Electric SPIRALIX

Finned tube radiators with a heating unit

This popular industrial style of heating is increasingly finding its way into new modern houses. While electrical connection allows for independent heating, its shape lends each unit a touch of uniqueness. A variety of shades selected from the colour chart produce an original look accentuated by the use of metallic or structured colours for example.

Range of products and basic data

|	
- models	RA1, RAT2, RAO2
- tube/fin diameter	Ø57/137 mm
- tube/fin diameter	Ø76/156 mm
- design	vertical/horizontal
- power	200 to 1200 W
- length	500 - 2000 mm, step 250 mm as per the colour chart
- colour	wall
- vertical mounting	floor and wall
- horizontal mounting	

Applications

- administrative building entry halls
- new housing developments
- technically designed interiors
- hotels, restaurants, quest houses
- churches, homesteads, country houses
- technical and farm buildings
- airports, train stations, military quarters
- corridors

Product range

Vertical models

Horizontal models
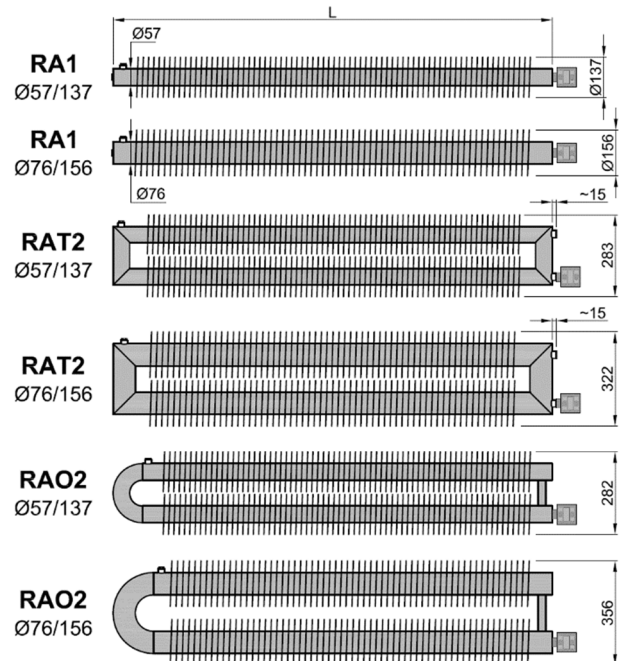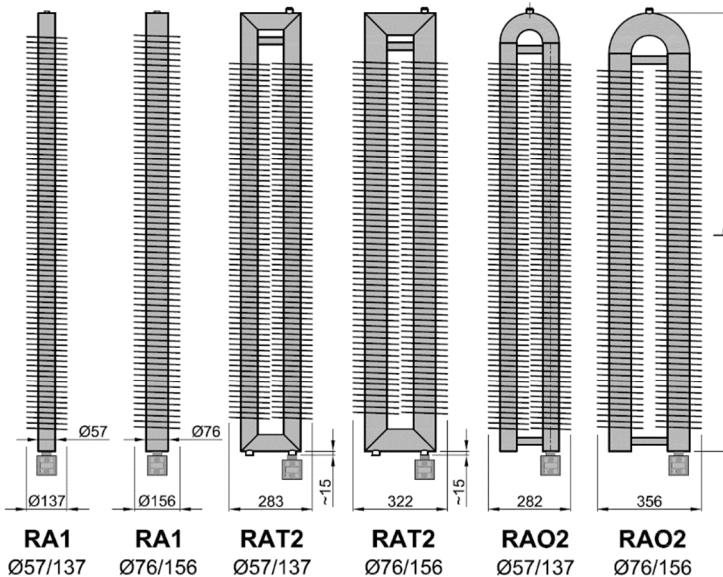
Max. recommended power input [W]

