setting, at a proportional deviation of 2K

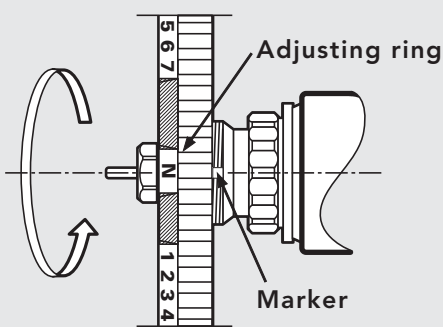
for the SEINE-V model

$K_v = 0.13$ up to 500 W presetting 1
 $K_v = 0.21$ over 500 W presetting 2

for the OHIO VHM model

$K_v = 0.13$ up to 500 W presetting 1
 $K_v = 0.21$ up to 800 W presetting 2
 $K_v = 0.26$ up to 1000 W presetting 3
 $K_v = 0.31$ up to 1200 W presetting 4
 $K_v = 0.41$ up to 1600 W presetting 5
 $K_v = 0.52$ up to 2000 W presetting 6
 $K_v = 0.63$ up to 2400 W presetting 7
 $K_v = 0.75$ over 2400 W presetting N

Detail "X"



Setting instructions:

- Remove the protective cap and the sensor element.
- Lift the adjusting ring and turn it anticlockwise, as far as to the presetting required – the set value (1, 2, ...7, N) must be positioned in line with the marker.
- Presetting is possible in steps of 0.5 between 1 and 7. The „N“ setting, cancels all presetting.

Note:

Settings in the hatched areas are to be avoided.

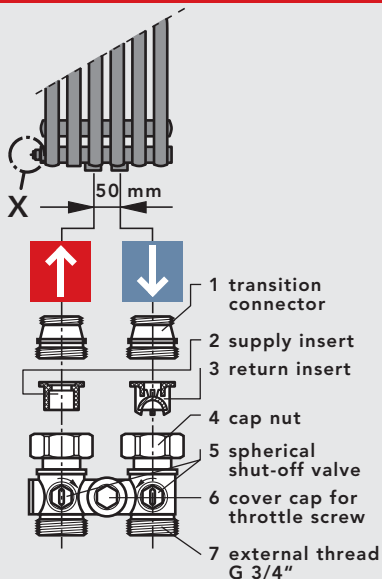
Tip for the OHIO VHM model:

For the OHIO VHM model the connection modes shown in the illustration apply only if the valve is located on the right-hand side. If the valve is located on the left-hand side, the supply is on the right-hand side and the return to the left.

It is easy to set the precise value required without using any special tools.

The following thermostat heads can be directly fitted: „RA 2000“, or „RAW“ from Danfoss, „VK“ from Heimeier, „D“ from Herz, „thera DA“ from MNG, and „UNI XD“ from Oventrop.

Single-pipe operation for the SEINE-V and OHIO VHM models



Set value at a proportional deviation of 2K (guideline value):

radiator proportion 30 % – 3.50 rotations = RECOMMENDED SETTING

radiator proportion of 35 % ...3.00 rotations
 radiator proportion of 40 % ...2.50 rotations
 radiator proportion of 45 % ...2.00 rotations
 radiator proportion of 50 % ...1.75 rotations

Note:

When installing the single-pipe manifold take care that the return insert 3 is fitted into the return, and the supply insert 2 into the supply. Before setting the radiator proportion remove the covering cap 6 from the single-pipe manifold; the bypass shaft located below it needs to be turned to the right as far as it will go.

Tip for the OHIO VHM Model:

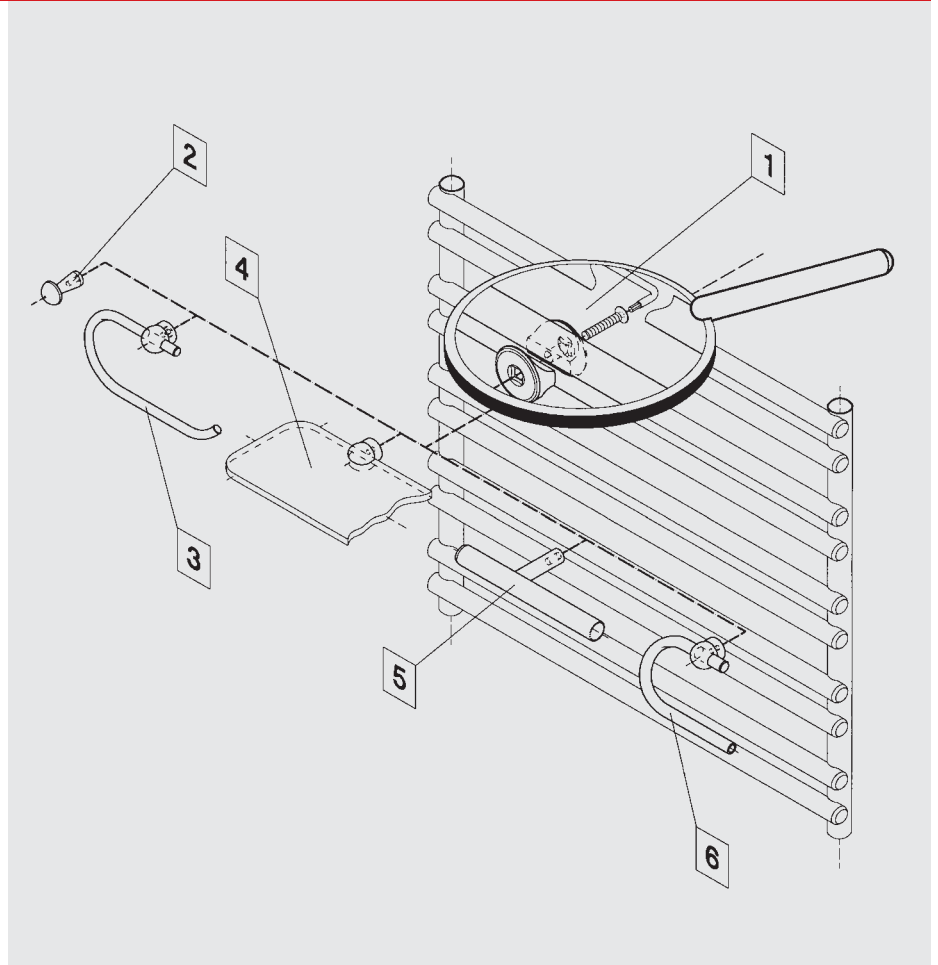
For the OHIO VHM model the connection modes shown in the illustration apply only if the valve is located on the right-hand side. If the valve is located on the left-hand side, the supply is on the right-hand side and the return to the left.

It is not necessary to preset the valve because it has been factory-adjusted to presetting N.

The following thermostat heads can be directly fitted: „RA 2000“, or „RAW“ from Danfoss, „VK“ from Heimeier, „D“ from Herz, „thera DA“ from MNG, and „UNI XD“ from Oventrop.

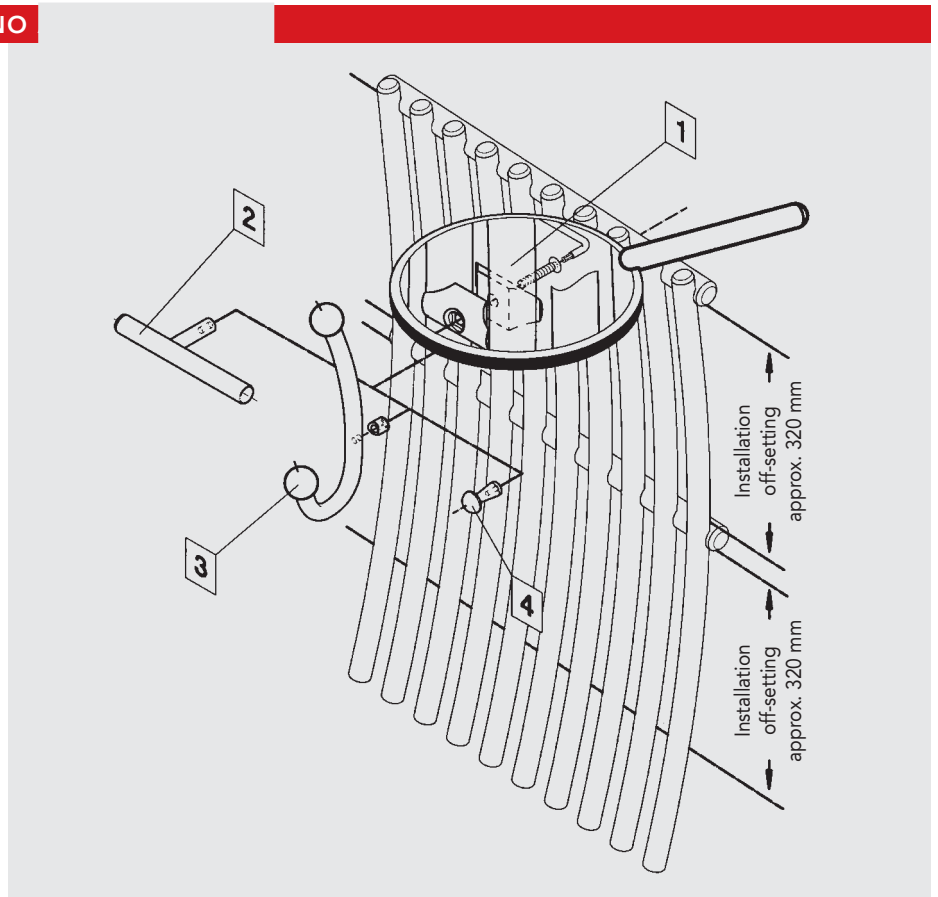
Design radiator families: BAWA, CAVALLY, FULDA, FATALA, KASAI, MOSEL and ARUN-T

- 1 Fastening kit, Ø 32**
for use with Design radiators of the BAWA, CAVALLY, FATALA, KASAI, MOSEL and ARUN-T product families; consisting of:
2 clips (half shells)
1 flat-headed screw, with a hexagonal socket, DIN 7991 M6 x 35
1 hexagon socket screw key, SW 4 or
- 1 Fastening kit, Ø 40**
for use with Design radiators of the FULDA product family; consisting of:
2 clips (half shells)
1 flat-headed screw, with a hexagonal socket, DIN 7991 M6 x 40
1 hexagonal socket screw key, SW 4
- 2 Hand towel rail and**
- 3 Hand towel ring**
for use with Design radiators of the BAWA, CAVALLY, FULDA, FATALA, KASAI, MOSEL and ARUN-T product families;
- 4 Glass shelf** (not for use with the CAVALLY), as well as
- 5 Clothes rail and**
- 6 Bath towel rail**
for use with Design radiators of the BAWA, CAVALLY, FATALA, KASAI, MOSEL and ARUN-T product families.



