



The Electric Residential Line

Baseboards, Wall Panels & Towel Radiators



Runtal Electric Products

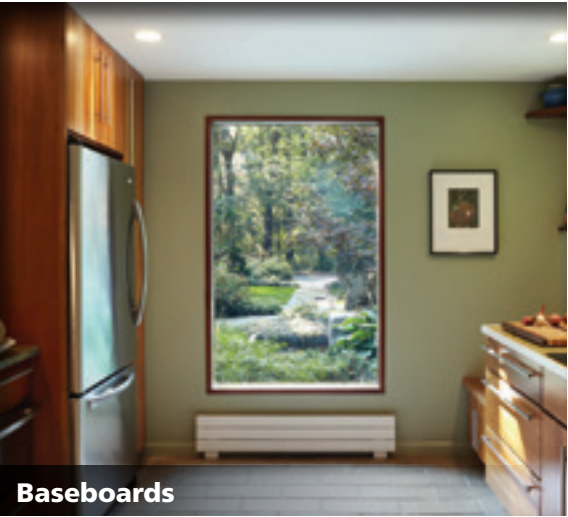


Runtal is world-renowned as the premium manufacturer of Euro-style hydronic steel radiators and has been the choice of leading architects, designers and engineers for over 60 years. This same award-winning design is found in a full line of electric radiators suitable for every living space of a home.

Crafted using the same welded steel principles as the hydronic line, Runtal's patent pending electric radiators are like no other product available, offering unmatched durability, design beauty and performance.

Available as Electric Baseboards, Electric Wall Panels and Electric Towel Radiators, all of these provide the radiant comfort that Runtal has become famous for and can be enjoyed virtually anywhere there is need for heat.

The Runtal Electric line is suitable for use as a primary heat source, as a supplement in a hard to heat space (forced-air, solar heat situations), or simply in an area where additional warmth is treasured (most bathrooms for example).



Baseboards



Towel Radiators



Wall Panels

*Runtal Electric products:
efficient, comfortable, stylish radiant heat*

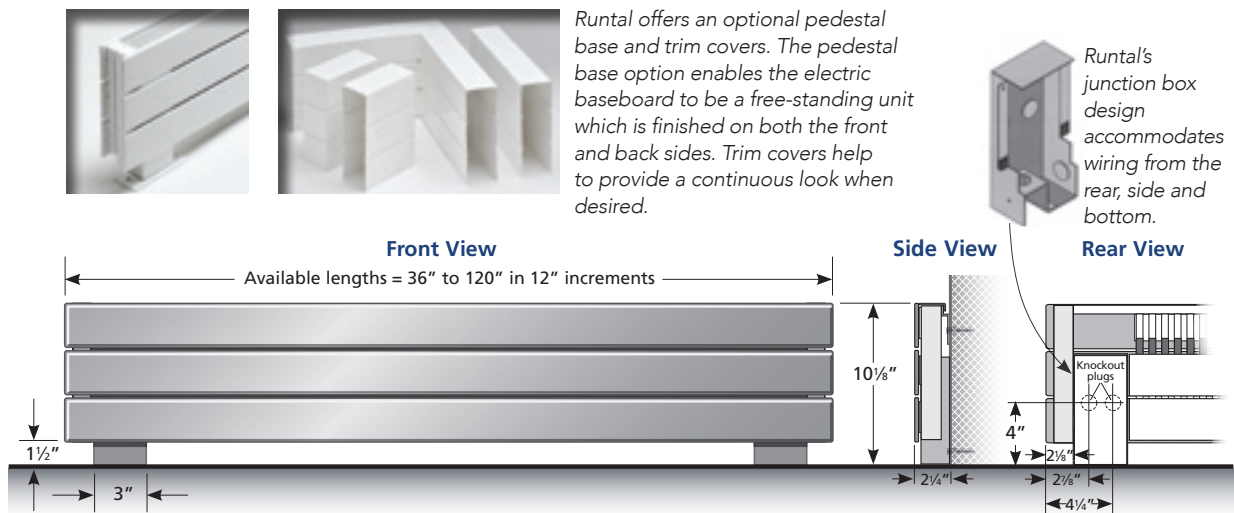
Baseboard Style



Runtal Baseboards combine high output and low surface temperature in a durable flat tube design. The baseboard style is available in 120, 208 and 240 volt configurations, and lengths from 3' to 10' in increments of one foot.