Vertical models

Model	Dimension [mm]	Length L = 500 mm	750 mm	1000 mm	1250 mm	1500 mm	1750 mm	2000 mm
RA1	Ø57 x 137	200 W	200 W	300 W	300 W	400 W	400 W	500 W
RA1	Ø76 x 156	200 W	200 W	300 W	300 W	400 W	500 W	600 W
RAT2, RAO2	Ø57 x 137	200 W	300 W	400 W	500 W	600 W	700 W	800 W
RAT2, RAO2	Ø76 x 156	200 W	400 W	500 W	600 W	700 W	900 W	1 000 W

Horizontal models

Model	Dimension [mm]	Length L = 500 mm	750 mm	1000 mm	1250 mm	1500 mm	1750 mm	2000 mm
RA1	Ø57 x 137	200 W	300 W	400 W	400 W	500 W	600 W	700 W
RA1	Ø76 x 156	200 W	300 W	400 W	500 W	600 W	700 W	800 W
RAT2, RAO2	Ø57 x 137	300 W	400 W	600 W	700 W	900 W	1 000 W	1 200 W
RAT2, RAO2	Ø76 x 156	300 W	500 W	700 W	900 W	1 000 W	1 200 W	1 200 W

* if a rod with the specified power is not available for the selected type of regulation, the nearest lower input power is installed.

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Finned tube radiators with a heating unit

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Stone regulator, Spiralix RAT2 Ø 76/156

Regulators with the Nexus system

nexus easy connect

Solo

· basic regulator with Nexus system designed for electric dryers
· control by touch buttons
· operating modes (timer, boost, antifreeze)

Rio

· stylish regulator with Nexus system for electric radiators
· easy-to-read backlit LCD display
· operating modes (timer, boost, antifreeze)
· Wi-Fi option for remote control of the regulator

Neo

· stylish regulator with Nexus system for electric radiators
· tilted backlit LCD display for easy operation
· operating modes (ECO, weekly program, open window detection)
· Wi-Fi option for remote control of the regulator

Coding example

Spiralix type			Tube diameter			Length				Mounting	Electric	Colour code		Atypical
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Z	-	1	0	7	6	1	5	0	0	V	M	0	1	-
Z	O	2	0	5	7	0	9	0	0	W	Z	0	1	N

Spiralix type:
position 1–3

RA1	code **Z-1**
RAT2	code **ZT2**
RAO2	code **ZO2**

Pipe diameter:
position 4–6

Ø 57/137	code **057**
Ø 76/156	code **076**

Length:
position 7–10

0500, 0750, 1000, 1250,
1500, 1750, 2000

Mounting:
position 11

vertical on wall	code **V**
horizontal on wall	code **W**
horizontal on wall	code **F**

Electric:
position 12

basic heating rod	code **Z**
Mini PW regulator	code **M**
KTX3 regulator	code **K**
Stone regulator	code **U**

Colour:
position 13-14

colour chart e.g.: code **01** (snow white)
code **61** (anthracite)

Atypical:
position 15

standard design   code **-**
atypical design   code **N**

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www.laurens-radiatoren.com

Spiralix **Electro**

Electricity is ubiquitous, offering us far more options as to the placement of the "helix". **Spiralix** Electro is a stand-alone heating unit connected to the mains. Common installation locations include hallways, dressing rooms, garages, workshops, restaurant central pillars, underneath waiting room benches, basically anywhere electricity is available. The distinctive industrial design will add a touch of originality to your interior, while the wide range of available colours will allow you to stylishly incorporate the radiator into the surrounding space. It can be ordered with or without a controller to be connected to your own SMART system.
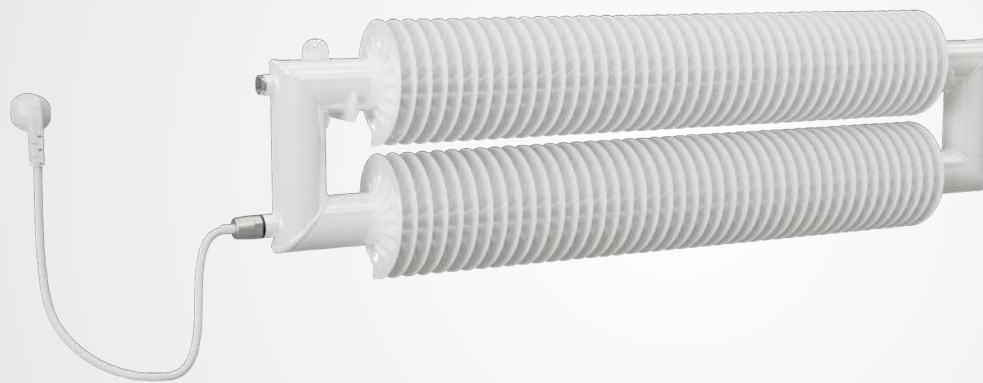
△ Spiralix
RAT2-W

