
ARTIC
OCEAN
USA
CANADA
USA
RUSSIA
CHINA
ATLANTIC
OCEAN
PACIFIC
OCEAN
PACIFIC
OCEAN
BRAZIL
INDIAN
OCEAN
AUSTRALIA

Technology

Uniform Heating Technology

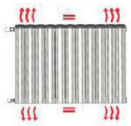
Having different temperature in the external body of radiator is one of the biggest problems in domestic radiators (especially those one with average and high water content) that could be caused by low water flow of heating system. At Anit we have developed an innovative technology to create uniform heating through the whole body. The radiators produced by using this technology could have highest compatibility with thermostatic valves and the long width of radiator would not cause problem of dropping temperature any more.

No Corrosion Technology

Corrosion is the primary cause of malfunctions in heating systems. Also, Water as a precious fluid; can cause corrosion as it might contain wide PH range and other corrosive chemical composition. Furthermore, water can form Hydrogen gas in the conventional aluminum radiators and heating systems. To stop corrosion even before it starts Anit has developed a technology called internal coating system to protect the radiator water chamber and increase the life time of the radiators.

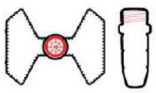
Highest Compatibility with Thermostatic Valves

The thermostatic valves are widely used now to control the gas consumption, but one of the main conditions for using this technology is the compatibility rate of the radiators. The low rate of reaction time of steel and die cast radiators Reduces the efficiency of the thermostatic valves and it would not be beneficial to use them. Anit developed a technology at its research and development department to increase the reaction time of the radiator in order to maximize the efficiency of thermostatic valves. Fortunately, our products have the highest compatibility with the thermostatic valves.



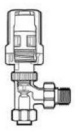
A++ Efficiency (394 C/hr)

Never let it be said that good design is at the expense of efficiency! Anit Radiator proves that you can retain stunning designer looks whilst maximising output and with total safety. As energy bills rise, finding efficient and effective ways of heating a space is becoming increasingly important. Anit produce highest energy efficient radiators in the market. Our products are designed to provide maximum amounts of heat from the smallest amount of energy. Anit radiators heat up much quicker whilst using less water, equalling a more cost effective, energy efficient and eco-friendly radiator.



Micro Fin Technology

In order to maximize the thermal output of radiator, our R&D department developed a technology called "Micro Fin" that could increase the surface area of each column. Surface area determines the maximum heat output capacity of a radiator. The larger the surface area, the higher the potential heat output. Surface area will be greatly increased by fins and the special shape of columns. The design of each column of Anit radiators is tubular shape with micro fins that offer a lot more surface area than a flat panel design without fins as the heat can be emitted from both the outside and the inside of the tubes of each columns and generate more thermal output.



High Resistance to Excess Pressure up to 120 bar

At Anit, we regard safety and quality to be every bit as important as performance.
Accordingly, we apply the industry's most technically rigorous tests to our products. all of our radiators are produced and tested in line with BS EN 442 Standard Specification for radiators and convectors. however, to ensure they perform safely and reliably at all times, we set the standards as high as possible. Anit's radiators have high resistance to excess pressure up to 120 bar and each of them pass a pressure test of 14 bar to ensure that they will able to properly full fil their long term function - some 40% higher than other European manufacturers.

Pioneer Brilliant

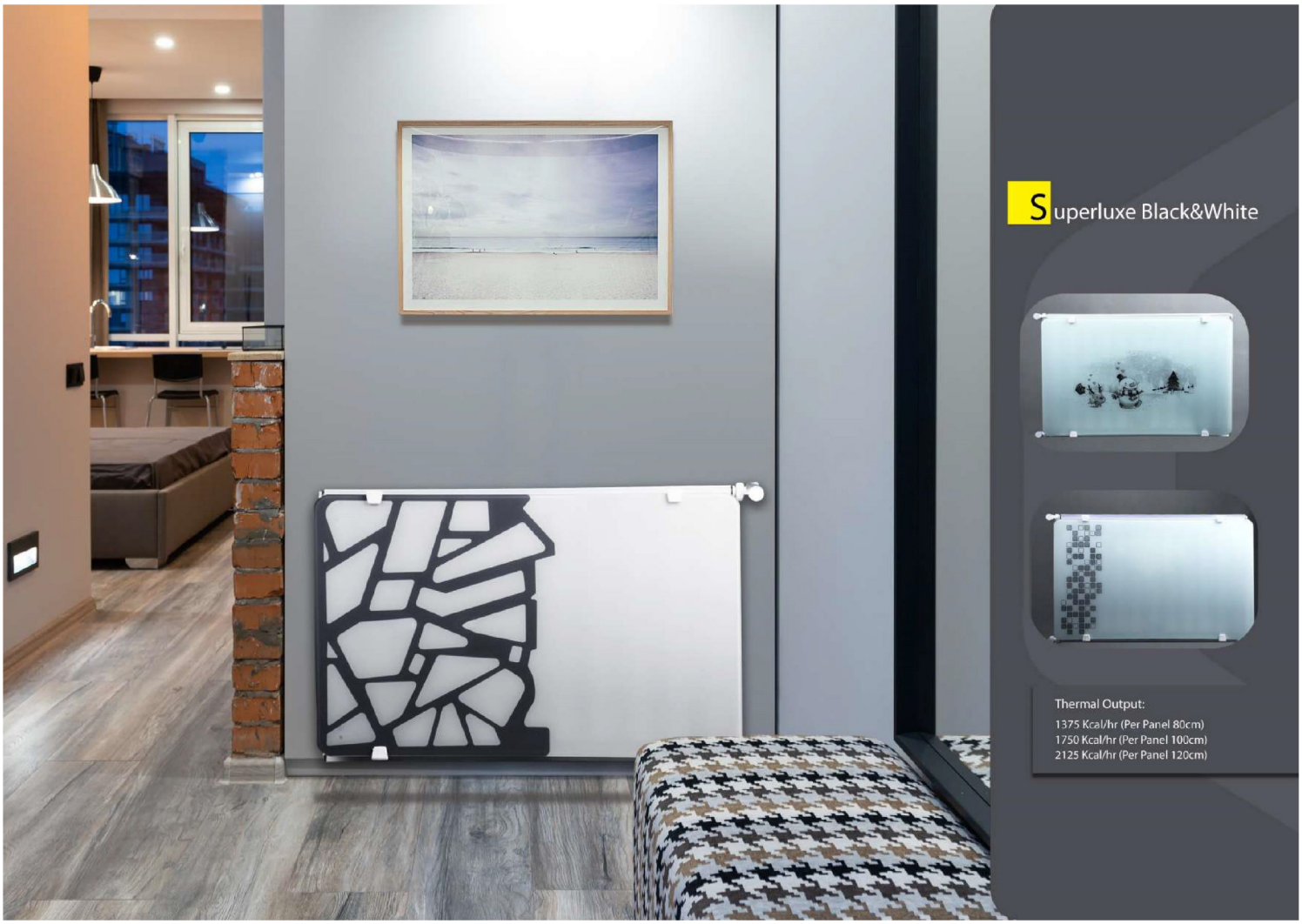
Thermal Output:
159 Kcal/hr (Per Column)