The wiring for the Runtal Baseboards is concealed in the feet of the radiator. They may be wired from either end of the radiator with wiring options from the rear, bottom or side.

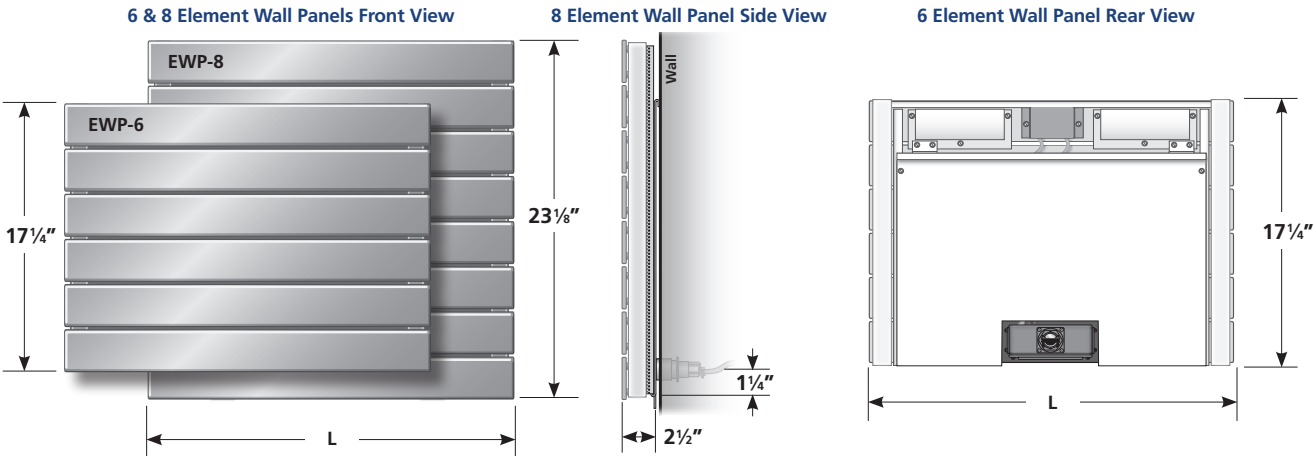


Baseboard Heating Capacities (BTUH)				AVAILABLE LENGTHS				
MODEL: EB-3	36"	48"	60"	72"	84"	96"	108"	120"
BTUH Output	1500	2000	2500	3000	3500	4000	4500	5000
Watt Output	440	586	733	879	1026	1172	1319	1466
Amp Draw 120 Volts	3.7	4.9	6.1	7.3	8.6	9.8	11.0	12.2
Amp Draw 208 Volts	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0
Amp Draw 240 Volts	1.8	2.4	3.1	3.7	4.3	4.9	5.5	6.1

Wall Panel Style



Wall Panels are ideal for placement under windows or on walls where floor space is at a premium. When placed under windows, wall panels help eliminate cold spots and drafts while allowing curtains to hang properly to the floor. The Runtal Electric Wall Panels are available in two heights (17.25" & 23.13") and three lengths (2', 3', & 4'). They are available in 120, 208 and 240 volt configurations.



Electric Wall Panel Heating Capacities (BTUH)

Model	Available Lengths		
	24"	36"	48"
EWP-6			
BTUH Output	2013	3003	4026
Watt Output	590	880	1180
Amp Draw 120 Volts	4.9	7.3	9.8
Amp Draw 208 Volts	2.8	4.2	5.7
Amp Draw 240 Volts	2.5	3.7	4.9
EWP-8			
BTUH Output	2627	3924	5220
Watt Output	770	1150	1530
Amp Draw 120 Volts	6.4	9.6	12.8
Amp Draw 208 Volts	3.7	5.5	7.4
Amp Draw 240 Volts	3.2	4.8	6.4

Towel Radiators



An obvious choice for bathrooms, Runtal Towel Radiators can also provide an attractive versatile means to heat kitchens, entryways, laundry rooms- really any room where comfort is paramount and space is limited.

Very few luxuries compare to a warm bathroom. Space is usually a premium in bathrooms and heating them can be a challenge. Properly heated, a bathroom can be an inner sanctum, a personal spa or just an oasis in a hectic world. Runtal Radiators offer comfortable radiant heat in a compact space and at the same time the luxury of warm towels and bathrobes.