△ Spiralix
RA1-V

Basic specifications

Material	strip steel coiled on a thick-walled steel pipe, filled with operating fluid and fitted with a heating rod
Models	RA1, RAT2, RAO2
Tube × fin diameter	Ø57×137 mm, Ø76×56 mm
Length	**500–2 000 mm** (in step 250 mm)
Horizontal mounting	floor and wall
Vertical mounting	wall
Base colour	snow white RAL 9016 (colour code - 01)
Additional colours	as per Laurens and the basic RAL colour charts

Operating conditions

Operating voltage	230 V AC, 50/60 Hz
Protection	IPX4
Control / regulation	thermostat, regulator or basic without control
Ambient conditions	ambient temperature +2 to +40 °C relative humidity 20-70%

Control

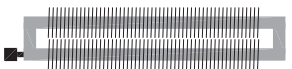|	
Rio, Neo, Vision	LCD thermostat with weekly programming
Solo, Mini PW	radiator power regulator
Basic Z heating rod	heating rod without regulation

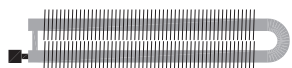# Electricity takes the leading role

△ Spiralix
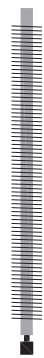RAO2-F

Horizontal models
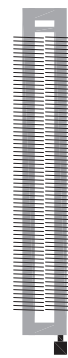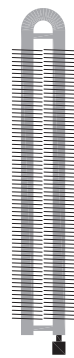

RA1

RAT2

RAO2

Vertical models

RA1

RAT2

RAO2

Spiralix **Electro heating output**

The heating output of electric **Spiralix** units is determined by the power input of the heating rod.

Max. recommended power input [W]

Vertical models

Type	Model	Length [mm] / Max. recommended power input [W]						
		500	750	1000	1250	1500	1750	2000
RA1	Ø57x137	200	200	300	300	400	400	500
RA1	Ø76x156	200	200	300	300	400	500	600
RAT2, RAO2	Ø57x137	200	300	400	500	600	700	800
RAT2, RAO2	Ø76x156	200	400	500	600	700	900	1000

Horizontal models

Type	Model	Length [mm] / Max. recommended power input [W]						
		500	750	1000	1250	1500	1750	2000
RA1	Ø57x137	200	300	400	400	500	600	700
RA1	Ø76x156	200	300	400	500	600	700	800
RAT2, RAO2	Ø57x137	300	400	600	700	900	1000	1200
RAT2, RAO2	Ø76x156	300	500	700	900	1000	1200	1200

