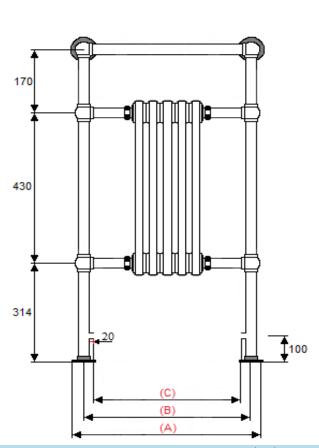
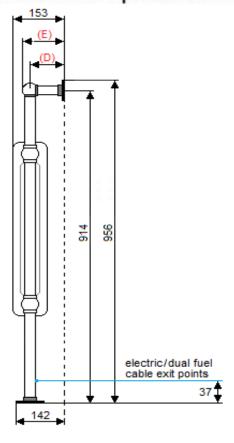
APOLLO ravenna plus SR technical specification





RAVENNA PLUS SR DIMENSIONS (mm)					
Model code	lel code SR4				
Width of radiator		(A)	509		
Model height			956		
Pipe centres	Width	(B)	425		
	Depth	(D)	100		
Depth of rail		(E)	125		
No. of sections (in insert)			5		
Tapping centres	Inward	(C)	353		
Bracket positions			wall/floor plates		
Tappings			1/2"		

RAVENNA PLUS SR WEIGHTS AND VOLUMES (per radiator)					
Model height (mm)	956				
Dry weight (A) Kg	11.19				
Water content (B) Litres	6.11				
Working weight (A+B) Kg	17.30				
Outputs: Watts ΔT=50k	630				

The thermal outputs expressed at ΔT =50k comply with European regulation EN 442-2

ADDITIONAL INFORMATION				
Material	Brass (DZR)			
Alloy thickness	1 - 1.6mm			
Tube diameter	31.8mm			
Maximum working pressure	3 bar/300 kPa			
Maximum working temperature	85°C			
Maximum testing pressure	6 bar/600 kPa			
5 ,				

DUAL FUEL/ELECTRIC INFORMATION (where applicable)				
Position of cable exit point Back of leg				
Distance from floor to cable exit point	37mm			
Element	300W			

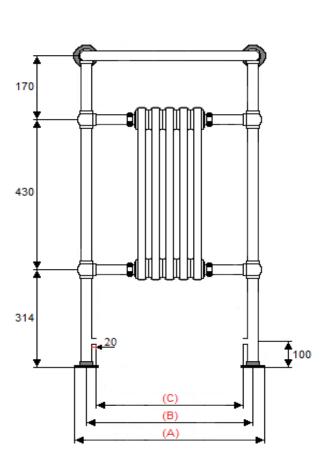
FACTORS FOR DIFFERENCES BETWEEN MEAN WATER TEMPERATURE AND ROOM TEMPERATURE IN °C AND °F OTHER THAN 50°C (90°F) 5°C 0.050 10°C 0.123 10°F 0.057 15°C 0.209 20°F 0.142 20°C 0.304 30°F 0.240 25°C 40°F 0.348 0.406 30°C 0.515 50°F 0.466 35°C 0.629 60°F 0.590 40°C 0.748 70°F 0.721 45°C 0.872 80°F 0.858 50°C 1.000 90°F 1.000 55°C 1.132 100°F 1.147 60°C 1.267 110°F 1.298 65°C 1.406 120°F 1.454 130°F 75°C 1.694 140°F 1.776 TO APPLY THE FACTORS SHOWN IN THE TABLE TO OUR QUOTED OUTPUTS MULTIPLY THE QUOTED OUTPUT BY THE CHOSEN OPERATING FACTOR TO GIVE THE OUTPUT

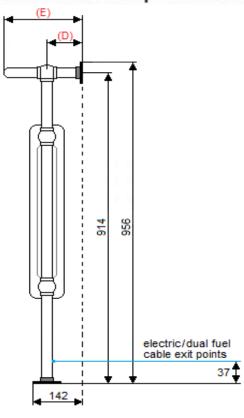
TEMPERATURE

Please note: These towel rails are handmade and therefore subject to a tolerance of +/- 6mm on all measurements

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APOLLO ravenna plus CR technical specification





TEMPERATURE FACTORS FOR DIFFERENCES BETWEEN MEAN WATER TEMPERATURE AND ROOM TEMPERATURE IN °C AND °F OTHER THAN 50°C (90°F)