DESIGN RADIATOR FAMILIES: VELINO

- 1 Clip set**
consisting of:
2 clips (half shells)
1 flat-headed screw, with a hexagonal socket, DIN 7991 M6 x 40
1 hexagonal socket screw key, SW 4
- 2 Clothes rail**
- 3 Bathrobe hook**
- 4 Hand towel rail**



Digital room thermostat

Infrared control set			
	EH 300 set	EH 600 set	EH 900 set
PTC-electric heating element			
Nominal voltage	AC 230 Volt	AC 230 Volt	AC 230 Volt
Nominal input EH	300 Watts at 60 °C	600 Watts at 60°C	900 Watts at 60 °C
Depth of immersion EH	285 mm	525 mm	750 mm
Diameter D EH	11 mm	11 mm	11 mm
Cable length EH	1500 mm	1500 mm	1500 mm
Digital room thermostat transmitter			
Setting range for room temperatures	Between + 5 °C and + 30 °C		
Setting range for BOOST cycle duration	Between 5 minutes and 5 hours		
Display area for room temperatures	Between + 0 °C and + 40 °C		
Static deviation	< 0,3 K		
Power supply	2 alkaline cells, LR03 model		
Range	Approx. 10 metres (all directions) Approx. 15 metres (in an unobstructed straight line)		
Interval of Infrared transmissions	Every 10 minutes		
Operational temperature	Between -10 °C and +50 °C		
Storage temperature	Between -20 °C and +60 °C		
Air humidity	Maxium of 90 %, at +25 °C		
Protection mode	IP 31		
Dimensions	120 x 80 x 35 mm (HxBxT)		
Digital room thermostat receiver			
Supply voltage	230 VAC +/- 10%		
Mains frequency	50 Hz		
Input power	< 5 VA		
Output	1 N/O contact (not potential free)		
Switching capacity	Ohm resistive load: max. 10A/2000W		
Operational temperature	Between -10 °C and +40 °C		
Storage temperature	Between -20 °C and +60 °C		
Air humidity	Maxium of 90 %, at +20 °C		
Protection mode	IP 24		
Dimensions	117 x 81 x 30 mm (HxBxT)		
Digital room thermostat, transmitter and receiver AND electrical heating element			
Item no.	D00ZRI300B	D00ZRI600B	D00ZRI900B
Digital room thermostat, transmitter and receiver WITHOUT electrical heating element			
Item no.	D00ZRI000B		

Digital room thermostat with infrared transmission, (incl. PTC-electric heating element) for room temperature control using the Design radiators. The infrared transmitter has a clear LCD display, simultaneously showing the room temperature, target temperature, operation mode and the BOOST symbol.

Using the BOOST function you can activate continuous operation (without thermostatic control) for between 5 minutes and 5 hours.

1 or 2 BOOST cycles may be set for each day, using 3 preset and adjustable programmes.

The infrared control unit is especially suitable for subsequent installation, because it simply involves plugging the receiver into a safety socket.

The infrared control set is available for all Design radiator models (exceptions: VELINO, LOWA-VM, OHIO, and FLINT!).

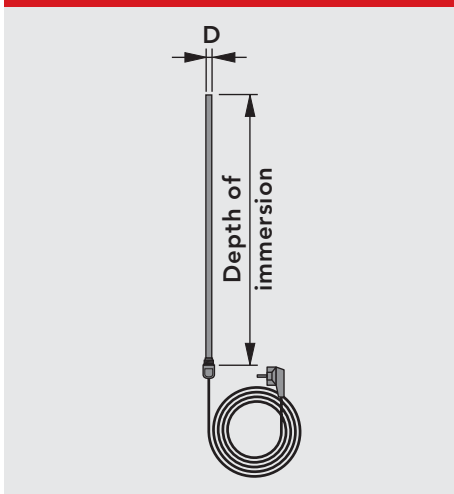
Electrical heating element



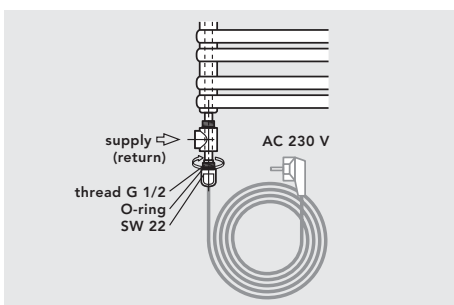
PTC-electrical heating element, for use with all models, with the exception of LOWA-VM, MANO, SEWA, EDISTO, OHIO VHM/VSM, VELINO, and FLINT		
Output at 60 °C [Watts]	Item no. WITH safety plug	Item no. WITH safety plug AND switch
300	D00ZE3000A	D00ZE300SA
600	D00ZE6000A	D00ZE600SA
900	D00ZE9000A	D00ZE900SA
The VELINO electrical heating element		
615	D00ZER600A	D00ZER60SA
The LOWA-VM electrical heating element, G 3/8		
300	DDNZE3000A	DDNZE300SA
600	DDNZE6000A	DDNZE600SA

Which electrical heating element to use: Appropriate electrical heating elements and their insertion, positioning and fastening modes are specified in the output diagrams in the pricelist, as well as in the installation sheets for the respective Design radiator families. It is absolutely essential to adhere to these instructions.

PTC-electrical heating element, for use with all models, with the exception of: LOWA-VM, MANO, SEWA, EDISTO, OHIO VHM/VSM, VELINO, and FLINT



Electrical heating element	EH 300 * EHS 300 **	EH 600 * EHS 600 **	EH 900 * EHS 900 **
Nominal voltage	AC 230 Volt	AC 230 Volt	AC 230 Volt
Nominal input EH	300 Watts at 60 °C	600 Watts at 60°C	900 Watts at 60 °C
Depth of immersion EH	285 mm	525 mm	750 mm
Diameter D EH	11 mm	11 mm	11 mm
Cable length EH	1500 mm	1500 mm	1500 mm
Item no. With safety plug*	D00ZE3000A	D00ZE6000A	D00ZE9000A
With safety plug and switch**	D00ZE300SA	D00ZE600SA	D00ZE900SA
Design:	Protection mode		
* with safety plug	IP 64		
** with safety plug and plug	IP 40		



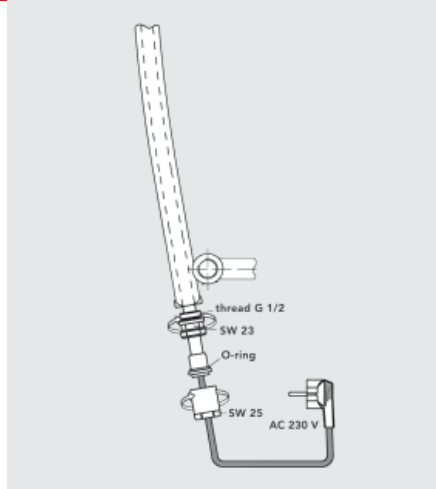
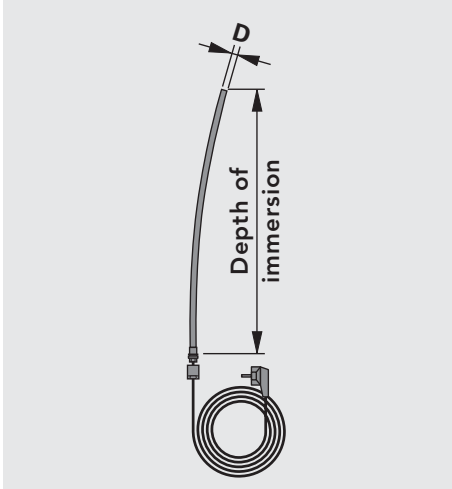
Design radiators fitted with an electric heating element can also be used at times when the regular heating system is switched off (exceptions: the LOWA-VM, MANO, SEWA, EDISTO, OHIO VHM/VSM, VELINO, and FLINT models).

Self-adjusting effect – the temperature-dependent PTC-heating element automatically controls the water temperature in the radiator by adjusting its electrical resistance.

After the installation of the PTC-electrical heating element proceed as follows: Fill the heating system with water and vent it. Before start-up, the radiator must be completely filled and vented. Always ensure that the water inside can expand so as to reach the expansion receptacle. For operation with the electrical heating insert we recommend closing the radiator’s thermostat valve, to prevent heat being diverted into the rest of the distribution system.

Which electrical heating element to use: Appropriate electrical heating elements and their insertion, positioning and fastening modes are specified in the tables given in the technical brochures, as well as in the installation sheets for the respective Design radiator families. It is absolutely essential to adhere to these instructions.

The VELINO electrical heating element

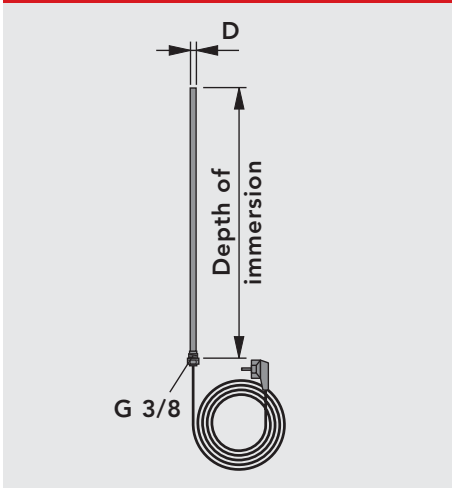


Electrical heating element	EHR 615 * EHRS 615 **
Nominal voltage	AC 230 Volt
Nominal input EH	615 Watts
Depth of immersion EH	610 mm
Diameter D EH	12,5 mm
Cable length EH	1500 mm
Item no. With safety plug*	D00ZER600A
With safety plug and switch**	D00ZER60SA
Design: * with safety plug ** with safety plug and plug	Protection mode IP 54 IP 40



Appropriate electrical heating elements and their insertion, positioning and fastening modes are specified in the tables in the technical brochures and the installation sheets for the VELION Design radiator family. It is **absolutely essential** to adhere to these instructions.

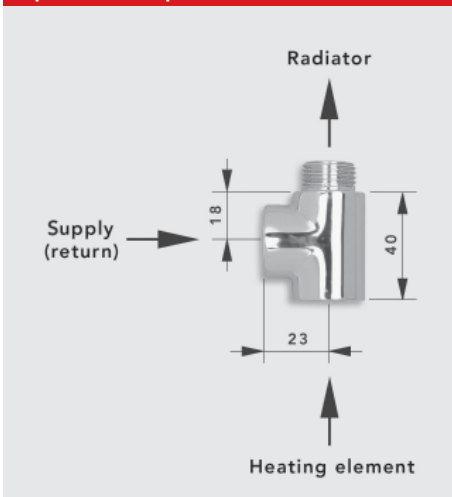
The LOWA-VM, MANO, SEWA, EDISTO electrical heating element, G 3/8



Electrical heating element	E 300 * ES 300 **	E 600 * ES 600 **
Nominal voltage	AC 230 Volt	AC 230 Volt
Nominal input EH	300 Watts	600 Watts
Depth of immersion EH	515 mm	750 mm
Diameter D EH	12,5 mm	12,5 mm
Cable length EH	1500 mm	1500 mm
Item no. With safety plug*	DDNZE3000A	DDNZE6000A
With safety plug and switch**	DDNZE300SA	DDNZE600SA
Design: * with safety plug ** with safety plug and plug	Protection mode IP 54 IP 40	








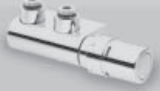



Special adapter






Special adapter (chrome-plated)

A special adapter needs to be used for Design radiators without a 1/2" socket for the electrical heating element, as shown in the adjacent diagram. (Applies to the following models: BAWA, CAVALLY, FULDA, LOKOLO, MOSEL and FATALA/standard design.)