Pioneer

Thermal Output:
159 Kcal/hr (Per Column)

Onyx

Thermal Output:
138 Kcal/hr (Per Column)



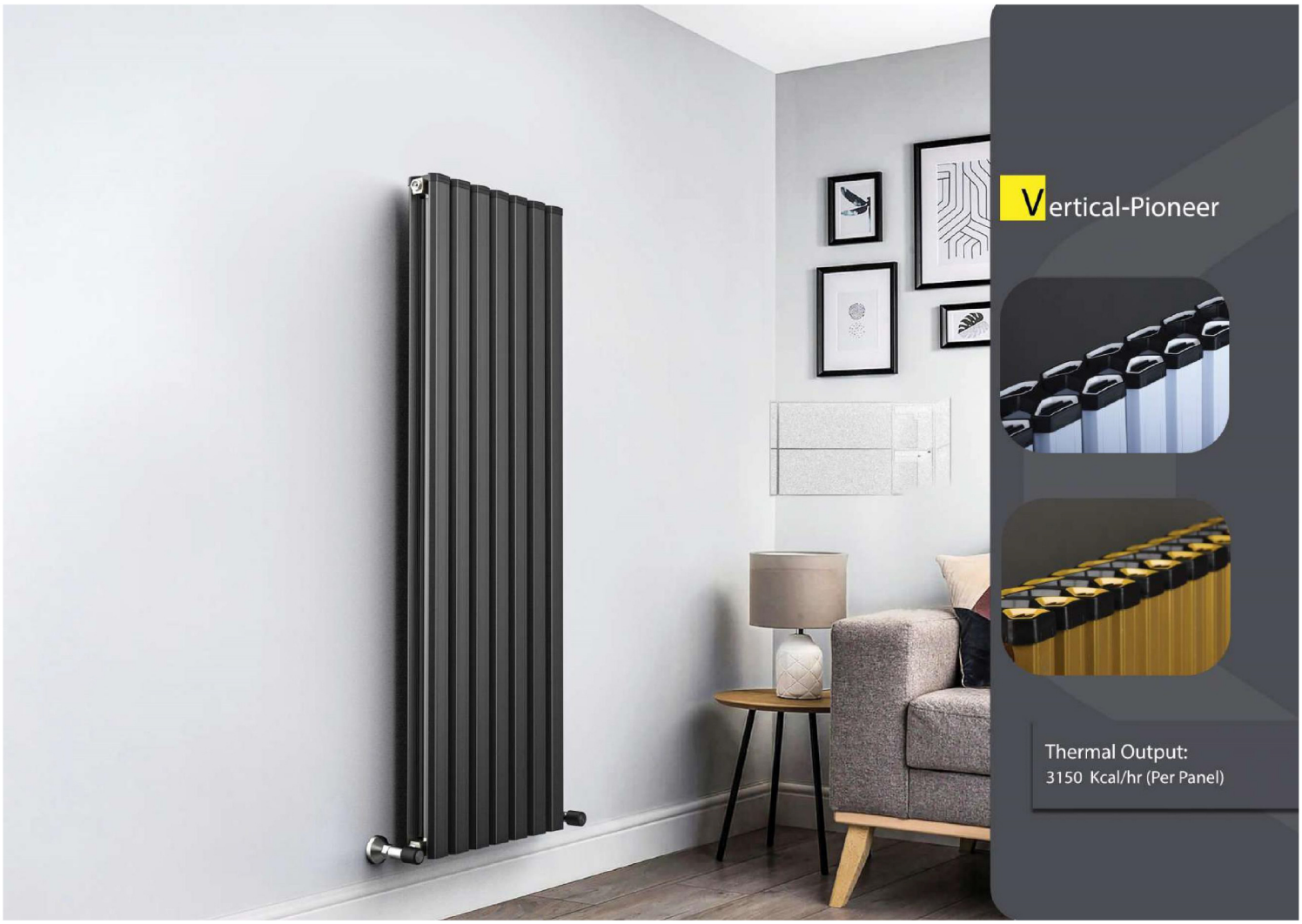
Superluxe Black&White

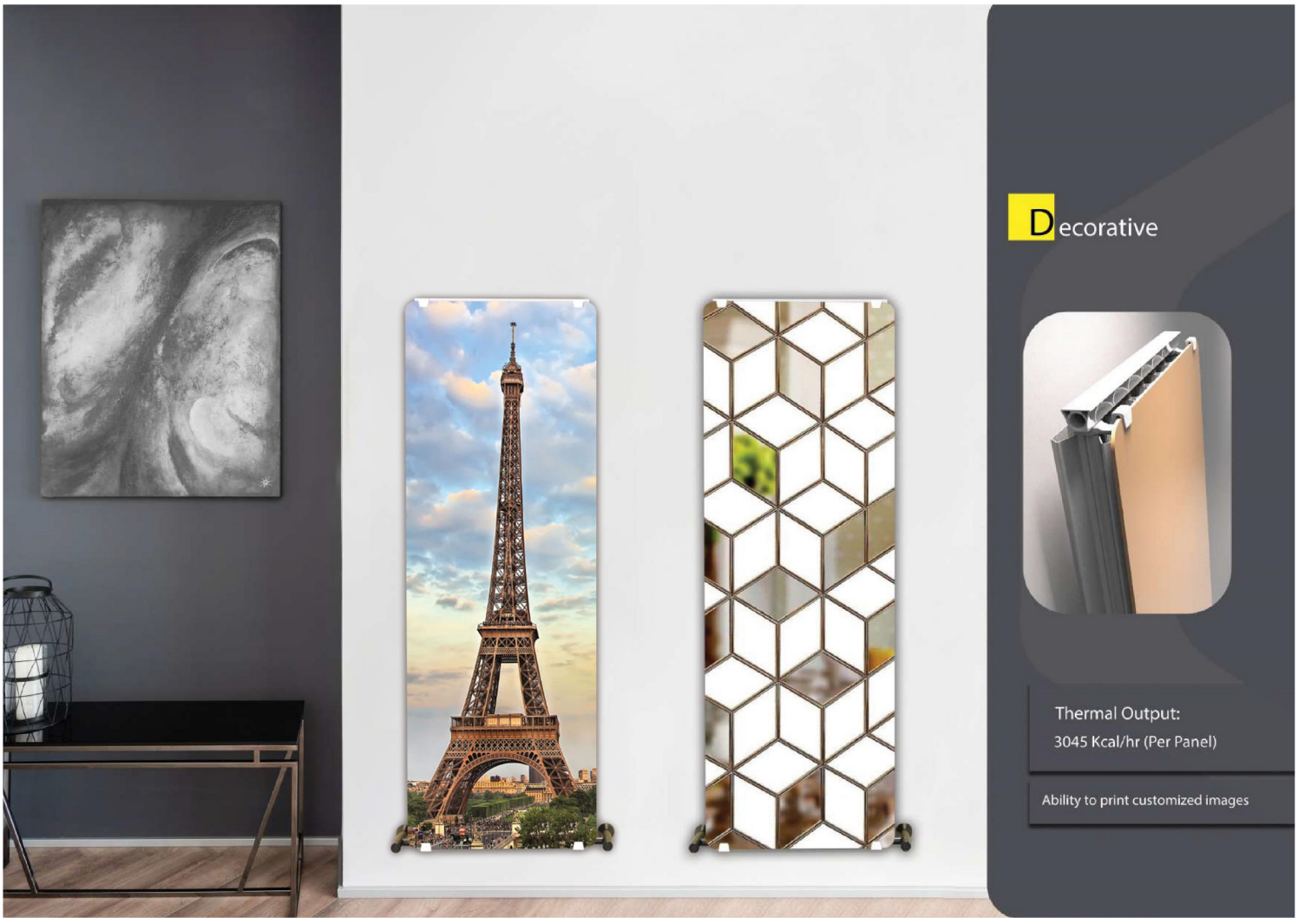
Thermal Output:

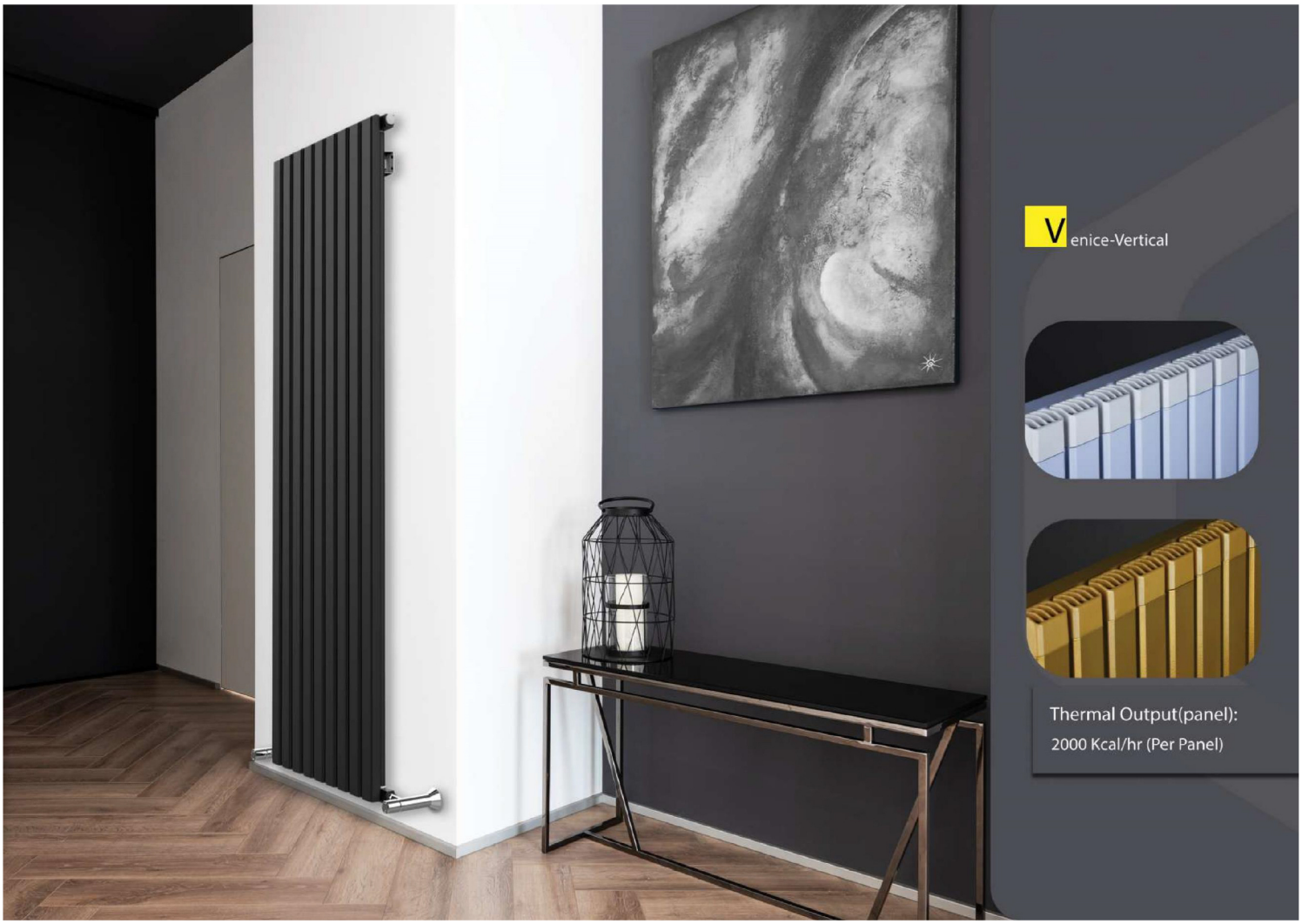
1375 Kcal/hr (Per Panel 80cm)
1750 Kcal/hr (Per Panel 100cm)
2125 Kcal/hr (Per Panel 120cm)

Vertical-Pioneer Brilliant

Thermal Output:
3150 Kcal/hr (Per Panel)