10°F

20°F

30°F

40°F

50°F

60°F

70°F

80°F

90°F

100°F

0.057

0.142

0.240

0.348

0.466

0.590

0.721

0.858

1.000

1.147

5°C

10°C

15°C

20°C

25°C

30°C

35°C

40°C

45°C

50°C

55°C

0.050

0.123

0.209

0.304

0.406

0.515

0.629

0.748

0.872

1.000

1.132

RAVENNA PLUS CR DIMENSIONS (mm)						
Model code			CR4	CR6	CR8	CR10
Width of radiator		(A)	509	694	846	998
Model height				9!	56	
Pipe centres	Width	(B)	425	610	762	914
	Depth	(D)	100			
Depth of rail		(E)	240			
No. of sections in insert			5	8	11	14
Tapping centres	Inward	(C)	353	538	690	842
Bracket positions			wall/floor plates			
Tappings			1/2"			

RAVENNA PLUS CR WEIGHTS AND VOLUMES (per radiator)					
Model width (mm)	509	694	846	998	
Dry weight (A) Kg	11.44	15.54	19.56	24.80	
Water content (B) Litres	6.31	8.98	11.57	14.17	
Working weight (A+B) Kg	17.75	24.52	31.13	38.97	
Outputs: Watts ΔT=50k	645	985	1328	1666	

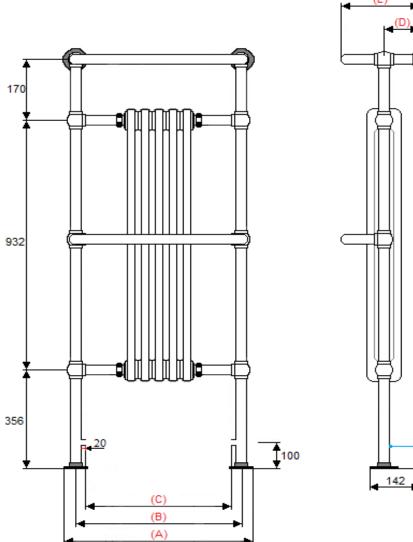
The thermal outputs expressed at ΔT

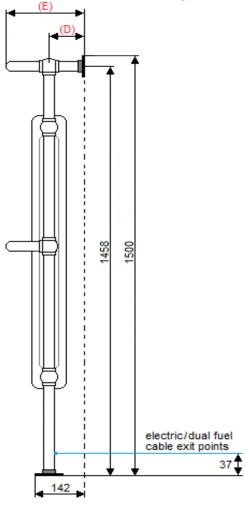
ADDITIONAL INFORMATION			
Material	Brass (DZR)		
Alloy thickness	1 - 1.6mm		
Tube diameter	31.8mm		
Maximum working pressure	3 bar/300 kPa		
Maximum working temperature	85°C		
Maximum testing pressure	6 bar/600 kPa		

	17.75	24.52	31.13	38.97	60°C	1.267	110°F	1.298	
	645	985	1328	1666	65°C	1.406	120°F	1.454	
T=50k comply wit	h European regu	ılation EN 442-2			70°C	1.549	130°F	1.613	
					75°C	1.694	140°F	1.776	
ADDITIO	NAL INFORMATI	ON			TO API	PLY THE FAC	TORS SHOV	VN IN THE	
Brass (DZR)					TABLE TO OUR QUOTED OUTPUTS				
1 - 1.6mm					MULTIPLY THE QUOTED OUTPUT BY THE				
31.8mm				CHOSEN	OPERATING	G FACTOR T	O GIVE THE		
	3 bar/300 kP	a				OL	JTPUT		
	85°C								
	6 bar/600 kP	а							

DUAL FUEL/ELECTRIC INFORMATION (where applicable)				
Position of cable exit point Back of leg				
Distance from floor to cable exit point 37mm				
Element	300W	300W	400W	400W

Please note: These towel rails are handmade and therefore subject to a tolerance of +/- 6mm on all measurements This drawing: Is the property of Apollo Radiators Ltd and may not be reproduced or transmitted to third parties without authorisation APOLLO ravenna plus TCR4_15H technical specification