Special adapter, valve connection sets, valve covering rosettes, Design valve sets		
Illustration	Description	Item no.
	Special adapter (chrome-plated), for electrical heating inserts to be used with the following standard Design radiators: BAWA, CAVALLY, FULDA, LOKOLO, MOSEL and FATALA!	D00ZA0000A
	Valve connection set, angled, one or two-pipe operation for use with BAWA-VM, BAWA T-VM, CAVALLY-VM, FULDA-VM, LOWA-VM, LOKOLO, MOSEL, FATALA, and OHIO VSM	
	One-pipe	DVEEC0000A
	Two-pipe	DVZEC0000A
	Valve connection set, through-flow, one or two-pipe operation for use with the ARUN-T room partition radiator, for example	
	One-pipe	DVEDC0000A
	Two-pipe	DVZDC0000A
	Valve connection set, angled two-pipe operation With supply and return on the reverse sides (right-hand: supply; left-hand: return); for use with BAWA-VM, BAWA T-VM, CAVALLY-VM, FULDA-VM, LOWA-VM, LOKOLO, MOSEL, FATALA, and OHIO VSM	
		DVZES0000A
	Valve covering rosette, angled	
	RAL 9016, Traffic White	DVAEB0000A
	Various RAL colours	DVAEF0000A
	Sanitary-ware colours	DVAES0000A
	Angled in chrome	DVAEC0000A
	Valve covering rosette, through-flow	
	RAL 9016, Traffic White	DVADB0000A
	Various RAL colours	DVADF0000A
	Sanitary-ware colours	DVADS0000A
	Through-flow in chrome	DVADC0000A
	Design valve set VHX-D/RAX, through-flow	
	CHROME	DVSDC0000A
	INOX	DVSDF0000A
	RAL 9016	DVSDB0000A
	Design valve set VHX-D/RAX, angled	
	CHROME	DVSEC0000A
	INOX	DVSEF0000A
	RAL 9016	DVSEB0000A
	Design valve set X-tra Collection, supply connection	
	CHROME, right sided supply connection	DVSRC0000A
	CHROME, left sided supply connection	DVSLC0000A
	RAL 9016, right sided supply connection	DVSRB0000A
	RAL 9016, left sided supply connection	DVSLB0000A
	INOX, right sided supply connection	DVSRF0000A
	INOX, left sided supply connection	DVSLF0000A

Adapter, return connection, supply valve, binding joint, thermostat head, angled valve, pipe cover set

Illustration	Description	Item no.
	Adapter for the E-heating element, G 1/2" (for use with the VHX-D/RAX angled Design valve set)	DUSHE0000A
	Return connection RLV 15, angled	DRVEC0000A
	Return connection RLV 15, through-flow	DRVDC0000A
	Supply valve RA-N 15, through-flow	DVGDC0000A
	Supply valve RA-N 15, right-hand angled	DVGRC0000A
	Supply valve RA-N 15, left-hand angled	DVGLC0000A
	Binding joint for copper pipes, 15 mm, external thread G 1/2"	DKVKC1500A
	Binding joint for Alupex, 16 x 2 mm, external thread G 1/2"	DKVAC1600A
	Thermostat head RAS-D	DFENB0000A
	Thermostat head RAS-D	DFENC0000A

Simplified procedures for standard and low-temperature (ST/LT)

The conversion factors in the table show the extent to which heat output varies under other operating conditions than those specified in the following standard-design data:

Supply temperature t_1 75 °C
Return temperature t_2 65 °C
Room temperature t_r 20 °C

Because an average exponent of 1.3 has been used both for the calculation of performance data and for specifying the conversion factor, a slight variation in performance from the calculated values is possible.

The standard heating power Φ_s of a radiator to give the required heat output $\Phi_{HL,i}$ with the chosen operating conditions, is calculated according to the formula:

$$\Phi_s = \Phi_{HL,i} \times f$$

- Φ_s = standard heating power, in accordance with EN 442
- $\Phi_{HL,i}$ = required heat output, in accordance with EN 12831
- f = conversion factor from the table

Example:

The required heat output for a room, from a 600 Watts base in accordance with EN 12831:

Variable data: t_1 65 °C
 t_2 55 °C
 t_r 22 °C

Factor f according to the table = 1.43

supply temperature °C	return temperature °C	room air temperature °C						
		12	15	18	20	22	24	26
90	80	0,61	0,64	0,68	0,71	0,74	0,77	0,81
	70	0,67	0,72	0,76	0,80	0,83	0,87	0,91
80	70	0,74	0,79	0,84	0,88	0,93	0,97	1,03
	60	0,83	0,89	0,96	1,01	1,07	1,13	1,20
	50	0,96	1,04	1,13	1,20	1,28	1,37	1,47
75	65	0,82	0,88	0,95	1,00	1,05	1,12	1,18
	60	0,88	0,94	1,02	1,08	1,14	1,21	1,29
	55	0,94	1,01	1,10	1,17	1,24	1,32	1,42
70	65	0,87	0,94	1,01	1,07	1,13	1,19	1,27
	60	0,93	1,00	1,08	1,15	1,22	1,30	1,39
	55	0,99	1,08	1,17	1,25	1,33	1,42	1,53
	50	1,07	1,17	1,28	1,37	1,47	1,58	1,71
65	60	0,98	1,07	1,16	1,23	1,31	1,40	1,50
	55	1,05	1,15	1,26	1,34	1,43	1,54	1,66
	50	1,14	1,25	1,37	1,47	1,59	1,71	1,86
	45	1,24	1,37	1,52	1,64	1,78	1,94	2,13
60	55	1,13	1,23	1,36	1,45	1,56	1,68	1,82
	50	1,22	1,34	1,48	1,60	1,73	1,87	2,05
	45	1,33	1,47	1,65	1,78	1,94	2,13	2,36
	40	1,47	1,64	1,86	2,03	2,24	2,50	2,80
	35	1,64	1,84	2,11	2,33	2,61	2,94	3,34
55	50	1,31	1,45	1,62	1,75	1,90	2,07	2,28
	45	1,43	1,60	1,80	1,96	2,15	2,37	2,64
	40	1,59	1,78	2,03	2,24	2,48	2,78	3,15
50	35	1,78	2,03	2,36	2,64	2,99	3,43	4,02
	45	1,56	1,75	1,98	2,17	2,40	2,67	3,00
	40	1,73	1,96	2,25	2,50	2,79	3,15	3,61
	35	1,94	2,24	2,63	2,96	3,38	3,92	4,64
45	30	2,24	2,64	3,20	3,70	4,39	5,39	6,99
	40	1,90	2,17	2,53	2,83	3,19	3,66	4,25
	35	2,15	2,50	2,96	3,37	3,89	4,58	5,52

$$\Phi_s = \Phi_{HL,i} \times f = 600 \text{ Watts} \times 1,43 = 858 \text{ Watts}$$

A radiator has to be installed that emits 858 Watts under normal (75/65/20) conditions.

Exact method for the performance calculation for standard and low-temperature (ST/LT)

Using the formula $\Phi = \Phi_s \left[\frac{\Delta T}{\Delta T_s} \right]^n$ any performance differing from the standard can be calculated.

- Φ = Heating power [W]
- Φ_s = Standard heating power in accordance with EN 442 [W]
- ΔT = Arithmetic radiator excess temperature [K]
- ΔT_s = Arithmetic radiator excess temperature 50 K, from a standard base of 75°C / 65°C / 20°C
- n = Radiator exponent

Please note: if the condition $c = \frac{t_2 - t_r}{t_1 - t_r} < 0.7$ is met, the excess temperatures will be specified logarithmically.

$$\Delta T_{\text{arithmetic}} = \frac{t_1 + t_2}{2} - t_r \qquad \Delta T_{\text{logarithmic}} = \frac{t_1 - t_2}{\ln \frac{t_1 - t_r}{t_2 - t_r}}$$

To use our radiator performance calculator, go to www.vogelundnoot.com

Technical information subject to change.

Product description and scope of delivery

VOGEL&NOOT Design radiators are top quality brand-name products, suitable for use in all areas because of the wide range of models and designs on offer. Depending on the models in question, the following basic designs are available.

Central valve connection design

Delivered ready to install, with factory-sealed dummy and vent plugs, as well as a wall mounting set matching the radiator colour (exception: the OHIO model will be delivered with mounting brackets). For the SEINE-V and OHIO VHM models, a built-in valve set. For the FLINT, BAWA-VM, BAWA-T-VM, , LOWA-VM, FULDA-VM, CAVALLY-VM and the OHIO VSM models a valve connection set and a covering rosette in matching radiator colour are included as well. For the NERO, MANO, SEWA, EDISTO and ALIBORI models an integrated connection set with a thermostat head comes included.

Room partition design

The ARUN-T model is used as a room partition. With the ARUN-T model a room can be divided in a highly distinctive way, making it a very attractive design element for any living area. Delivered with dummy and vent plugs as well as a wall and floor mounting set matching the radiator colour.

Purely electrical operation design

The electrical radiators of the BAWA-E, FULDA-E and FATALA-E family are designed to give purely electrical heating, without being connected to the central heating system. Self-adjusting effect – the temperature-dependent PTC heating element automatically controls the temperature of the heat-transfer liquid by modifying its electrical resistance. Delivered with wall mountings matching the radiator colour.

Operating conditions

For all models a maximum operating temperature of 110° C applies.

Mounting set

Each Design radiator is equipped with wall mounting on the rear side, suitable for both horizontal and vertical radiator alignment. (Exception: OHIO models are delivered with mounting brackets.)

Paint coatings

An eco-friendly double coat of top-quality covering, in accordance with DIN 55900; anodic dip painting with electro dip paint, using water-soluble paint; electro-statically powder coated, with processed surfaces electrolytically coated. For the SEINE and FULDA models with chrome-plated or gold-plated surfaces, the reduced output is about 25%, with the FLINT model about 15 %.

Packaging

Support protection, protection of the visible surfaces, two layers of corrugated cardboard, and PE foil.

Quality certificates

Strong brands of the highest quality

Besides its high level of expertise in design and its enthusiasm for innovation VOGEL&NOOT offers its customers strong brands that meet the highest quality standards. All the production sites' processes are certified in accordance with ISO. The quality and performance specifications of the Design radiators are constantly being verified by recognised European institutions.

The standards that the quality certificates require us to maintain are there to give you security, the best heating performance and premium product quality. For the VOGEL&NOOT warranty conditions, please see the installation sheet, which is enclosed with each Design radiator.