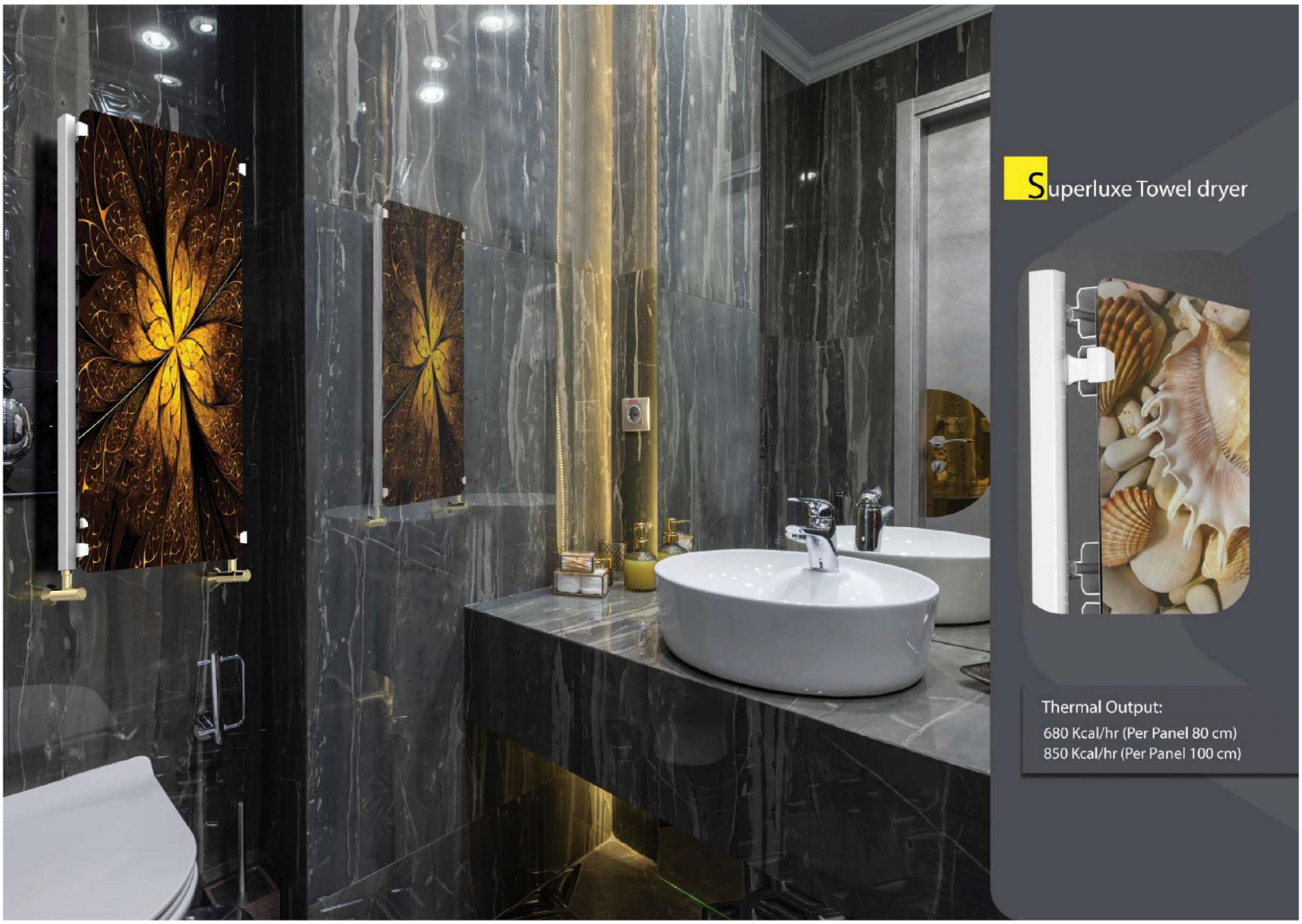

Vertical-Pioneer
Thermal Output:
3150 Kcal/hr (Per Panel)


Decorative
Thermal Output:
3045 Kcal/hr (Per Panel)
Ability to print customized images


Venice-Vertical
Thermal Output(panel):
2000 Kcal/hr (Per Panel)


Optima
Thermal Output:
1800 Kcal/hr (Per Panel)

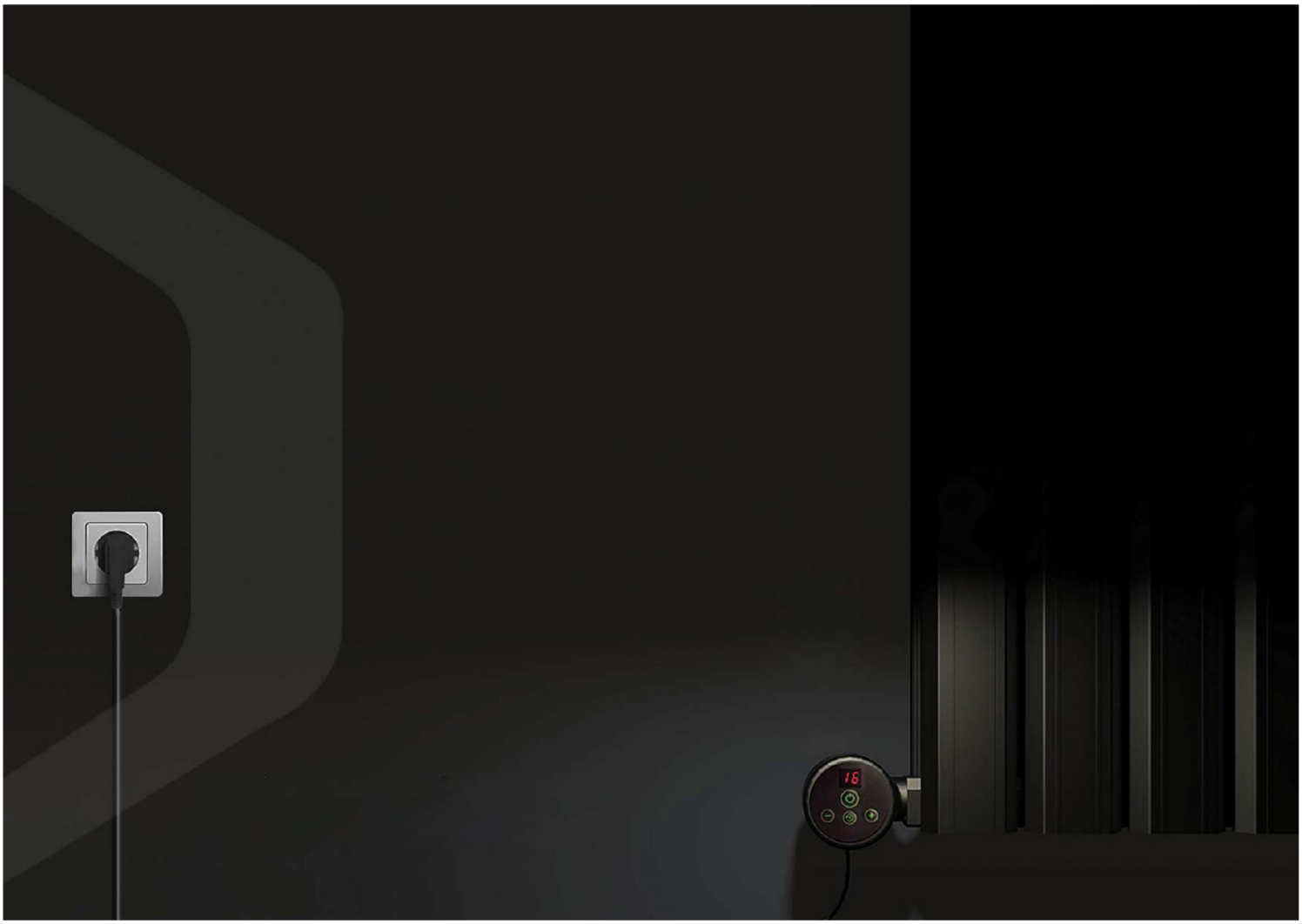

Venice-Towel dryer
Thermal Output:
85 Kcal/hr (Per Column)