5°C

10°C

15°C

20°C

25°C

30°C

35°C

40°C

45°C

50°C

55°C 60°C

65°C

70°C

75°C

0.050

0.123

0.209

0.304

0.406

0.515

0.629

0.748

0.872

1.000

1.132

1.267

1.406

1.549

1.694

TEMPERATURE FACTORS FOR DIFFERENCES BETWEEN MEAN WATER TEMPERATURE AND ROOM TEMPERATURE IN °C AND °F OTHER THAN 50°C (90°F)

10°F

20°F

30°F

40°F

60°F

70°F

80°F

90°F

100°F

110°F

120°F

130°F

140°F

TO APPLY THE FACTORS SHOWN IN THE TABLE TO OUR QUOTED OUTPUTS MULTIPLY THE QUOTED OUTPUT BY THE

0.057

0.142

0.240

0.348

0.590

0.721

0.858

1.000

1.147

1.298

1.454

1.613

1.776

RAVENNA PLUS TCR4_15H DIMENSIONS (mm)				
Model code			TCR4_15H	
Width of radiator		(A)	509	
Model height			1500	
Pipe centres	Width	(B)	425	
	Depth	(D)	100	
Depth of rail		(E)	240	
No. of sections in insert			5	
Tapping centres	Inward	(C)	353	
Bracket positions			wall/floor plates	
Tannings			1/2"	

RAVENNA PLUS TCR4_15H WEIGHTS AND VOLUMES (per radiator)				
Model width (mm)	509			
Dry weight (A) Kg	19.98			
Water content (B) Litres	11.71			
Working weight (A+B) Kg	31.69			
Outputs: Watts ΔT=50k	1120			

The thermal outputs expressed at ΔT =50k comply with European regulation EN 442-2

Position of cable exit point Distance from floor to cable exit

ADDITION	NAL INFORMATION
Material	Brass (DZR)
Alloy thickness	1 - 1.6mm
Tube diameter	31.8mm
Maximum working pressure	3 bar/300 kPa
Maximum working temperature	85°C
Maximum testing pressure	6 bar/600 kPa
Material Alloy thickness Tube diameter Maximum working pressure Maximum working temperature	Brass (DZR) 1 - 1.6mm 31.8mm 3 bar/300 kPa 85°C

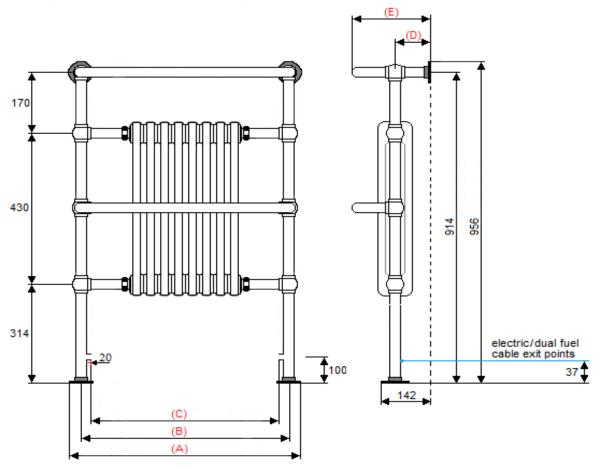
e	85°C 6 bar/600 kPa	CHOSEN OPERATING FACTOR TO GIVE THE OUTPUT
DUAL FUEL/ELECTRIC IN	FORMATION (where applicable)	
	Back of leg	
it point	37mm	

Please note: These towel rails are handmade and therefore subject to a tolerance of +/- 6mm on all measurements

400W

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APOLLO ravenna plus TCR6 technical specification



RAVENNA PLUS TCR6 DIMENSIONS (mm)				
Model code			TCR6	
Width of radiator		(A)	694	
Model height			956	
Dina contros	Width	(B)	610	
Pipe centres	Depth	(D)	100	
Depth of rail		(E)	240	
No. of sections in insert			8	
Tapping centres	Inward	(C)	538	
Bracket positions			wall/floor plates	
Tappings			1/2"	

RAVENNA PLUS TCR6 WEIGHTS AND VOLUMES (per radiator)			
Model width (mm)	694		
Dry weight (A) Kg	16.78		
Water content (B) Litres	9.60		
Working weight (A+B) Kg	26.38		
Outputs: Watts ΔT=50k	1025		

The thermal outputs expressed at $\Delta T {=} 50 k$ comply with European regulation EN 442-2