DIE neue WÄRME



MANO					
Overall height [mm]	Overall length [mm]	Heating output ⁽¹⁾ in Watts, with		Weight kg	Water content l
		70/55/20°C	55/45/20°C		
1471	564	637	414	40,0	5,6
1685	564	749	490	46,0	6,5
	664	857	560	52,8	7,5

SEWA					
Overall height [mm]	Overall length [mm]	Heating output ⁽¹⁾ in Watts, with		Weight kg	Water content l
		70/55/20°C	55/45/20°C		
1471	600	637	414	40,0	5,6
1685	600	749	490	46,0	6,5
	700	857	560	52,8	7,5

EDISTO					
Overall height [mm]	Overall length [mm]	Heating output ⁽¹⁾ in Watts, with		Weight kg	Water content l
		70/55/20°C	55/45/20°C		
1471	564	637	414	40,0	5,6
1685	564	749	490	46,0	6,5
	664	857	560	52,8	7,5

NERO			
Overall height [mm]	Overall length [mm]	Heating output ⁽²⁾ in Watts, with	
		75/65/20 °C	
1003	530	460	
1403	530	610	
	630	730	
1803	530	730	
	630	880	

ALIBORI			
Overall height [mm]	Overall length [mm]	Heating output ⁽²⁾ in Watts, with	
		75/65/20 °C	
1003	560	470	
1403	560	650	
	660	760	
1803	560	790	
	660	930	

LOWA-VM							
Nominal height (overall height) [mm]	Overall length [mm]	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
800 (790)	500	341	299	223	185	12,6	3,0
	600	400	350	262	217	14,5	3,5
	700	457	401	300	250	16,4	4,0
	800	515	452	338	282	18,3	4,5
1250 (1222)	500	498	435	324	268	18,8	4,5
	600	585	512	382	317	21,6	5,2
	700	670	587	439	365	24,4	5,9
	800	753	661	496	413	27,2	6,6
1500 (1510)	500	595	520	387	321	23,5	5,7
	600	696	609	452	374	27,1	6,6
	700	795	694	514	425	30,7	7,5
	800	892	778	575	475	34,3	8,4

OHIO VHM 11							
Nominal height (overall height) [mm]	Overall length [mm]	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
502 (502)	800	521	453	332	273	18,4	3,1
	1000	651	566	415	341	23,0	3,9
	1200	782	680	498	409	27,6	4,6
	1400	912	793	581	477	32,2	5,4
	1600	1042	906	664	545	36,8	6,2
574 (574)	800	574	498	365	299	20,9	3,6
	1000	717	623	456	374	26,2	4,4
	1200	860	747	547	449	31,4	5,3
	1400	1004	872	638	523	36,6	6,2
	1600	1148	997	729	598	41,8	7,1
790 (790)	800	711	615	446	364	26,8	4,9
	1000	889	769	558	455	33,6	6,1
	1200	1067	923	669	546	40,3	7,3
	1400	1245	1076	781	637	47,0	8,6
	1600	1422	1230	892	728	53,7	9,8

OHIO VHM 22							
Nominal height (overall height) [mm]	Overall length [mm]	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
502 (502)	800	904	781	566	462	34,4	6,2
	1000	1130	977	708	577	43,0	7,8
	1200	1356	1172	849	692	51,6	9,3
	1400	1582	1368	991	808	60,1	10,9
	1600	1808	1563	1133	923	68,7	12,4
574 (574)	800	985	851	615	501	39,2	7,1
	1000	1232	1064	769	626	49,0	8,9
	1200	1478	1277	923	751	58,8	10,7
	1400	1724	1490	1077	877	68,6	12,4
	1600	1970	1702	1230	1002	78,4	14,2
790 (790)	800	1200	1030	735	593	50,5	9,8
	1000	1500	1288	919	741	63,1	12,2
	1200	1800	1545	1102	889	75,7	14,7
	1400	2100	1803	1286	1038	88,3	17,1
	1600	2401	2061	1470	1186	100,9	19,6

FLINT					
Overall height [mm]	Overall length [mm]	Heating output ⁽¹⁾ in Watts, with		Weight kg	Water content l
		70/55/20 °C	55/45/20 °C		
1515	718	432		274	
1771	918	601		380	

OHIO VSM 10							
Nominal height (overall height) [mm]	Overall length [mm]	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
1600 (1600)	358	495	426	304	246	15,9	4,1
	502	695	597	427	345	22,3	5,7
	646	895	769	549	444	28,7	7,3
	862	1193	1025	733	592	38,3	9,8
1800 (1800)	358	564	484	346	280	17,8	4,5
	502	791	679	486	392	24,9	6,3
	646	1018	875	625	505	32,0	8,1
	862	1359	1167	834	674	42,8	10,8
2000 (2000)	358	637	548	393	318	19,6	5,0
	502	894	769	551	446	27,5	7,0
	646	1150	990	709	574	35,4	9,0
	862	1535	1320	946	766	47,2	11,9

OHIO VSM 21							
Nominal height (overall height) [mm]	Overall length [mm]	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
1600 (1600)	358	907	779	556	449	37,4	8,1
	502	1272	1092	780	630	52,4	11,4
	646	1637	1406	1004	811	67,4	14,7
	862	2185	1877	1340	1082	90,0	19,6
1800 (1800)	358	1024	880	630	509	41,0	8,7
	502	1435	1234	882	713	57,4	12,2
	646	1847	1588	1136	918	73,9	15,7
	862	2465	2119	1515	1225	98,6	21,0
2000 (2000)	358	1147	988	709	575	44,5	9,9
	502	1609	1386	995	806	62,5	13,9
	646	2071	1783	1280	1038	80,4	17,9
	862	2763	2379	1708	1384	107,3	23,9

SEINE / SEINE-V							
Nominal height (overall height) [mm]	Overall length [mm]	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
1200 (1250)	572	396	345	254	210	8,0	4,2
		447	390	287	237	9,0	4,7
1500 (1500)	572	447	390	287	237	9,0	4,7
		550	480	355	293	10,8	6,6
1800 (1800)	636	598	521	385	317	11,8	7,2

⁽¹⁾ Tested in accordance with ÖNORM EN 442 ⁽²⁾ Estimated radiator output

MOSEL							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
1000 (956)	600	525	463	350	293	12,7	4,6
	750	809	711	535	446	18,9	6,6
1200 (1196)	600	642	566	426	356	15,9	5,7
	750	809	711	535	446	18,9	6,6
1400 (1436)	600	757	665	500	417	19,0	6,7
	750	955	840	633	529	22,6	7,9
	900	1156	1018	768	643	26,1	9,1
1700 (1676)	750	1100	969	731	611	26,2	9,2
	900	1336	1180	896	752	30,3	10,7

KASAI							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
1000 (1022)	600	407	355	262	217	10,6	4,4
	750	606	530	395	328	15,7	5,7
1300 (1262)	600	500	437	323	267	13,3	5,3
	750	606	530	395	328	15,7	5,7
1500 (1502)	600	591	516	383	317	16,0	6,1
	750	711	622	462	383	18,7	6,7
	900	843	738	549	455	21,6	7,6
1800 (1742)	750	822	718	532	440	21,7	7,7
	900	976	854	634	525	24,9	9,2

FATALA / FATALA Left-hand							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
800 (796)	500	368	323	243	203	8,8	3,8
	600	437	384	289	241	10,0	4,3
	750	538	473	356	297	11,9	5,0
1200 (1196)	500	535	469	352	293	12,9	5,9
	600	636	558	418	348	14,8	6,7
	750	786	690	517	430	17,6	8,0
1800 (1756)	500	733	641	476	394	19,2	8,0
	600	883	772	573	475	21,8	9,5
	750	1109	969	720	596	25,7	11,7

ARUN-T							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
1200 (1194)	500	721	628	464	382	20,8	9,4
	600	866	756	560	463	24,2	11,2
	750	1086	950	708	587	29,4	14,0
1800 (1754)	500	994	865	638	525	28,8	14,2
	600	1195	1043	771	637	34,9	16,6
	750	1498	1311	975	808	42,1	20,0
2200 (2154)	500	1164	1008	733	598	37,1	17,3
	600	1389	1202	874	714	43,3	20,4
	750	1728	1496	1087	888	52,5	25,1
	900	2062	1786	1298	1060	61,6	29,5

BAWA / BAWA-VM							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
800 (796)	500	340	299	225	187	7,7	3,6
	600	401	353	265	221	8,8	4,1
	750	491	432	324	271	10,5	4,9
1200 (1196)	500	531	466	348	290	11,8	5,4
	600	617	541	404	336	13,5	6,3
	750	740	649	485	403	16,1	7,7
1800 (1756)	500	717	626	464	384	16,9	8,1
	600	846	739	548	453	19,4	9,3
	750	1036	905	671	555	23,0	11,0
	900	1222	1068	791	654	26,7	12,7

BAWA-T VM							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
1200 (1194)	500	721	628	464	382	21,6	9,2
	600	866	756	560	463	25,0	10,9
	750	1086	950	708	587	30,1	13,3
1800 (1754)	500	994	865	638	525	30,8	13,1
	600	1195	1043	771	637	35,7	15,6
	750	1498	1311	975	808	43,1	19,3
	900	1804	1583	1184	985	50,5	23,0

GURA							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
1600 (1600)	504	770	670	492	404	15,4	7,5
	630	959	834	613	503	19,2	9,7
	756	1149	999	734	603	22,9	12,0
	882	1337	1163	854	702	26,7	12,4
1800 (1800)	504	863	751	552	455	17,2	7,8
	630	1075	935	688	566	21,4	10,6
	756	1286	1119	823	677	25,6	13,3
	882	1497	1303	958	788	29,8	16,1
2000 (2000)	504	952	830	612	504	19,0	8,2
	630	1186	1033	762	628	23,7	11,4
	756	1419	1236	911	750	28,3	14,7
	882	1651	1438	1059	872	33,0	18,0

GURA-T							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
1600 (1600)	504	1188	1028	747	609	29,4	15,5
	630	1471	1272	923	752	36,6	18,3
	756	1749	1512	1096	893	43,7	21,2
	882	2026	1751	1267	1032	50,9	22,7
1800 (1800)	504	1293	1119	811	662	33,0	17,6
	630	1599	1382	1000	815	41,1	20,2
	756	1901	1641	1185	964	49,1	22,7
	882	2200	1898	1368	1111	57,2	25,3
2000 (2000)	504	1388	1200	870	709	36,6	19,7
	630	1714	1480	1069	870	45,6	22,0
	756	2036	1756	1265	1027	54,5	24,3
	882	2355	2028	1456	1180	63,5	26,6

FATALA/FATALA Left-hand, electrical			BAWA Electrical			
Nominal height (overall height)	Overall length	Weight kg	Nominal height (overall height)	Overall length	Weight kg	
						[mm]
800 (796)	500	12,6	800 (796)	500	11,3	
				1200 (1196)	500	17,1
					600	19,7
1800 (1756)	600	31,1	1800 (1756)	600	28,5	

⁽¹⁾ Tested in accordance with ÖNORM EN 442

VELINO							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
1600 (1600)	510	691	602	444	365	13,5	6,5
	822	1105	963	709	584	21,6	10,4
	1030	1382	1204	887	731	27,0	13,0
1800 (1800)	510	771	671	494	407	15,0	7,7
	822	1232	1074	791	651	24,0	12,3
	1030	1541	1342	988	814	30,0	15,4
	1238	1849	1610	1186	977	35,8	18,5

LOKOLO							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
1200 (1239)	500	611	536	402	334	12,4	5,4
	605	747	655	491	408	14,5	6,2
1800 (1815)	500	905	794	593	493	18,7	8,2
	605	1107	970	725	603	21,9	8,8

CAVALLY / CAVALLY-VM							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
800 (796)	498	364	321	242	203	7,7	3,6
	596	437	385	291	243	8,8	4,1
	742	545	481	363	304	10,5	4,9
1200 (1196)	498	533	467	350	291	11,8	5,4
	596	641	563	423	353	13,5	6,3
	742	805	710	537	450	16,1	7,7
1800 (1756)	498	754	661	493	409	16,9	8,1
	596	908	798	598	499	19,4	9,3
	742	1141	1006	762	638	23,0	11,0
	887	1375	1218	930	783	26,7	12,7

FULDA							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
800 (758)	500	333	292	219	182	7,2	3,2
	600	390	342	256	213	8,2	3,7
	750	472	414	310	258	9,7	4,5
	900	552	484	363	302	11,2	5,3
1200 (1220)	500	509	446	333	276	11,1	5,2
	600	594	520	389	323	12,7	6,0
	750	719	630	471	391	15,0	7,1
	900	841	737	550	457	17,4	8,3
1800 (1766)	500	712	623	463	384	15,9	7,4
	600	835	731	543	450	18,2	8,5
	750	1015	888	660	547	21,7	10,1
	900	1191	1042	775	642	25,2	11,7