Note: if a rod with the specified power is not available for the selected type of regulation, the nearest lower input power is installed.
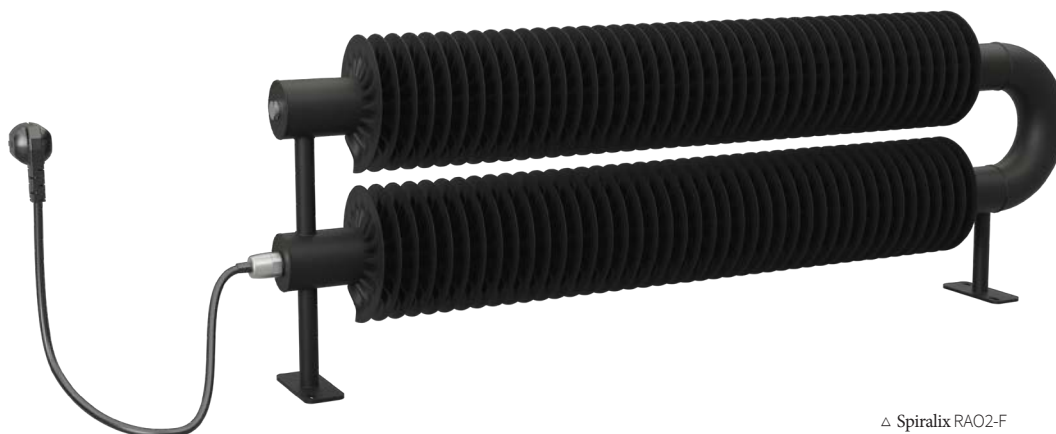

△ Spiralix RAO2-F
Electro

Regulators

Regulators with Nexus system

The innovative heating rod - regulator connection facilitates the replacement of the existing regulator for a new one with a different design or improved functions. Our range includes basic regulators, regulators with advanced functions or Wi-Fi connectivity.

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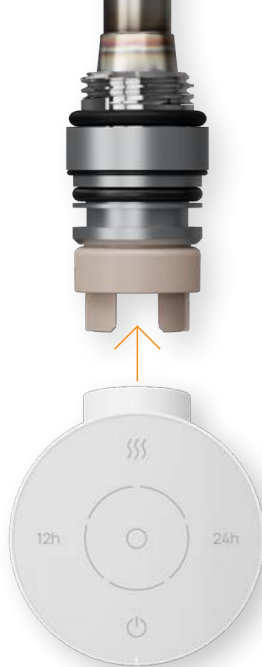
NEW PRODUCT

Benefits

Nexus system heating rod compatibility with any Nexus regulator

quick and easy installation*

*Installation may only be performed by qualified persons

Solo

A basic regulator with Nexus system designed for electric dryers controlled by touch buttons. It supports various operating modes, including timer, boost and antifreeze. The timer activates the heating function every 12 or 24 hours.

Order code: O30-1S000G01-01_EN   Order code: O30-1S000G80-01_EN

Rio

A stylish regulator with Nexus system for electric radiators with an easy-to-read backlit LCD display and intuitive control. Its shape lends itself to being used with all designer radiators. Operating modes such as ECO, weekly programming, open window detection and a built-in temperature sensor help reduce heating costs. Available in a WIFI version that allows the regulator to be controlled using a mobile app.

Order code: O30-1S000Q01-01_EN   Order code: O30-1S000Q80-01_EN
Order code: O30-1S000F01-01_EN (WIFI)   Order code: O30-1S000F80-01_EN (WIFI)

Technical data

Operating modes	
· timer 12 h and timer 24 h	· antifreeze
· manual	· lock screen
· stand- by	· factory reset
· boost	
Power range	5 levels adjustable by settings based on electric heating element power capacity
Installation (vertical models)	on the right side (on the left side - must be specified in the order)
Connection system	Nexus
Connection	straight 120 cm electric cable terminated with a plug
Display type	capacitive touchscreen interface
Colour of display	white/black
Colour of regulator	chrome/white
Protection zone	2 and 3
Available heating rods	200 W–1 200 W
Dimensions	61.5 × 70 × 50 mm
Power supply	230 V/ 50 Hz
Protection category	I
Degree of protection	IPX4
Working temperature	0°–40°C
Max humidity level	RH 85% at 25°C (without condensation)