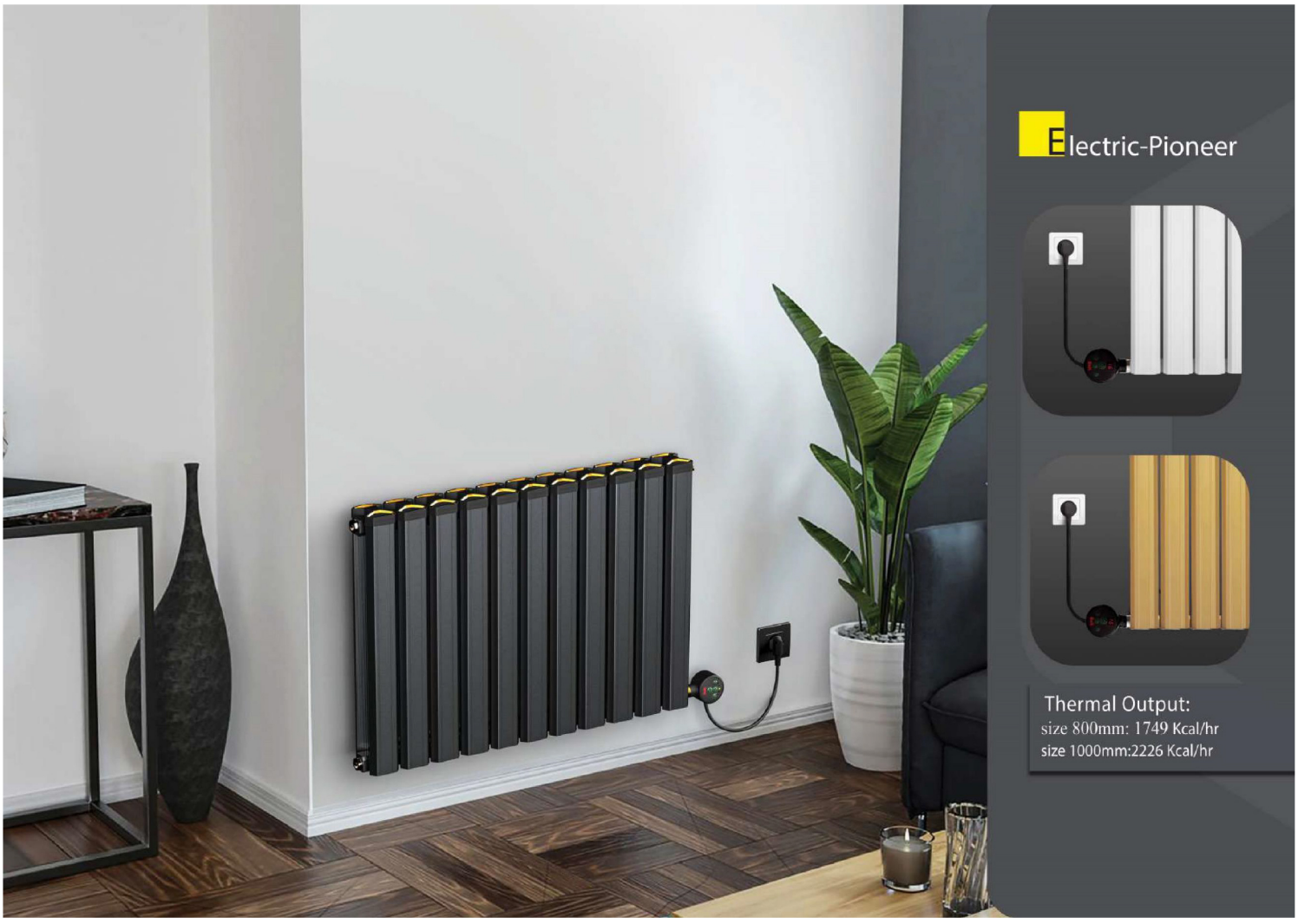


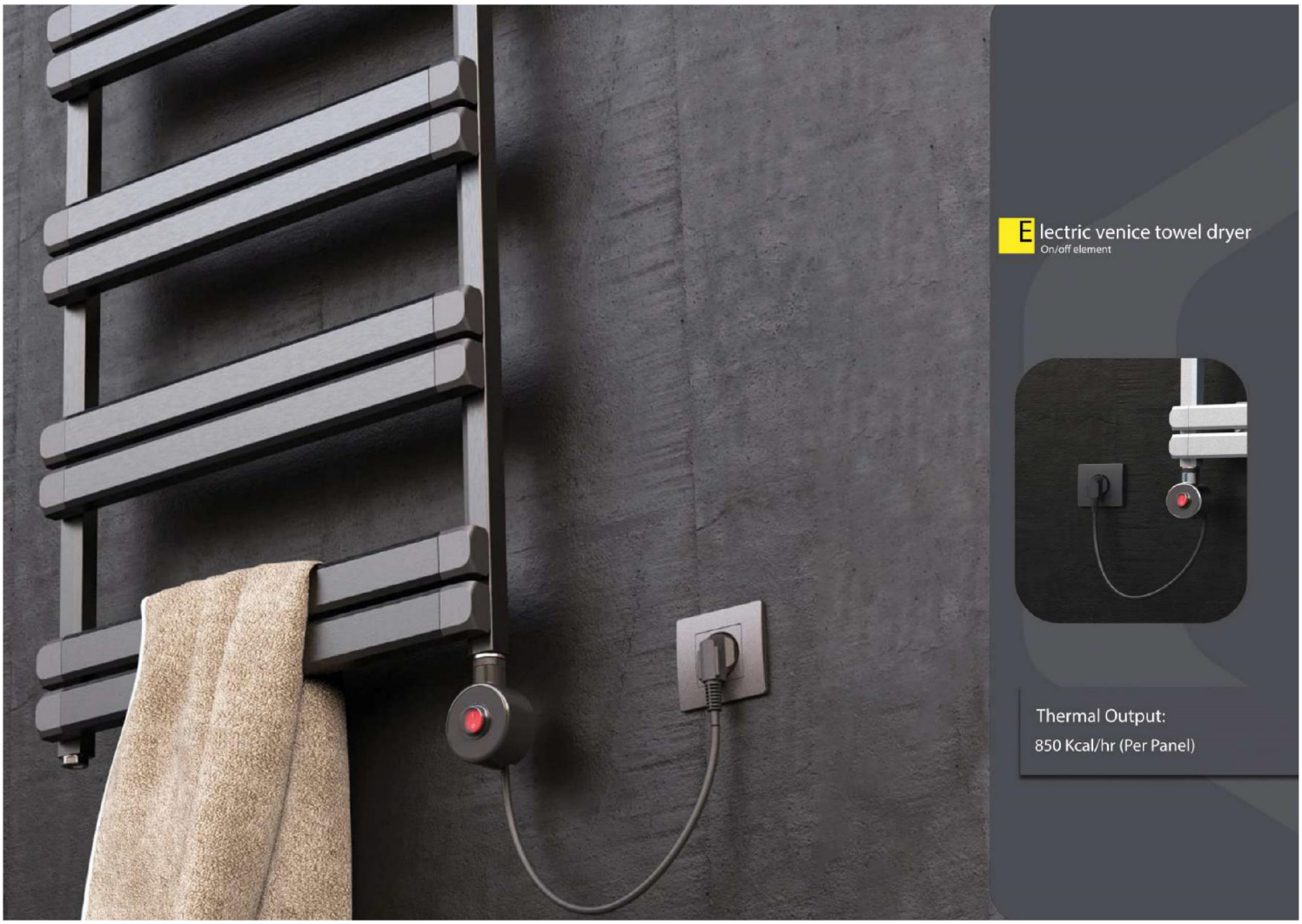
Superluxe Towel dryer

Thermal Output:

680 Kcal/hr (Per Panel 80 cm)
850 Kcal/hr (Per Panel 100 cm)

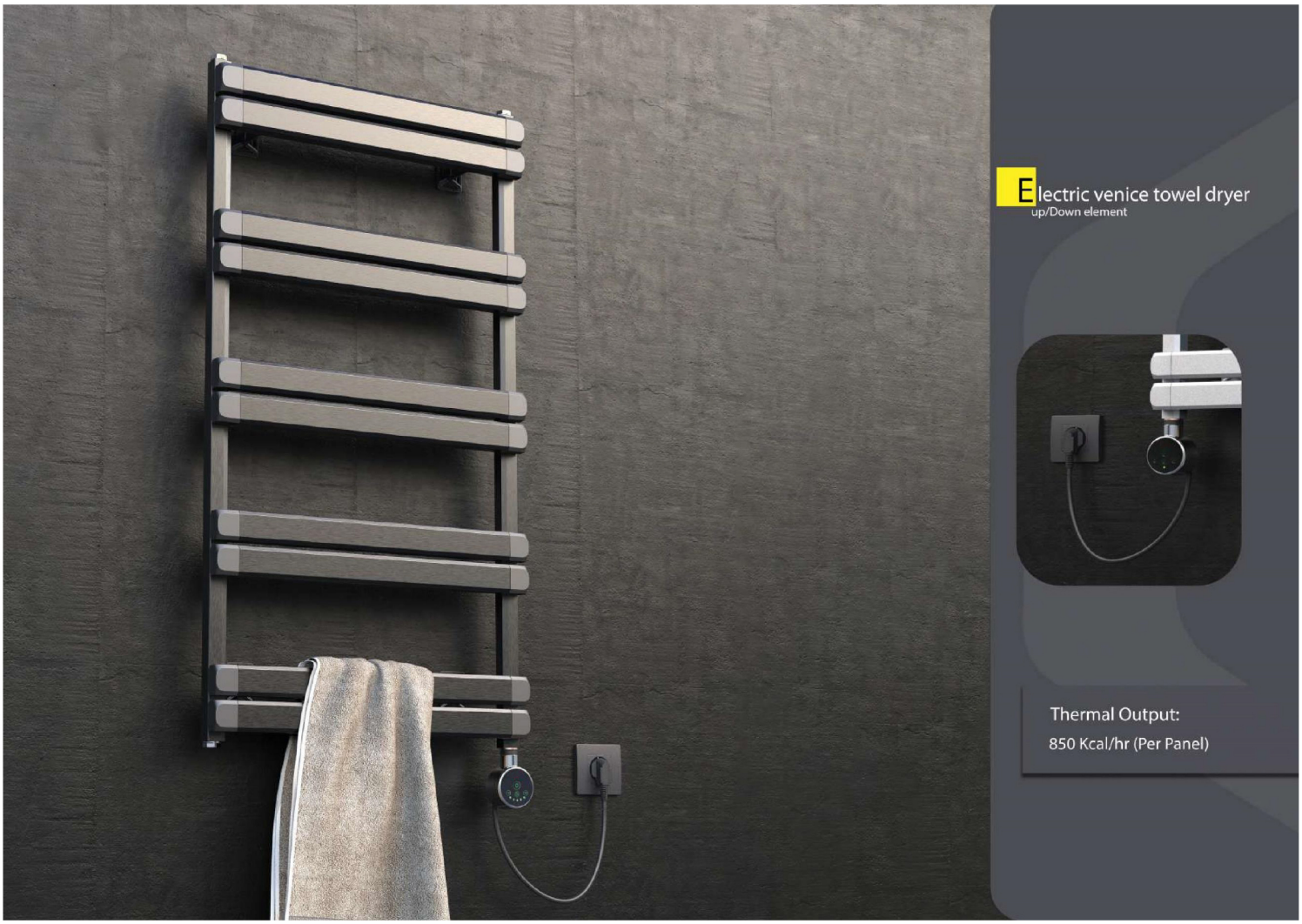

16


Electric-Pioneer
Thermal Output:
size 800mm: 1749 Kcal/hr
size 1000mm:2226 Kcal/hr



Electric venice towel dryer
On/off element

Thermal Output:
850 Kcal/hr (Per Panel)



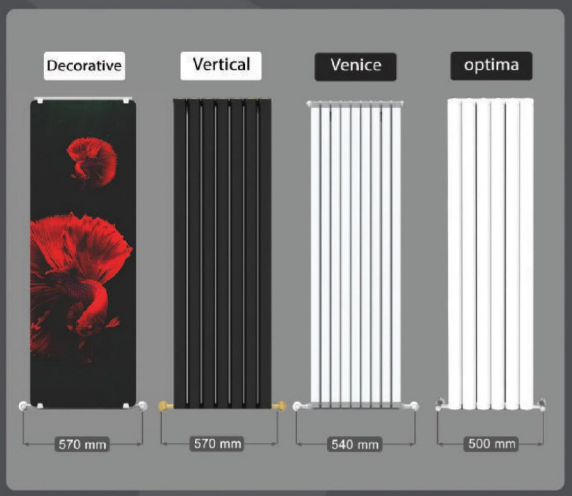
Electric venice towel dryer

up/Down element

Thermal Output:

850 Kcal/hr (Per Panel)

Installation Dimension Of Valves in Vertical Radiators

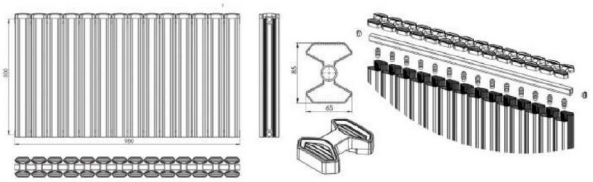


Pioneer

Technical Data of Each Column

Air Flow Channels	Surface Area(m2)	Water Capacity (Litre)	Thickness of Wet Section(mm)	Material	Length(mm)	Width(mm)
2	0.6	0.2	2	Aluminium 6063	85	65

Height (mm)	Length (mm)	Number of column	Thermal Output		
			Kcal/hr	Btu/hr	Watts
400	500	7	887	3518	1031
	800	11	1394	5530	1622
	1000	14	1778	7036	2065
	1200	17	2159	8544	2507
	1330	19	2413	9549	2802
500	500	7	1113	4416	1295
	800	11	1749	6940	2034
	1000	14	2226	8833	2588
	1200	17	2703	10726	3143
	1330	19	3021	11988	3514
600	500	7	1330	5278	1547
	800	11	2090	8293	2433
	1000	14	2660	6895	3097
	1200	17	3230	12817	3761
	1330	19	3610	14326	4203
1000	500	7	2226	8832	2590
	800	11	3498	13880	4068
	1000	14	4452	17666	5176
	1200	17	5406	21452	6286
	1330	19	6042	23976	7028

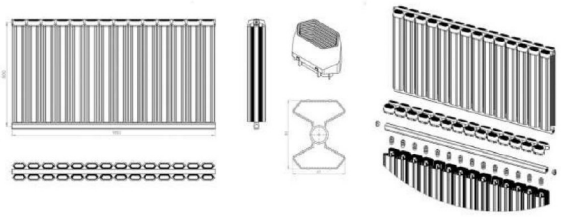


Onyx

Technical Data of Each Column

Air Flow Channels	Surface Area(m²)	Water Capacity (Litre)	Thickness of Wet Section(mm)	Material	Length(mm)	Width(mm)
2	0.55	0.17	2	Aluminium 6063	85	65

Height (mm)	Length (mm)	Number of column	Thermal Output		
			Kcal/hr	Btu/hr	Watts
400	500	7	774	3070	894
	800	11	1215	4821	1405
	1000	14	1547	6123	1788
	1200	17	1878	7438	2171
	1330	19	2100	8310	2427
500	500	7	966	3832	1123
	800	11	1517	6014	1764
	1000	14	1931	7654	2245
	1200	17	2345	9295	2727
	1330	19	2621	10388	3048
600	500	7	1158	4599	1348
	800	11	1821	7228	2113
	1000	14	2317	9200	2689
	1200	17	2814	11171	3266
	1330	19	3145	12485	3650
1000	500	7	1931	7665	2246
	800	11	3035	12028	3529
	1000	14	3863	15309	4492
	1200	17	4690	18590	5455
	1330	19	5242	20777	6097

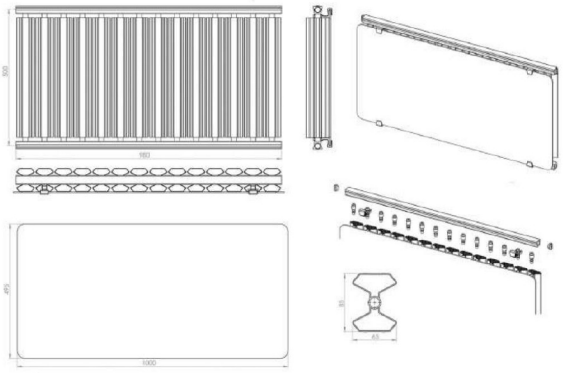


Superluxe

Technical Data of Each Column

Air Flow Channels	Surface Area(m²)	Water Capacity (Litre)	Thickness of Wet Section(mm)	Material	Length(mm)	Width(mm)
2	0.4	0.12	2	Aluminium 6063	85	65

Height (mm)	Length (mm)	Number of column	Thermal Output		
			Kcal/hr	Btu/hr	Watts
500	800	11	1375	5447	1598
	1000	14	1750	6933	2034
	1200	17	2125	8419	2470

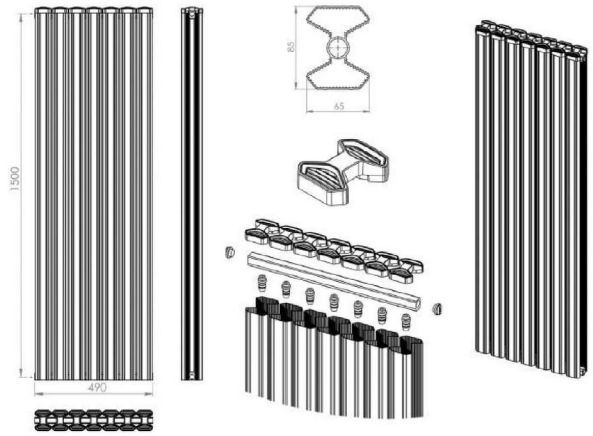


Vertical-Pioneer

Technical Data of Each Column

Air Flow Channels	Surface Area(m²)	Water Capacity (Litre)	Thickness of Wet Section(mm)	Material	Length(mm)	Width(mm)
2	1.8	0.6	2	Aluminium 6063	85	65

Height (mm)	Length (mm)	Number of column	Thermal Output		
			Kcal/hr	Btu/hr	Watts
1500	500	7	3150	12500	3663

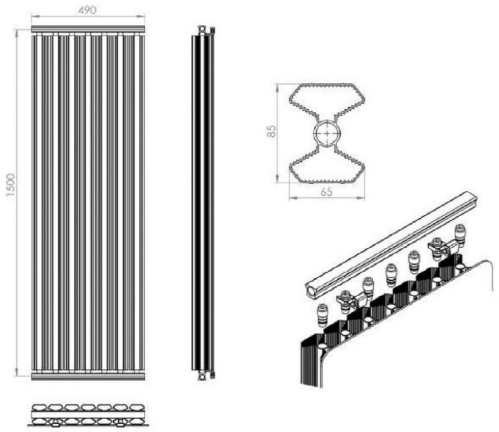


Decorative

Technical Data of Each Column

Air Flow Channels	Surface Area(m²)	Water Capacity (Litre)	Thickness of Wet Section(mm)	Material	Length(mm)	Width(mm)
2	1.8	0.5	2	Aluminium 6063	85	65

Height (mm)	Length (mm)	Number of column	Thermal Output		
			Kcal/hr	Btu/hr	Watts
1500	500	7	3045	12083	3541