FULDA-VM							
Nominal height (overall height)	Overall length	Heating output ⁽¹⁾ in Watts, with				Weight kg	Water content l
		70/55/20 °C	70/55/24 °C	55/45/20 °C	55/45/24 °C		
[mm]	[mm]						
1200 (1220)	500	509	446	333	276	11,1	5,2
	600	594	520	389	323	12,7	6,0
	750	719	630	471	391	15,0	7,1
1800 (1766)	500	712	623	463	384	15,9	7,4
	600	835	731	543	450	18,2	8,5
	750	1015	888	660	547	21,7	10,1

FULDA Electrical		
Nominal height (overall height)	Overall length	Weight kg
[mm]	[mm]	[kg]
1200 (1220)	500	16,3
	600	18,6
1800 (1766)	600	26,6

⁽¹⁾ Tested in accordance with ÖNORM EN 442

Design radiator		
Item	Number	Description
		<p>VELINO</p> <p>Height: 1600 or 1800 mm Length: 510, 822, 1030 or 1238 mm Depth (wall clearance included): for an overall height of 1600 169–181 mm for an overall height of 1800 177–189 mm Connections: 3 x internal thread G 1/2, and 3 x internal thread G 1/4 (for vent and drain plugs)</p>
		<p>GURA GURA-T</p> <p>Height: 1600, 1800 or 2000 mm Length: 504, 630, 756 or 882 mm Depth (wall clearance included): with GURA 101–113 mm with GURA-T 116–128 mm Connections: 3 x internal thread G 1/2, and 3 x internal thread G 1/4 (for vent and drain plugs)</p>
		<p>LOKOLO</p> <p>Height: 1239 or 1815 mm Length: 500 or 605 mm Depth (wall clearance included): for an overall length of 500 195–207 mm for an overall length of 600 210–222 mm Connections: 2 x internal thread G 1/2", and 1 x internal thread G 1/4" (for vent plug)</p>
		<p>SEINE SEINE-V</p> <p>Height: 1250 or 1500 mm; length: 572 mm Height: 1600 or 1800 mm; length: 636 mm Depth (wall clearance included): 225–237 mm or 251–263 mm Connections SEINE: 3 x internal thread G 1/2, and 3 x internal thread G 1/4 (for vent and drain plugs) SEINE-V: 4 x internal thread G 1/2, and 2 x internal thread G 1/4 (for vent and drain plugs)</p>
		<p>CAVALLY CAVALLY-VM</p> <p>Height: 796, 1196 or 1756 mm Length: 498, 596, 742 or 887 mm Depth (wall clearance included): for an overall length of 498 .....119–131 mm for an overall length of 596 .....128–140 mm for an overall length of 742 .....146–158 mm for an overall length of 887 .....164–176 mm Connections CAVALLY: 2 x internal thread G 1/2, and 1 x internal thread G 1/4 (for vent plug) CAVALLY-VM: 2 x external thread G 3/4 (for valve connection set), and 2 x internal thread G 1/2, and 1 x internal thread G 1/4 (for vent plug)</p>
		<p>Model: Watts:</p>
		<p>Overall height: Number:</p>
		<p>Overall length:</p>

Design radiator

Item	Number	Description
		<p>BAWA Height: 796, 1196 or 1756 mm BAWA-VM Length: 500, 600, 750 or 900 mm Depth (wall clearance included): 97–109 mm Connections: BAWA: 2 x internal thread G 1/2, and 1 x internal thread G 1/4 (for vent plug) BAWA-VM: 2 x external thread G 3/4 (for valve connection set), and 2 x internal thread G 1/2, and 1 x internal thread G 1/4 (for vent plug)</p>
		<p>BAWA-T VM Height: 1194 or 1754 mm Length: 500, 600, 750 or 900 mm Depth (wall clearance included): 113–125 mm Connections: 2 x external thread G 3/4 (for valve connection set), and 4 x internal thread G 1/2</p>
		<p>ARUN-T Height: 1194, 1754 or 2154 mm Length: 500, 600, 750 or 900 mm Depth (wall clearance included): for an overall length of 500 544–556 mm for an overall length of 600 644–656 mm for an overall length of 750 794–806 mm for an overall length of 900 944–956 mm Connections: 5 x internal thread G 1/2", and 1 x internal thread G 1/2 (blind sleeve for floor fastening)</p>
		<p>FATALA Height: 796, 1196 or 1756 mm FATALA Length: 500, 600 or 750 mm LEFT HAND Depth (wall clearance included): 97–109 mm Connections: 2 x internal thread G 1/2", and 1 x internal thread G 1/4" (for vent plug)</p>
		<p>MOSEL Height: 956, 1196, 1436 or 1676 mm Length: 600, 750, 900 mm Depth (wall clearance included): 97–109 mm Connections: 2 x internal thread G 1/2", and 1 x internal thread G 1/4" (for vent plug)</p>
		<p>Model: Watts:</p>
		<p>Overall height: Number:</p>
		<p>Overall length:</p>

Design radiator		
Item	Number	Description
		<p>PTC-ELECTRIC HEATING ELEMENT Stainless steel, with thread G 1/2; self-adjusting: the temperature-dependent PTC-heating element automatically controls the water temperature in the radiator by changing the resistance. Wattage: 300, 600, or 900 watts at 60° C; transformer 230 volts; Design: with safety plug (IP 64), or with safety plug and switch (IP 40)</p>
		<p>VELINO ELECTRIC HEATING ELEMENT Stainless steel, with thread G 1/2"; with built-in thermostat and temperature-limiting switch. Wattage: 615 watts, transformer 230 volts; Design: with safety plug (IP 54), or with safety plug and switch (IP 40)</p>
		<p>ELECTRIC HEATING ELEMENT G 3/8 Stainless steel, with thread G 3/8; with built-in thermostat and temperature-limiting switch. Wattage: 300 or 600 watts, transformer 230 volts; Design: with safety plug (IP 54), or with safety plug and switch (IP 40)</p>
		<p>SPECIAL ADAPTER Chrome-plated T-piece, for the installation of an electric heating element for use with the BAWA, CAVALLY, FULDA, LOKOLO, MOSEL and FATALA Design radiator models (standard design)</p>
		<p>INFRAROT CONTROL UNIT To control room temperatures when using Design radiators. Clear LCD display with simultaneous indicators of room temperature, target temperature, operation mode and BOOST symbol. Option of installing the receiver, as a substitute for the traditional wall socket. Design: either as a package to include a PTC electric heating element set to the required heat output, or as a single component without PTC electric heating element.</p>
		<p>Model: Watts:</p>
		<p>Overall height: Number:</p>
		<p>Overall length:</p>

Design radiator

Item	Number	Description
		<p>OHIO OHIO VHM</p> <p>Pressure resistant welding design, consisting of: 1 or 2 laterally arranged (one-behind-the-other) and from 7 to 11 vertically arranged (one-above the other) water-carrying square steel pipes. Note: the coloured décor panel is not water-carrying. Height: 502, 574, or 790 mm Length: 800, 1000, 1200, 1400, or 1600 mm Connections: 2 x external thread G 3/4, bottom centre</p>
		<p>OHIO VSM</p> <p>1 or 2 lateral and 5 to 12 vertical, water-carrying square steel pipes (note: coloured décor panel is not water-carrying). Height: 1600, 1800, or 2000 mm Length: 358, 502, 646, or 862 mm Connections: 2 x external thread G 3/4, bottom centre</p> <p>Standard design: square steel pipes 70 x 11 x 1.5 mm High pressure design: square steel pipes 70 x 11 x 2.0 mm</p> <p>There is 2 mm clearance between the heating pipes to ensure higher resistance to corrosion. Coated with high-quality electrophoretic dip paint in accordance with DIN 55900 part 1, stoved at 165°C, finished with electrostatic powder coating in accordance with DIN 55900 part 2; standard radiator colour RAL 9016 or RAL 9007. Décor panel according to customer's choice from the colour chart, stoved at 180° C object temperature; OHIO VHM model equipped with built-in set of valves, for double-pipe operation, with a factory-installed valve element and protective cap. OHIO VSM model with enclosed angled connection, for double-pipe operation, and protective cap in matching radiator colour. OHIO Design radiators are generally delivered with factory-supplied side panels. The OHIO VHM model is additionally equipped with a top cover, in matching colour to the décor panel. Each OHIO design radiator comes with a drain plug and a pivotable vent plug (each OHIO VSM with an additional two dummy plugs), all of them factory-sealed. Performance in accordance with DIN EN 442, triple packaging (cardboard, edge protection and shrink foil).</p>
		<p>Model: Watts:</p>
		<p>Overall height: Number:</p>
		<p>Overall length:</p>

Design radiator

Item	Number	Description
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VOGEL&NOOT „New Collection“ Design radiators

These Design radiators are at once modern and fashionable, and at the same time ageless. They are steel-made from top-quality circular or flat precision heating- and assembly-pipes, connected by pressure resistant welding (no visible weld seams); all pipe ends are sealed by special friction welding. They are covered by means of high-quality decor elements, and available as valve model with central connection and integrated thermostat head, suitable for angled or through-flow connection. With the FLINTmodell, an angled connection set with a covering rosette in matching radiator colour are included. The maximum positive operating pressure is 10 bar, the test positive pressure is 13 bar, the maximum operating temperature is 110° C. With the MANO, SEWA and EDISTO models, the maximum positive operating pressure is 5 bar. Performance verification in accordance with DIN EN 442 and OENORM (Austrian standard) EN 442. Delivered with towel rail (MANO model: 1 mirror with an overall height of 1700 mm; FLINT model: delivered with decor bands but without a towel rail). Incl.: dummy plug and vent plug, and a wall mounting set matching the radiator colour, suitable for both horizontal and vertical radiator alignment. Double coating suitable for bathroom units, in accordance with DIN 55900, primed with top-quality electrophoretic coating, finished with electrostatic powder coating. On request also available in various decors, such as trendy wood- and marble-effect surfaces. It is possible to install an electric heating element (exception: the FLINT model).

Product family:









MANO	Height: 1471 or 1685 mm Length: 564 or 664 mm Depth (wall clearance included): 90 mm Surface styling: standard, elegance, trend decor, nature
SEWA	Height: 1471 or 1685 mm Length: 600 or 700 mm Depth (wall clearance included): 90 mm Surface styling: standard, elegance, trend decor, nature
EDISTO	Height: 1471 or 1685 mm Length: 564 or 664 mm Depth (wall clearance included): 125 mm Surface styling: standard, elegance, decor, trend decor
NERO	Height: 1003, 1403 or 1803 mm Length: 530 or 630 mm Depth (wall clearance included): 100–112 mm Surface styling: standard, elegance, decor, nature
ALIBORI	Height: 1003, 1403 or 1803 mm Length: 560 or 660 mm Depth (wall clearance included): 100–112 mm Surface styling: standard, elegance, decor, nature
FLINT	Height: 1515 or 1777 mm Length: 718 or 918 mm Depth (wall clearance included): 89–101 mm Surface styling: standard, elegance, chrome-plated, gold-plated









Model:	Watts:
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Overall height:	Number:
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Overall length:

Company	Date of delivery
Mr/Mrs	
Order-no.	From
Special agreement	
Delivery address	
In-house order-no.	