As a Heater: Unique in the market, the wide variety of models, sizes, and heat capacities allow Runtal Towel Radiators to be used as either supplement heaters or in some cases the sole heat source for an entire room.

As a Towel Warmer: Runtal is the real deal. Unlike most other decorative “towel warmers” that may only provide warm spots on a towel, Runtal Towel Radiators are designed to maximize the towel warming capacity for a truly soothing experience. Runtal Towel Radiators also help to keep towels dry and fresh between laundering.



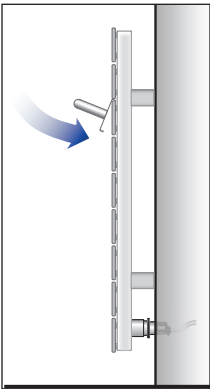
Towel Radiators: FLAT TUBE DESIGN

Runtal Omnipanel II A TRUE HEATER

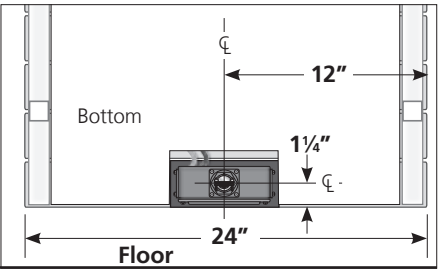
The original Omnipanel Towel Radiator was introduced to America in 1985 as the flagship of the Runtal towel radiator line. The design maximized surface area and thus radiant output. The second generation, the Omnipanel II, offers an even larger surface area and is available in three heights and a choice of three voltages. The Omnipanel II also offers two options for operation: The D model (shown in the two end models in the photo below) has a built in lit toggle switch. The H model (shown in the center model in the photo below) is supplied without a control on the unit and provides a solution for applications where building codes won't permit unit mounted controls such as placement above a tub.



One color matched towel bar accent is included with each Omnipanel II and may be snapped on anywhere desired (with exception of the bottom tube). Additional towel bars and three-knob accents may be ordered for individual customization.



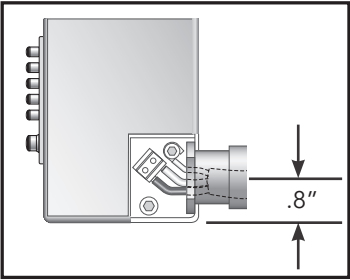
			
Models:	OPII 9	OPII 12	OPII 15
Height	26.1"	34.8"	43.6"
Width	24.0"	24.0"	24.0"
Depth	3.8"*	3.8"*	3.8"*
BTUH Output	1450	2400	2400
Watt Output	425	700	700
Amp Draw at 120 Volts	3.5	5.8	5.8
Amp Draw at 208 Volts	2.0	3.4	3.4
Amp Draw at 240 Volts	1.9	2.9	2.9



*Add to depth 3.9" for towel bar and 2.6" for robe knob accents.

Towel Radiators: ROUND TUBE DESIGNS

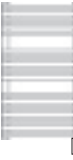
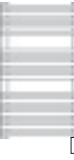
Runtal offers five round tube towel radiators in 120 volts. Each model is offered in either direct wire (Model D) or plug-in version (Model G) with Runtal's exclusive soft touch five setting digital control (off/lo/med/hi/on hi timer for 3 hours).



Runtal Neptune REFINED LUXURY

The Runtal Neptune exhibits clean lines and may be used to complement both modern and traditional fixtures. The Runtal Neptune is available in painted, brushed stainless or chrome finishes.



				
Models:	Painted NTRE-3320	Chrome/Stainless NTRE-3320C/S	Painted NTRE-4620	Chrome/Stainless NTRE-4620C/S
Height	37.4"	37.4"	50.0"	50.0"
Width	19.5"	19.5"	19.5"	19.5"
Depth	4.2"	4.2"	4.2"	4.2"
BTUH Output	1536	1024	2048	1536
Watt Output	450	300	600	450
Amp Draw at 120 Volts	4.1	2.7	5.5	4.1

Runtal Radia SIMPLE ELEGANCE

The Runtal Radia provides simple elegance with excellent performance.