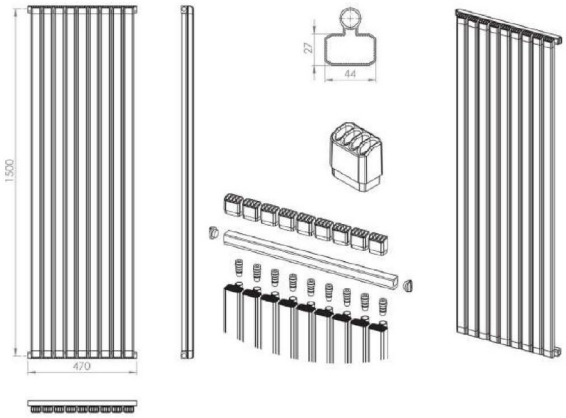


Venice-Vertical

Technical Data of Each Column

Air Flow Channels	Surface Area(m²)	Water Capacity (Litre)	Thickness of Wet Section(mm)	Material	Length(mm)	Width(mm)
1	1.6	0.36	1.7	Aluminium 6063	45	50

Height (mm)	Length (mm)	Number of column	Thermal Output		
			Kcal/hr	Btu/hr	Watts
1500	460	9	2000	7936	2326

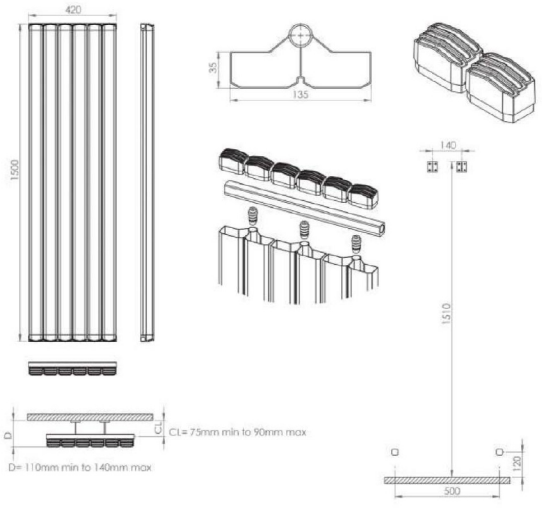


Optima

Technical Data of Each Column

Air Flow Channels	Surface Area(m²)	Water Capacity (Litre)	Thickness of Wet Section(mm)	Material	Length(mm)	Width(mm)
2	0.5	0.5	2	Aluminium 6063	135	60

Height (mm)	Length (mm)	Number of column	Thermal Output		
			Kcal/hr	Btu/hr	Watts
1500	420	3	1800	7143	20933

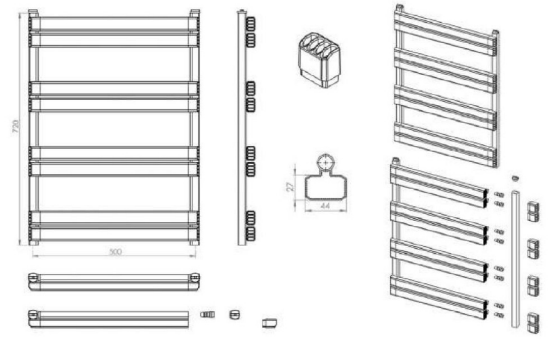


Venice-Towel dryer

Technical Data of Each Column

Air Flow Channels	Surface Area(m²)	Water Capacity (Litre)	Thickness of Wet Section(mm)	Material	Length(mm)	Width(mm)
1	0.2	0.12	1.7	Aluminium 6063	45	50

Height (mm)	Length (mm)	Number of column	Thermal Output		
			Kcal/hr	Btu/hr	Watts
600	400	6	408	1620	474
800		8	544	2160	632
1000		10	680	2700	790
1200		12	816	3240	948
600	500	6	510	2022	594
800		8	680	2696	792
1000		10	850	3370	990
1200		12	1020	4044	1188
600	600	6	612	2430	708
800		8	816	3240	944
1000		10	1020	4050	1180
1200		12	1224	4860	1416

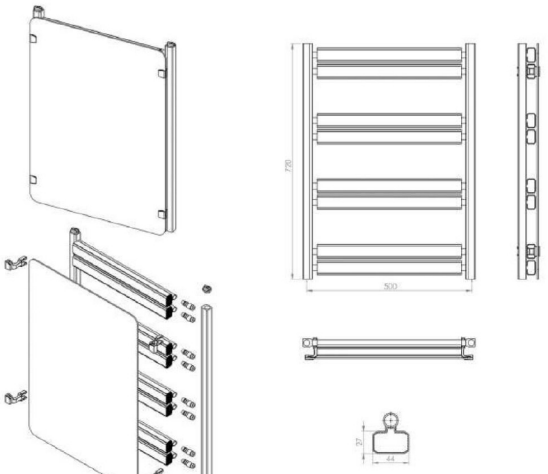


Superluxe Towel dryer

Technical Data of Each Column

Air Flow Channels	Surface Area(m²)	Water Capacity (Litre)	Thickness of Wet Section(mm)	Material	Length(mm)	Width(mm)
1	0.2	0.12	1.7	Aluminium 6063	45	50

Height (mm)	Length (mm)	Number of column	Thermal Output		
			Kcal/hr	Btu/hr	Watts
800	500	8	680	2696	792
1000		10	850	3370	990

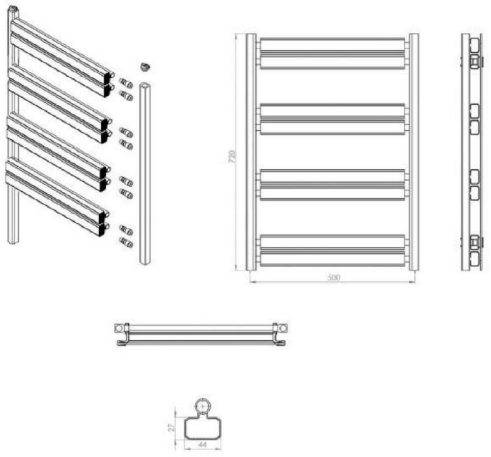


Venice Towel dryer technical data of Electric models

Technical Data of Each Column

Air Flow Channels	Surface Area(m²)	Water Capacity (Litre)	Thickness of Wet Section(mm)	Material	Length(mm)	Width(mm)
1	0.2	0.12	1.7	Aluminium 6063	45	50

Height (mm)	Length (mm)	Number of column	Thermal Output		Power of heating element
			Kcal/hr	Btu/hr	W/hr
1000	500	10	850	3373	400



Pioneer technical data of Electric models

Technical Data of Each Column

Air Flow Channels	Surface Area(m²)	Water Capacity (Litre)	Thickness of Wet Section(mm)	Material	Length(mm)	Width(mm)
2	0.6	0.2	2	Aluminium 6063	85	65

Height (mm)	Length (mm)	Number of column	Thermal Output		Power of heating element
			Kcal/hr	Btu/hr	W/hr
500	800	11	1749	6940	800
	1000	14	2226	8833	1000