	ALIBORI standard	ALIBORI elegance	ALIBORI decor	ALIBORI nature
Model				
Overall size	 <input style="width: 100px; height: 20px;" type="text"/>	 <input style="width: 100px; height: 20px;" type="text"/>	 <input style="width: 100px; height: 20px;" type="text"/>	 <input style="width: 100px; height: 20px;" type="text"/>
Colour and decor Classification	<ol style="list-style-type: none"> 1 Radiator and main frame Traffic White, RAL 9016 2 Front panel Traffic White, RAL 9016 3 Decor frame and decor bands Grey Aluminium, RAL 9007 	<ol style="list-style-type: none"> 1 Radiator and main frame optional colour see colour chart <input style="width: 100px; height: 20px;" type="text"/> 2 Front panel optional colour see colour chart <input style="width: 100px; height: 20px;" type="text"/> 3 Decor frame and decor bands Chrome 	<p>Pattern optional decor see „decor“ range <input style="width: 100px; height: 20px; border: 1px solid red;" type="text" value="dec"/></p> <p>optional colour see colour chart <input style="width: 100px; height: 20px;" type="text"/></p> <ol style="list-style-type: none"> 1 Radiator and main frame <input style="width: 20px; height: 15px;" type="checkbox"/> Pattern-colour or <input style="width: 20px; height: 15px;" type="checkbox"/> Traffic W. RAL 9016 2 Front panel Traffic White, RAL 9016 3 Decor frame and decor bands Chrome 	<ol style="list-style-type: none"> 1 Radiator and main frame as well as 2 Front panel optional decor see “nature” range <input style="width: 100px; height: 20px; border: 1px solid red;" type="text" value="nat"/> 3 Decor frame and decor bands Chrome
	Number <input style="width: 50px; height: 20px;" type="text"/>	Number <input style="width: 50px; height: 20px;" type="text"/>	Number <input style="width: 50px; height: 20px;" type="text"/>	Number <input style="width: 50px; height: 20px;" type="text"/>









	NERO standard	NERO elegance	NERO decor	NERO nature
Model				
Overall size	 <input style="width: 100px; height: 20px;" type="text"/>	 <input style="width: 100px; height: 20px;" type="text"/>	 <input style="width: 100px; height: 20px;" type="text"/>	 <input style="width: 100px; height: 20px;" type="text"/>
Colour and decor Classification	<ol style="list-style-type: none"> 1 Radiator and main frame Traffic White, RAL 9016 2 Front panel Traffic White, RAL 9016 3 Decor frame and decor bands Grey Aluminium, RAL 9007 	<ol style="list-style-type: none"> 1 Radiator and main frame optional colour see colour chart <input style="width: 100px; height: 20px;" type="text"/> 2 Front panel optional colour see colour chart <input style="width: 100px; height: 20px;" type="text"/> 3 Decor frame and decor bands Chrome 	<p>Pattern optional decor see „decor“ range <input style="width: 100px; height: 20px; border: 1px solid red;" type="text" value="dec"/></p> <p>optional colour see colour chart <input style="width: 100px; height: 20px;" type="text"/></p> <ol style="list-style-type: none"> 1 Radiator and main frame <input style="width: 20px; height: 15px;" type="checkbox"/> Pattern-colour or <input style="width: 20px; height: 15px;" type="checkbox"/> Traffic W. RAL 9016 2 Front panel Traffic White, RAL 9016 3 Decor frame and decor bands Chrome 	<ol style="list-style-type: none"> 1 Radiator and main frame as well as 2 Front panel optional decor see “nature” range <input style="width: 100px; height: 20px; border: 1px solid red;" type="text" value="nat"/> 3 Decor frame and decor bands Chrome
	Number <input style="width: 50px; height: 20px;" type="text"/>	Number <input style="width: 50px; height: 20px;" type="text"/>	Number <input style="width: 50px; height: 20px;" type="text"/>	Number <input style="width: 50px; height: 20px;" type="text"/>

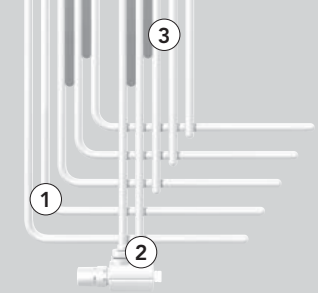
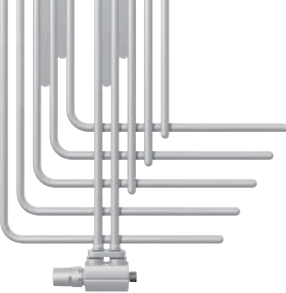
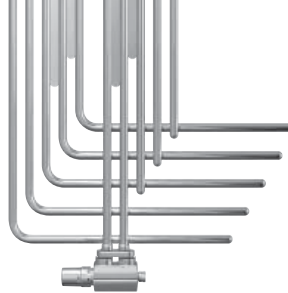
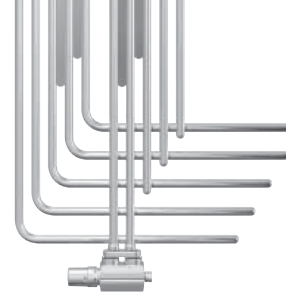




Company		Date of delivery	
Mr/Mrs			
Order-no.	From	Special agreement	
Delivery address			
In-house order-no.			

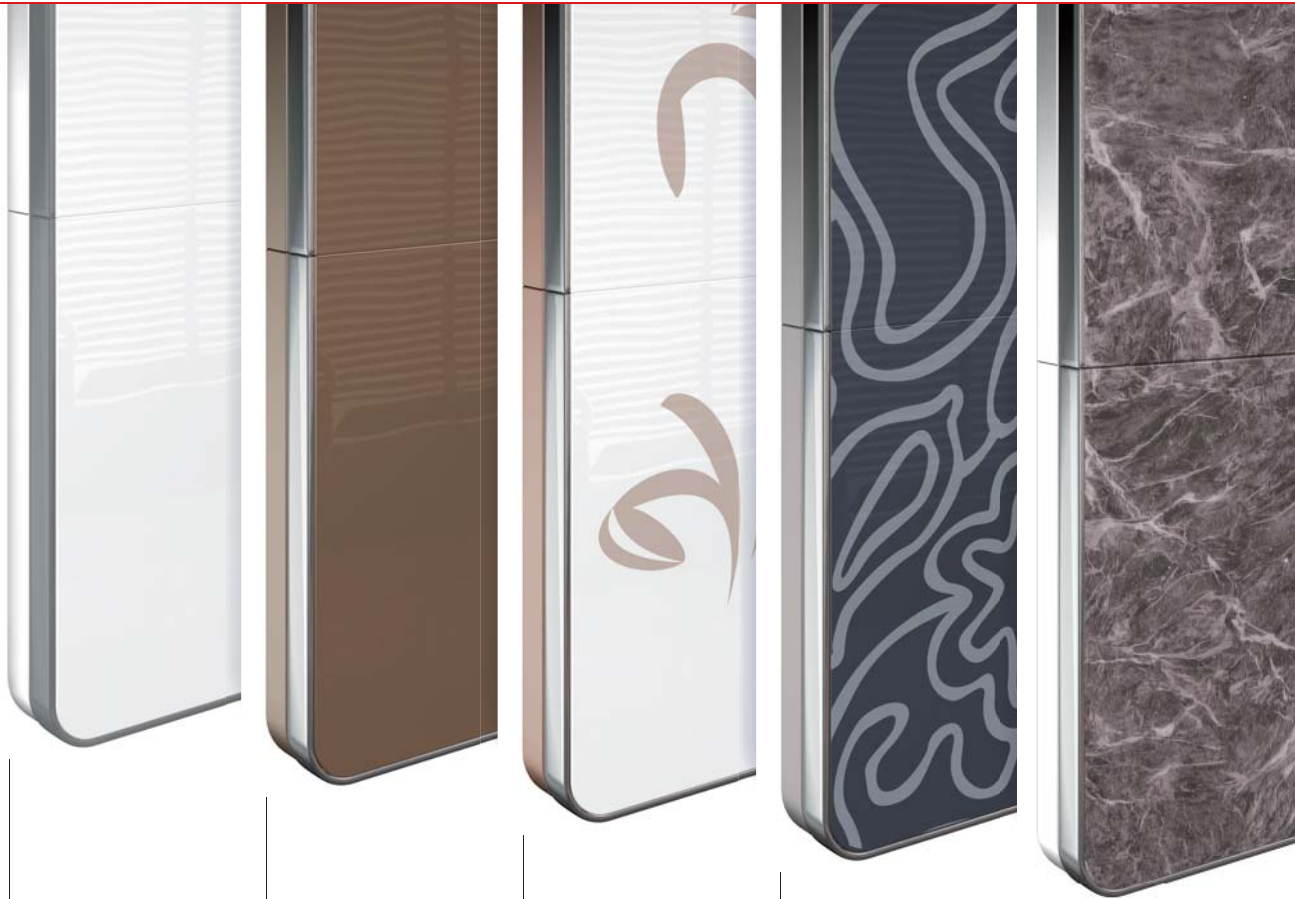
	SEWA standard	SEWA elegance	SEWA decor	SEWA trend decor
Model				
Overall size	<input style="border: 1px solid red;" type="text"/>	<input style="border: 1px solid red;" type="text"/>	<input style="border: 1px solid red;" type="text"/>	<input style="border: 1px solid red;" type="text"/>
Colour and decor Classification	<ol style="list-style-type: none"> ① Radiator Grey Aluminium, RAL 9007 ② Frontpanel Traffic White, RAL 9016 ③ Towel rail, in centre Traffic White, RAL 9016 ④ Towel rail, at the top and bottom Traffic White, RAL 9016 	<ol style="list-style-type: none"> ① Radiator optional colour see colour chart <input style="border: 1px solid red;" type="text"/> ② Front panel optional colour see colour chart <input style="border: 1px solid red;" type="text"/> ③ Towel rail, in centre optional colour see colour chart <input style="border: 1px solid red;" type="text"/> ④ Towel rail, at the top and bottom Same colour as Radiator 	<ol style="list-style-type: none"> ① Radiator optional colour see colour chart <input style="border: 1px solid red;" type="text"/> ② Front panel Traffic White, RAL 9016 with a pattern matching the radiator colour <input style="border: 1px solid red;" type="text" value="dec"/> ③ Towel rail, in centre Traffic White, RAL 9016 ④ Towel rail, at the top and bottom Same colour as Radiator 	<ol style="list-style-type: none"> ① to ④ Radiator, Front panel, Towel rail, in centre, as well as Towel rail, at the top and bottom optional decor see „trend decor“ range <input style="border: 1px solid red;" type="text" value="tre"/>
	Number <input style="border: 1px solid red;" type="text"/>	Number <input style="border: 1px solid red;" type="text"/>	Number <input style="border: 1px solid red;" type="text"/>	Number <input style="border: 1px solid red;" type="text"/>

	MANO standard	MANO elegance	MANO trend decor	MANO nature
Model				
Overall size	<input style="border: 1px solid red;" type="text"/>	<input style="border: 1px solid red;" type="text"/>	<input style="border: 1px solid red;" type="text"/>	<input style="border: 1px solid red;" type="text"/>
Colour and decor Classification	<ol style="list-style-type: none"> ① Radiator Grey Aluminium, RAL 9007 ② Front panel Traffic White, RAL 9016 ③ Towel rail, with a skirting board Grey Aluminium, RAL 9007 ④ Mirror frame (only with overall height of 1700) Grey Aluminium, RAL 9007 	<ol style="list-style-type: none"> ① Radiator optional colour see colour chart <input style="border: 1px solid red;" type="text"/> ② Front panel optional colour see colour chart <input style="border: 1px solid red;" type="text"/> ③ Towel rail, with a skirting board Chrome ④ Mirror frame (only with overall height of 1700) Chrome 	<ol style="list-style-type: none"> ① Radiator as well as ② Front panel optional decor see „trend decor“ range <input style="border: 1px solid red;" type="text" value="tre"/> ③ Towel rail, with a skirting board Chrome ④ Mirror frame (only with overall height of 1700) Chrome 	<ol style="list-style-type: none"> ① Radiator as well as ② Front panel optional decor see „nature“ range <input style="border: 1px solid red;" type="text" value="nat"/> ③ Towel rail, with a skirting board Chrome ④ Mirror frame (only with overall height of 1700) Chrome
	Number <input style="border: 1px solid red;" type="text"/>	Number <input style="border: 1px solid red;" type="text"/>	Number <input style="border: 1px solid red;" type="text"/>	Number <input style="border: 1px solid red;" type="text"/>

Company	Date of delivery
Mr/Mrs	
Order-no.	From
Special agreement	
Delivery address	
In-house order-no.	