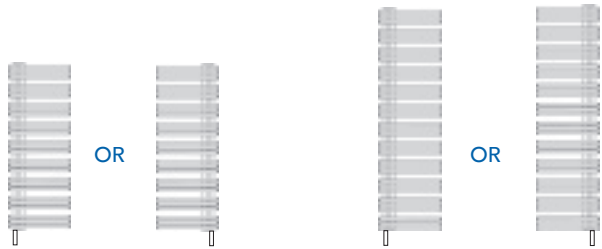


Models:	RTRE-2924	RTRE-4624	RTRE-4630
Height	32.7"	49.7"	49.7"
Width	23.6"	23.6"	29.5"
Depth	3.6"	3.6"	3.6"
BTUH Output	1536	2048	3072
Watt Output	450	600	900
Amp Draw at 120 Volts	4.1	5.5	8.2



Runtal Versus A MODERN SCULPTURE

The Runtal Versus may be ordered with the horizontal tubes going either to the right or left of the verticals. The placement of the horizontals to the left or right side must be specified.



Models:	VTREL-5223	VTRER-5223	VTREL-6923	VTRER-6923
Height	55.8"		72.8"	
Width	22.8"		22.8"	
Depth	3.2"		3.2"	
BTUH Output	2048		3072	
Watt Output	600		900	
Amp Draw at 120 Volts	5.5		8.2	



Runtal Solea GRACEFUL CURVES

The Runtal Solea features a graceful curve to allow large towels to be hung on top of each other.



Models:	STRE-3420	STRE-5420
Height	38.1"	57.6"
Width	19.7"	19.7"
Depth	5.5"	5.5"
BTUH Output	1536	3072
Watt Output	450	900
Amp Draw at 120 Volts	4.1	8.2



Runtal Fain PURE MINIMALISM

The Runtal Fain offers stainless steel construction with a minimalist appeal and maximum visual impact.



Model:	FTRE-3320
Height	37.4"
Width	19.7"
Depth	3.5"
BTUH Output	984
Watt Output	300
Amp Draw at 120 Volts	2.7



Usage of Runtal Throughout the Home



Under windows or on outside walls are the ideal locations for Runtal Baseboards. This is where most heat loss takes place and Runtal Baseboard provides a cushion of warmth.

The freestanding pedestal-mounted baseboard (shown in the entry) offers a heating solution for curtain-wall designs. Not only does it provide heat where it is needed, but it also combats condensate that tends to accumulate on large windows.



The pedestal-mounted baseboard presents a finished look on both the front and rear sides.

An entire home can be heated with Runtal Electric Radiators or they may be used as a supplement to augment other heat sources such as air heat that might fall short of providing adequate heat. This often is the situation for bedrooms above a garage, entryways and bathrooms. It might also be used in homes with hydronic heat where adding piping to an addition might not be practical.



Bathrooms are often difficult to heat. Runtal Towel Radiators can either be the sole source of heat for a bathroom or a supplement to boost existing heat. Runtal Towel Radiators help reduce mold and mildew to keep towels fresh between laundering.



Runtal Electric Wall Panels are often used where floor space is at a premium. They also free up space for flexibility in furniture placement.



In a situation where a bedroom or office is above a garage, additional heat is often required to make the room comfortable.

Steps for Choosing Your Runtal Electric Radiators:

Step 1:

The heat requirement per room must be determined. This calculation (measured in BTUH or Watts) should be done by a qualified heating professional. The chart on right provides conservative heat requirement estimates for different areas of the country.

Step 2:

Choose a style and size that meet the heat requirement and fit the design criteria. Placement of radiators on outside walls and under windows is optimal as this is where the heat loss is greatest and comfort will be most enhanced.

Step 3:

Choose a finish: Runtal offers a pallet of 10 standard colors, two metallic and 99 designer colors. The Fain and Neptune towel radiators are also offered in stainless steel and the Neptune in chrome plate as well.

Step 4:

Decide on an option for operating your radiator:

- A simple on/off switch
- A programmable controller
- A wall thermostat (by others)

Heat Requirements for Sample Cities

City:	BTUH per sq. ft.
Boston	40
Chicago	40
Denver	40
New York City	40
Philadelphia	35
Portland, OR	25
San Francisco	25
Seattle	25
Toronto	40
Washinton, D.C.	35

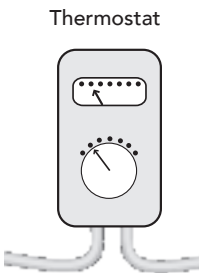
The Electric Programmable Controller may be used with any of the 120 volt Runtal Radiators, but its primarily use is with 120 volt Runtal Towel Radiators. The Programmable Controller is designed to be installed into a standard double gang electrical box. Use the Programmable Controller to provide a warm bathroom first thing in the morning; to avoid heating the entire house in the spring and fall; and to provide comfortable heat to meet everyone’s daily routine.