ADDITIONAL INFORMATION			
Material	Brass (DZR)		
Alloy thickness	1 - 1.6mm		
Tube diameter	31.8mm		
Maximum working pressure	3 bar/300 kPa		
Maximum working temperature	85°C		
Maximum testing pressure	6 bar/600 kPa		

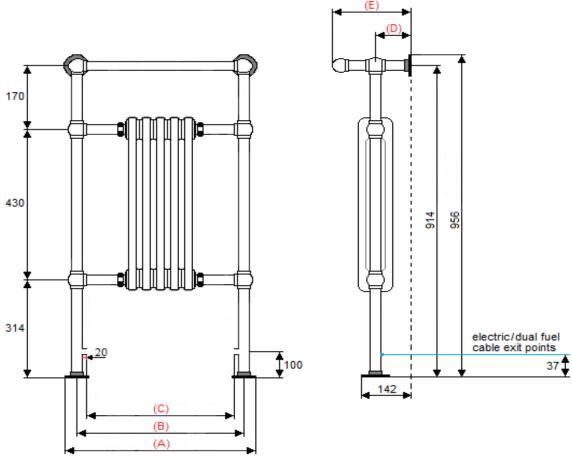
<u>TEMPERATURE</u>				
FACTORS	FOR DIFFER	ENCES BET\	WEEN MEAN	
WAT	TER TEMPER	ATURE AND	ROOM	
TEMPE	RATURE IN °	C AND °F OT	HER THAN	
	50°C	(90°F)		
5°C	0.050			
10°C	0.123	10°F	0.057	
15°C	0.209	20°F	0.142	
20°C	0.304	30°F	0.240	
25°C	0.406	40°F	0.348	
30°C	0.515	50°F	0.466	
35°C	0.629	60°F	0.590	
40°C	0.748	70°F	0.721	
45°C	0.872	80°F	0.858	
50°C	1.000	90°F	1.000	
55°C	1.132	100°F	1.147	
60°C	1.267	110°F	1.298	
65°C	1.406	120°F	1.454	
70°C	1.549	130°F	1.613	
75°C	1.694	140°F	1.776	
TO APPLY THE FACTORS SHOWN IN THE				
TABLE TO OUR QUOTED OUTPUTS				
MULTIPLY THE QUOTED OUTPUT BY THE				
CHOSEN OPERATING FACTOR TO GIVE THE				
OUTPUT				

Position of cable exit point
Distance from floor to cable exit point
Element
Back of leg
37mm
300W

Please note: These towel rails are handmade and therefore subject to a tolerance of +/- 6mm on all measurements

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APOLLO ravenna plus BJR technical specification



RAVENNA PLUS BJR DIMENSIONS (mm)				
Model code			BJR4	BJR6
Width of radiator		(A)	509	694
Model height			956	
Dina contrac	Width	(B)	425	610
Pipe centres	Depth	(D)	100	
Depth of rail		(E)	240	
No. of sections in insert			5	8
Tapping centres	Inward	(C)	353	538
Bracket positions			wall/floor plates	
Tappings			1/2"	

RAVENNA PLUS BJR WEIGHTS AND VOLUMES (per radiator)			
Model width (mm)	509	694	
Dry weight (A) Kg	11.87	15.98	
Water content (B) Litres	6.31	8.98	
Working weight (A+B) Kg	18.18	24.96	
Outputs: Watts ΔT=50k	645	985	

The thermal outputs expressed at ΔT =50k comply with European regulation EN 442-2

Position of cable exit point

Element

Distance from floor to cable exit point

ADDITIONAL INFORMATION			
Material	Brass (DZR)		
Alloy thickness	1 - 1.6mm		
Tube diameter	31.8mm		
Maximum working pressure	3 bar/300 kPa		
Maximum working temperature	85°C		
Maximum testing pressure	6 bar/600 kPa		

ADDITIONAL INFORMATION				
Material	Brass (DZR)			
Alloy thickness	1 - 1.6mm			
Tube diameter	31.8mm			
Maximum working pressure	3 bar/300 kPa			
Maximum working temperature	85°C			
Maximum testing pressure	6 bar/600 kPa			
DUAL FUEL/ELECTRIC INFORMATION (where applicable)				

Please note: These towel rails are handmade and therefore subject to a tolerance of +/- 6mm on all measurements