	EDISTO standard	EDISTO elegance	EDISTO decor	EDISTO trend decor
Model				
Overall size				
Colour and decor Classification	<ul style="list-style-type: none"> ① Radiator Grey Aluminium, RAL 9007 ② Decor frame Traffic White, RAL 9016 ③ Front panel Traffic White, RAL 9016 ④ Towel rail Grey Aluminium, RAL 9007 ⑤ skirting board Traffic White, RAL 9016 	<ul style="list-style-type: none"> ① Radiator optional colour see colour chart <input style="width: 100px; height: 20px;" type="text"/> ② Decor frame Grey Aluminium, RAL 9007 ③ Front panel same colour as radiator ④ Towel rail Chrome ⑤ skirting board same colour as radiator 	<ul style="list-style-type: none"> ① Radiator optional colour see colour chart <input style="width: 100px; height: 20px;" type="text"/> ② Decor frame Traffic White, RAL 9016 ③ Front panel Traffic White, RAL 9016 with a pattern matching the radiator colour <input style="width: 100px; height: 20px; border: 1px solid red;" type="text" value="dec"/> ④ Towel rail Chrome ⑤ skirting board same colour as radiator 	<ul style="list-style-type: none"> ① ② ③ ⑤ Radiator, Decor frame, Front panel, as well as skirting board optional decor see „trend decor“ range <input style="width: 100px; height: 20px; border: 1px solid red;" type="text" value="tre"/> ④ Towel rail Chrome
	Number <input style="width: 50px;" type="text"/>	Number <input style="width: 50px;" type="text"/>	Number <input style="width: 50px;" type="text"/>	Number <input style="width: 50px;" type="text"/>

	FLINT standard	FLINT elegance	FLINT chrom	FLINT gold
Model				
Overall size				
Colour and decor Classification	<ul style="list-style-type: none"> ① Radiator Traffic White, RAL 9016 ② Valve cover Traffic White, RAL 9016 ③ Decor bands Grey Aluminium, RAL 9007 	<ul style="list-style-type: none"> ① Radiator optional colour see colour chart <input style="width: 100px; height: 20px;" type="text"/> ② Valve cover same colour as radiator ③ Decor bands optional colour see colour chart or Chrome <input style="width: 100px; height: 20px;" type="text"/> 	<ul style="list-style-type: none"> ① Radiator Chrom ② Valve cover Chrom ③ Decor bands optional colour see colour chart, Chrome or Gold <input style="width: 100px; height: 20px;" type="text"/> 	<ul style="list-style-type: none"> ① Radiator Gold ② Valve cover Gold ③ Decor bands optional colour see colour chart, Chrome or Gold <input style="width: 100px; height: 20px;" type="text"/>
	Number <input style="width: 50px;" type="text"/>	Number <input style="width: 50px;" type="text"/>	Number <input style="width: 50px;" type="text"/>	Number <input style="width: 50px;" type="text"/>



	standard	elegance	decor	trend decor	nature
ALIBORI	•	•	•		•
NERO	•	•	•		•
SEWA	•	•	•	•	
MANO	•	•		•	•
EDISTO	•	•	•	•	

Features	White	colour	decor on White	special design	nature-look
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Style & Styling.

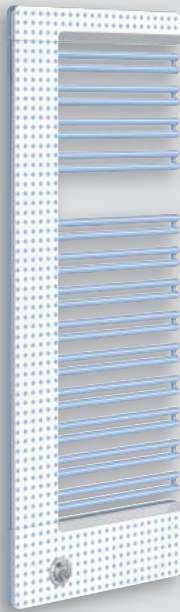
All the patterns in the range „dec 001“ to „dec 020“ are available on request in the colours indicated in the colour chart. The radiator colour corresponds to the colour of the pattern; the front panel is always white.

decor

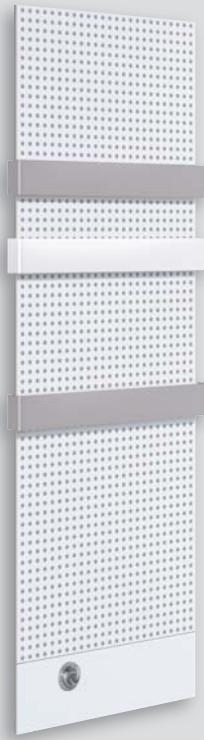
Example: ALIBORI decor • dec 002 • VNF 1901 Anemone



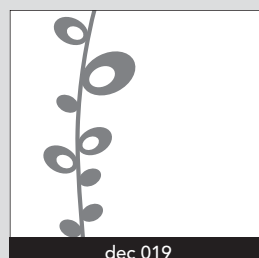
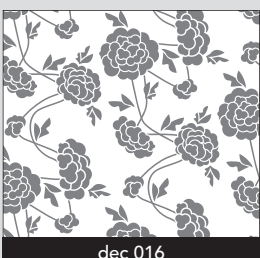
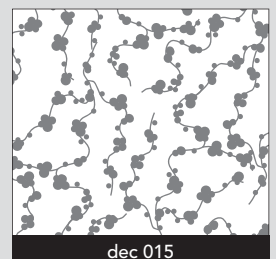
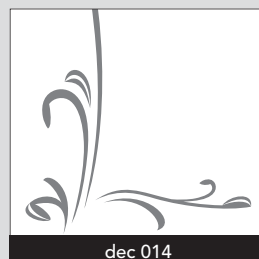
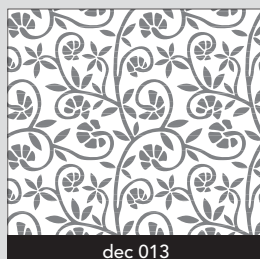
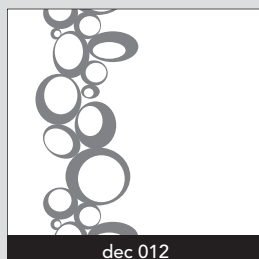
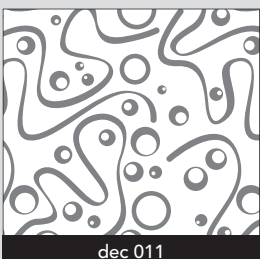
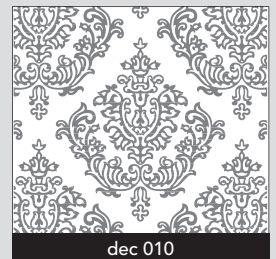
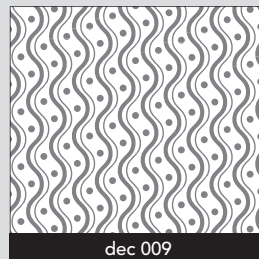
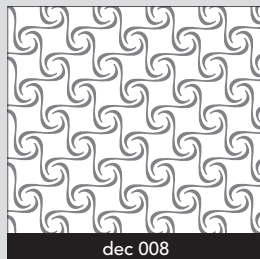
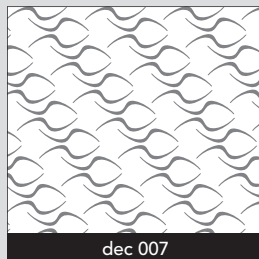
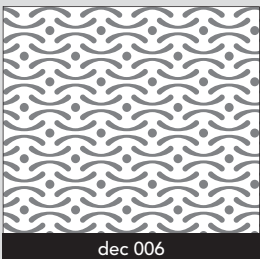
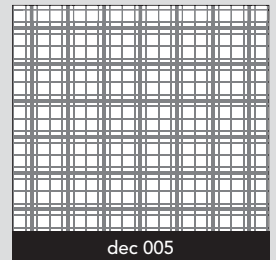
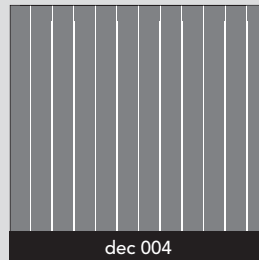
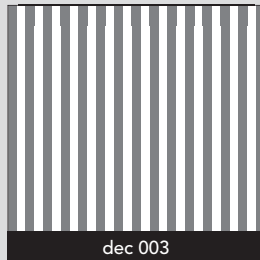
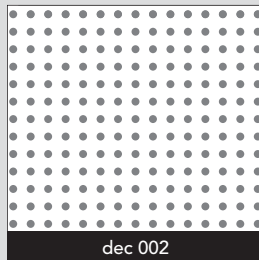
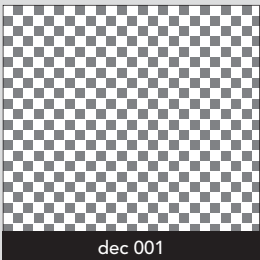
Example: NERO decor • dec 002 • VNF 5902 Key West



Example: SEWA decor • dec 002 • VNF 7902 Manhattan



Example: EDISTO decor • dec 002 • VNF 6904 Greenwich

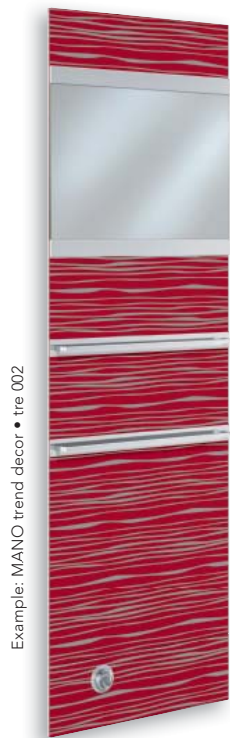


The Styling options in the range „tre 001“ to „tre 036“ are specially selected designs. They are available only in the colour combinations indicated.