Features:

- LCD Time/Day Program Display
 - Seven-day individual programming function
 - Up to 8 different ON/OFF cycles per day
- Block programming of up to 7 days (when ON/OFF times are identical)
 - Manual Program override
 - 150 hour built-in battery saves programs in case of power outage

Thermostat Selection: Just about any electric wall thermostat can be used to control Runtal Electric products. Wall thermostats generally fall into two categories: a) high voltage 120V/240V Line Voltage Thermostats, and b) low voltage 24V Thermostats. High voltage 120V/240V Line Voltage Thermostats directly control the high voltage wire that feeds the Runtal Electric products with power. There are a variety of thermostats on the market from slide designs to digital programmable models to “smart” wi-fi connected models. All may be used to operate Runtal Electric products.



Additional Technical Information for Runtal Electric Radiators

Connect multiple radiators in parallel:

Multiple radiators must be connected in parallel and not in a series.

Maximum wattage on a circuit:

For installation of multiple electric products, the following chart should be used. The chart indicates supply voltage, circuit breaker rating, minimum wire size, and maximum total wattage of electric products on the circuit.

Voltage A.C.	Circuit Breaker Size	Maximum Wattage	Wire Size
120	15 Amp	1440	14/2 with Ground
120	20 Amp	1920	12/2 with Ground
120	30 Amp	2880	10/2 with Ground
208	15 Amp	2496	14/2 with Ground
208	20 Amp	3328	12/2 with Ground
208	30 Amp	4992	10/2 with Ground
240	15 Amp	2880	14/2 with Ground
240	20 Amp	3840	12/2 with Ground
240	30 Amp	5760	10/2 with Ground

Runtal Offers a Wide Variety of Colors

Runtal offers a palette of 10 standard colors, 99 designer colors and two metallic colors in a durable powder coat enamel finish. These colors match most fixture manufacturers’ colors to allow a coordinated look. Please note: If choosing a towel radiator to heat the room, be aware that painted finishes are best for radiating heat into a room.

Standard Colors

Runtal White

Grey White

Cream White

Glacier Grey

Almond

Runtal Steel

Wine Red

Moss Green

Grey Blue

Grey Brown

Metallic Colors

Satin Nickel

Aluminum

Chrome

Brushed Stainless

Optional Colors

Neptune Towel Radiator

Neptune and Fain Towel Radiators

Printed colors are not an exact representation, so please contact Runtal for a “Color Selection Guide”.

Runtal’s Non-Electric Radiators: Hydronic (Hot Water) and Steam Heating Systems

In addition to electric radiators, Runtal offers its world famous line of decorative radiators for hydronic (hot water) and steam heating systems. Often recommended by architects and designers, Runtal Radiators may be discreetly blended into a classic décor or used as a bold complement to today’s vibrant high-tech accessories. Runtal is attractive, durable, hygienic and comfortable and may be used as a direct replacement for fin-tube or cast iron radiators and baseboards. Runtal Radiators may be used with low temperature water which make them a perfect radiant alternative or complement to floor heating.



Our Commitment to Excellence: Founded over 60 years ago in Switzerland and operating a state-of-the-art factory in Massachusetts for 30 years, Runtal has made a commitment to serve the U.S. and Canadian markets. All Runtal products are precision manufactured of high quality cold-rolled steel or stainless steel. All products are designed to meet American building requirements and carry a limited five-year warranty. If in the Boston area, please visit the Runtal showroom in Ward Hill, MA (Haverhill) and experience the beauty and practicality of Runtal. We also encourage use of the Runtal website: www.runtalnorthamerica.com or call **800-526-2621** for additional technical and specification information.



Runtal North America, Inc., PO Box 8278, 187 Neck Road, Ward Hill, MA 01835
TEL: 800-526-2621 FAX: 978-372-7140 In Canada: 888-829-4901 www.runtalnorthamerica.com