Technical data

Operating modes	
· comfort	· antifreeze
· ECO	· boost
· weekly program	· keyboard lock
· open window detection	· factory reset
Temperature range of room	+7°C to +25°C
Installation (vertical models)	on the right side (on the left side - must be specified in the order)
Connection system	Nexus
Connection	straight 120 cm electric cable terminated with a plug
Display type	LCD with backlit
Colour of regulator	white/chrome
Protection zone	2 and 3
Available heating rods	200 W–1200 W
Dimensions	61.5 × 70 × 50 mm
Power supply	230 V/ 50 Hz
Protection category	I
Degree of protection	IPX4
Working temperature	0°–40°C
Max humidity level	RH 85% at 25°C (without condensation)
WIFI connection	available WIFI version

Neo

A stylish regulator with Nexus system for electric radiators with an easy-to-read backlit LCD display and intuitive control. The tilt of the display improves its readability and facilitates operation. Operating modes such as ECO, weekly programming, open window detection and a built-in temperature sensor help reduce heating costs. Available in a WIFI version that allows the regulator to be controlled using a mobile app.

Order code: O30-1S000Y01-01_EN
Order code: O30-1S000X01-01_EN (WIFI)

Order code: O30-1S000Y80-01_EN
Order code: O30-1S000X80-01_EN (WIFI)

Technical data

Operating modes			
· comfort	· antifreeze	Display type	LCD with backlit
· ECO	· boost	Colour of regulator	white/chrome
· weekly program	· keyboard lock	Protection zone	2 and 3
· open window detection	· factory reset	Available heating rods	200 W–1 200 W
Temperature range of room	+7°C to +25°C	Dimensions	140 × 66 × 60 mm
Working temperature	0°–40°C	Power supply	230 V/ 50 Hz
Installation (vertical models)	on the right side	Protection category	I
Connection system	Nexus	Degree of protection	IPX4
Connection	straight 120 cm electric cable terminated with a plug	Max humidity level	RH 85% at 25°C (without condensation)
		WIFI connection	available WIFI version

Other regulators

Z heating rod

Z heating rod, without a regulator. Standard right lower flow pipe installation. Left-side installation requirement must be specified in the order.

NEW PRODUCT

Technical data

Working voltage	230 V/50 Hz
Protection category	I
Degree of protection	IP44
Installation (vertical models)	on the right side (on the left - must be specified in the order)
Connection thread	G 1/2" outer
Connection	coiled 120 cm electric cable terminated with a plug
Colour of cable	white/black

Mini PW

A basic regulator with a dial for controlling the dryer output at a scale of 20 to 100% of the rated output. In the min. position the regulator is OFF, while in the max. position it remains constantly ON.

Technical data

Working voltage	230 V/50 Hz
Protection category	I
Degree of protection	IPX4
Working temperature	0–50 °C
Working humidity	0–85 % (without condensation)
Power range	20-100 % of the nominal output of towel dryer
Installation (vertical models)	on the right side (on the left side - must be specified in the order)
Connection thread	G 1/2" outer (on the heating rod)
Connection	straight 120 cm electric cable terminated with a plug
Colour of regulator	white/chrome
Colour of cable	white/grey
Protection zone	2 and 3
Available heating rods	200 W–1 200 W
Dimensions	65 × 75 × 40 mm

Vision

ECO

NEW PRODUCT

A programmable electrical regulator with a large TFT display. The tilt angle of the display improves its readability and facilitates control. The regulator can be controlled manually or via the Tevolve app from anywhere with Internet access. Operating modes such as ECO, hourly programming or open window detection help cut down on heating costs.

Gateway

· electric heating controller
· multiple unit control
· energy saving

WORKS WITH **alexa**

Google Assistant

Technical data

Operating modes	
· comfort	· antifreeze
· ECO	· boost
· weekly program	· keyboard lock
· open window detection	· factory reset
· manual	

Communication radio frequency	868 MHz
Installation	on the right side
Connection thread	G1/2" outer (on the heating rod)
Connection	straight 120 cm electric cable terminated with a plug

Display type	TFT display with backlit
Colour of regulator	white / black
Protection zone	2 and 3
Available heating rods	200–1 200 W
Dimensions	150 × 70 × 38 mm
Power supply	230 V / 50 HZ
Protection category	I
Degree of protection	IP44
Working temperature	0°–40°C

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