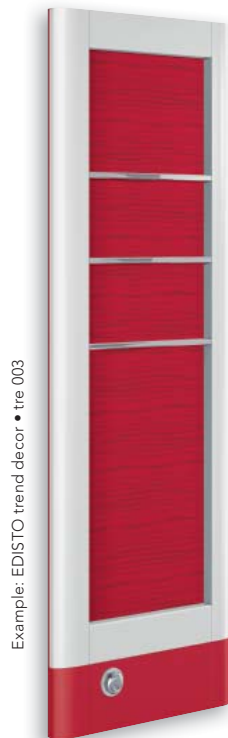
trend decor



Example: SEWA trend decor • tre 001



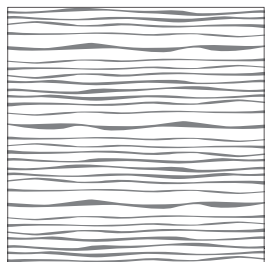
Example: MANO trend decor • tre 002



Example: EDISTO trend decor • tre 003



Example: SEWA trend decor • tre 004



Main colour:
RAL 3005
Claret
Decor colour 1:
RAL 9017
Traffic Black
Decor colour 2:
RAL 9007
Grey Aluminium

tre 001

Main colour:
RAL 3003
Ruby
Decor colour 1:
RAL 9007
Grey Aluminium
Decor colour 2:
RAL 9016
Traffic White

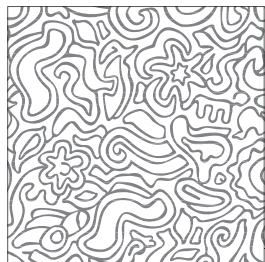
tre 002

Main colour:
RAL 3000
Blazing Red
Decor colour 1:
RAL 7047
Tele Grey
Decor colour 2:
RAL 3003
Ruby

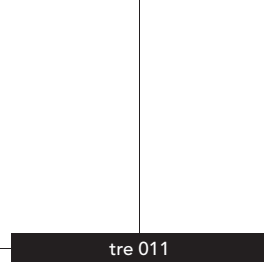
tre 003

Main colour:
RAL 7015
Slate Grey
Decor colour 1:
RAL 9017
Traffic Black
Decor colour 2:
RAL 9007
Grey Aluminium

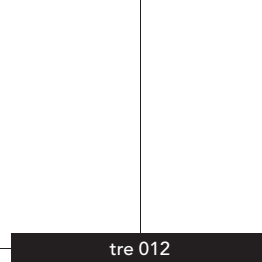
tre 004



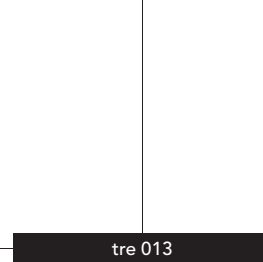
tre 010



tre 011



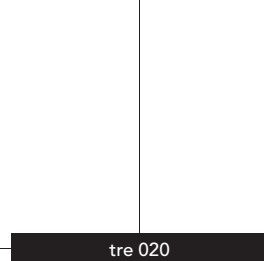
tre 012



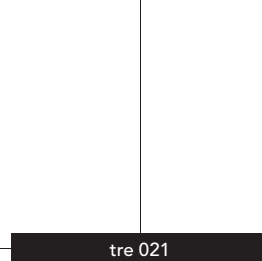
tre 013



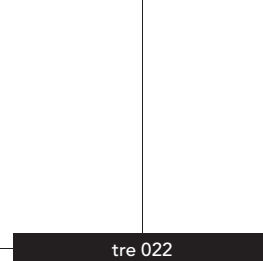
tre 019



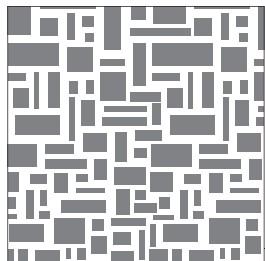
tre 020



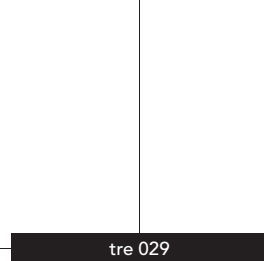
tre 021



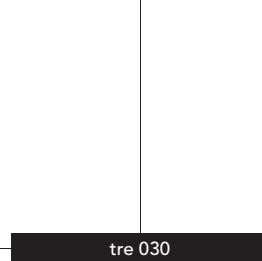
tre 022



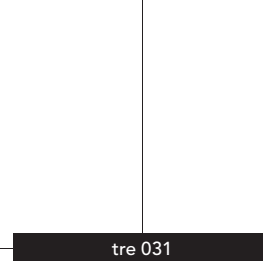
tre 028



tre 029



tre 030



tre 031

Example: MANO trend decor • tre 005



Main colour: RAL 7035 Light Grey	Decor colour 1: RAL 9016 Traffic White	Decor colour 2: RAL 9007 Grey Aluminium
--	--	---

tre 005

Example: EDISTO trend decor • tre 006



Main colour: RAL 7016 Anthracite	Decor colour 1: VNF 6903 Crocus	Decor colour 2: RAL 9007 Grey Aluminium
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tre 006

Example: SEWA trend decor • tre 007



Main colour: RAL 050 40 20 Cocoa	Decor colour 1: RAL 9017 Traffic Black	Decor colour 2: RAL 9007 Grey Aluminium
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tre 007

Example: MANO trend decor • tre 008



Main colour: RAL 050 40 20 Cocoa	Decor colour 1: RAL 060 60 20 Cappuccino	Decor colour 2: RAL 9016 Traffic White
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tre 008

Example: EDISTO trend decor • tre 009



Main colour: VNF 1901 Anemone	Decor colour 1: VNF 1904 Pergamon	Decor colour 2: RAL 050 60 30 Terracotta
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tre 009

tre 014

tre 015

tre 016

tre 017

tre 018

tre 023

tre 024

tre 025

tre 026

tre 027

tre 032

tre 033

tre 034

tre 035

tre 036

The Styling options in the range „nat 001“ to „nat 012“ are selected design combinations. Appropriate radiator colours have been allocated to each „nature“ front panel.

nature

Example: ALIBORI nature • nat.001



Example: NERO nature • nat.003



Example: MANO nat 002



Example: MANO nat 012



Marble

Marble
Perlato Royal
Radiator colour:
RAL 060 60 20, Cappuccino

nat 001

Marble
Mancervetto
Radiator colour:
RAL 9007, Grey Aluminium

nat 002

Cherry Tree

Cherry Tree
Cocoa
Radiator colour:
RAL 8017, Chocolate

nat 003

Cherry Tree
Sunset
Radiator colour:
RAL 9017, Traffic Black

nat 004

Cherry Tree
Blackberry
Radiator colour:
RAL 7015, Slate Grey

nat 005

Palisandre

Palisandre
Coffee
Radiator colour:
RAL 060 60 20, Cappuccino

nat 006

Palisandre
Rio
Radiator colour:
RAL 9017, Traffic Black

nat 007

Palisandre
Rubin
Radiator colour:
RAL 3003, Ruby

nat 008

Burl Wood

Burl Wood
Antique Gold
Radiator colour:
RAL 1001, Beige

nat 009

Burl Wood
Titanium Silver
Radiator colour:
RAL 9007, Grey Aluminium

nat 010

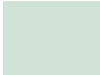




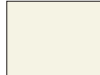
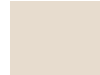







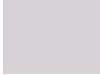
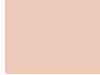
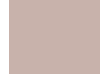




Burl Wood
Anthracite
Radiator colour:
RAL 7016, Anthracite

nat 011

Burl Wood
Cherry
Radiator colour:
RAL 3005, Claret

nat 012

Sanitary-ware colours.

RAL colours.

Metallic colours.

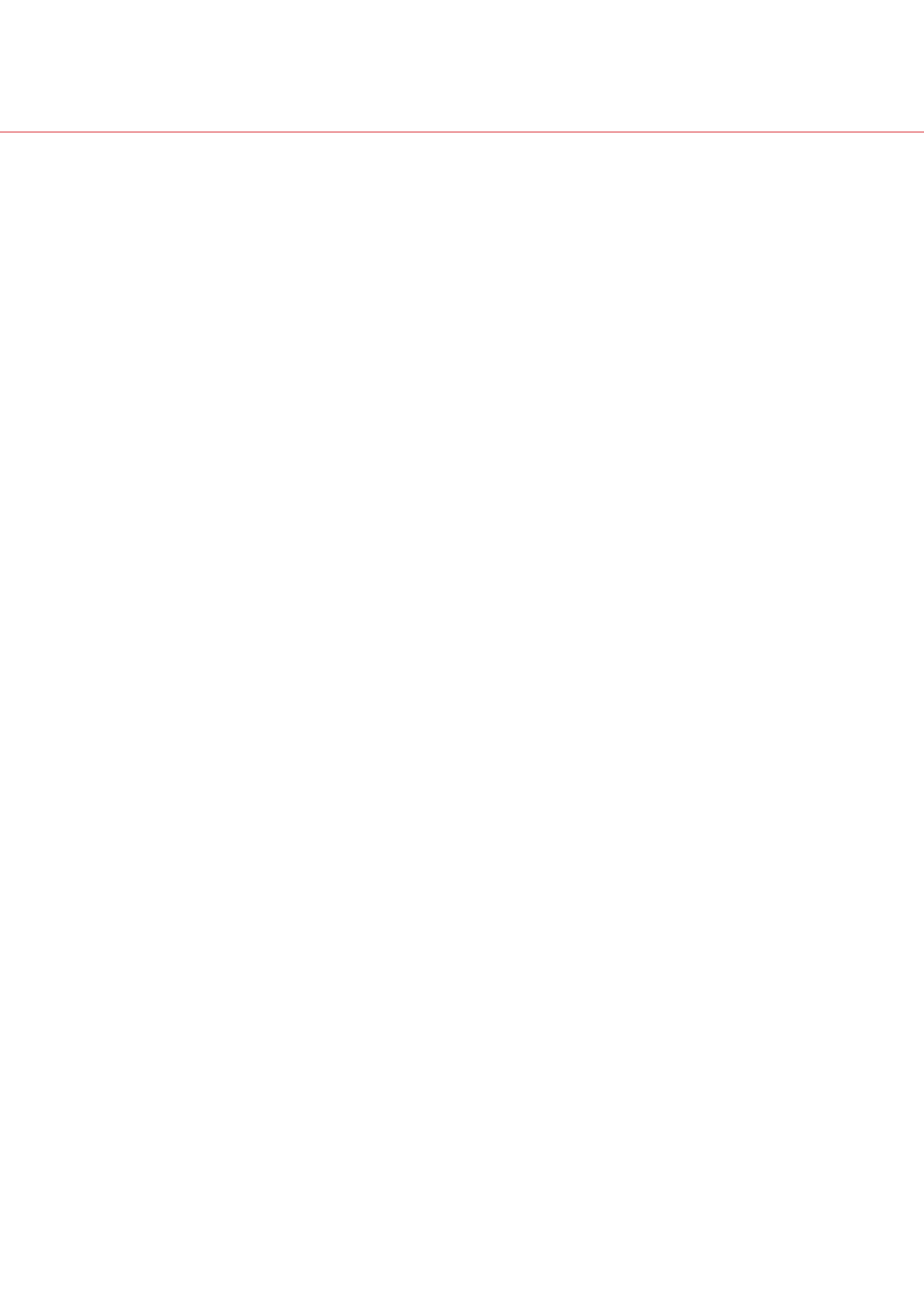
Metal surface finish.

	
Chrome*	Gold*

* Chrome and gold finishes are available only for models **FLINT, SEINE, FULDA** (up to an OL of 750 mm), :

On request the **MANO, NERO, SEWA, EDISTO** and **ALIBORI** models are also available in various decors, as well as in trend wood-effect and marble-effect. Go to „STYLE & STYLING“ in order to find out more about the wide range of options.

The colours shown here are not binding. Chromatic aberrations are possible due to typographic reasons. Additional colours are available on request!





heatingthrough**innovation.**