Back of leg

37mm

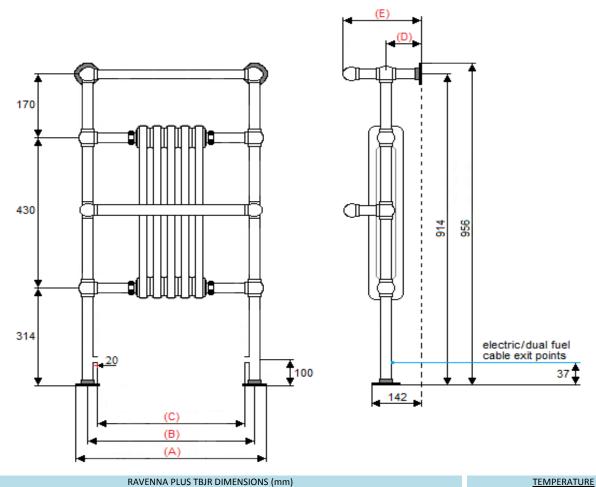
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FACTORS FOR DIFFERENCES BETWEEN MEAN				
WATER TEMPERATURE AND ROOM				
TEMPE	RATURE IN	°C AND °F	OTHER THAN	
	50	°C (90°F)		
5°C	0.050			
10°C	0.123	10°F	0.057	
15°C	0.209	20°F	0.142	
20°C	0.304	30°F	0.240	
25°C	0.406	40°F	0.348	
30°C	0.515	50°F	0.466	
35°C	0.629	60°F	0.590	
40°C	0.748	70°F	0.721	
45°C	0.872	80°F	0.858	
50°C	1.000	90°F	1.000	
55°C	1.132	100°F	1.147	
60°C	1.267	110°F	1.298	
65°C	1.406	120°F	1.454	
70°C	1.549	130°F	1.613	
75°C	1.694	140°F	1.776	
TO APPLY THE FACTORS SHOWN IN THE				
TABLE TO OUR QUOTED OUTPUTS				
MULTIPLY THE QUOTED OUTPUT BY THE				
CHOSEN OPERATING FACTOR TO GIVE THE				

OUTPUT

TEMPERATURE

APOLLO ravenna plus TBJR technical specification



RAVENNA PLUS TBJR DIMENSIONS (mm)					
Model code			TBJR4	TBJR4 TBJR6	
Width of radiator		(A)	509	694	
Model height			956		
Pipe centres	Width	(B)	425	610	
Pipe centres	Depth	(D)	100		
Depth of rail		(E)	240		
No. of sections in insert			5	8	
Tapping centres	Inward	(C)	353	538	
Bracket positions			wall/floor plates		
Tappings			1/2"		

RAVENNA PLUS TBJR WEIGHTS AND VOLUMES (per radiator)				
Model width (mm)	509	694		
Dry weight (A) Kg	13.36	17.63		
Water content (B) Litres	6.80	9.60		
Working weight (A+B) Kg	20.16	27.23		
Outputs: Watts ΔT=50k	670	1025		

The thermal outputs expressed at $\Delta T = 50 k$ comply with European regulation EN 442-2

ADDITIONAL INFORMATION			
Material	Brass (DZR)		
Alloy thickness	1 - 1.6mm		
Tube diameter	31.8mm		
Maximum working pressure	3 bar/300 kPa		
Maximum working temperature	85°C		
Maximum testing pressure	6 bar/600 kPa		

WATER TEMPERATURE AND ROOM					
TEMPERATURE IN °C AND °F OTHER THAN					
	50	°C (90°F)			
5°C	0.050				
10°C	0.123	10°F	0.057		
15°C	0.209	20°F	0.142		
20°C	0.304	30°F	0.240		
25°C	0.406	40°F	0.348		
30°C	0.515	50°F	0.466		
35°C	0.629	60°F	0.590		
40°C	0.748	70°F	0.721		
45°C	0.872	80°F	0.858		
50°C	1.000	90°F	1.000		
55°C	1.132	100°F	1.147		
60°C	1.267	110°F	1.298		
65°C	1.406	120°F	1.454		
70°C	1.549	130°F	1.613		
75°C	1.694	140°F	1.776		
TO APPLY THE FACTORS SHOWN IN THE					
TABLE TO OUR QUOTED OUTPUTS					
MULTIPLY THE QUOTED OUTPUT BY THE					
CHOSEN OPERATING FACTOR TO GIVE THE					
OUTPUT					

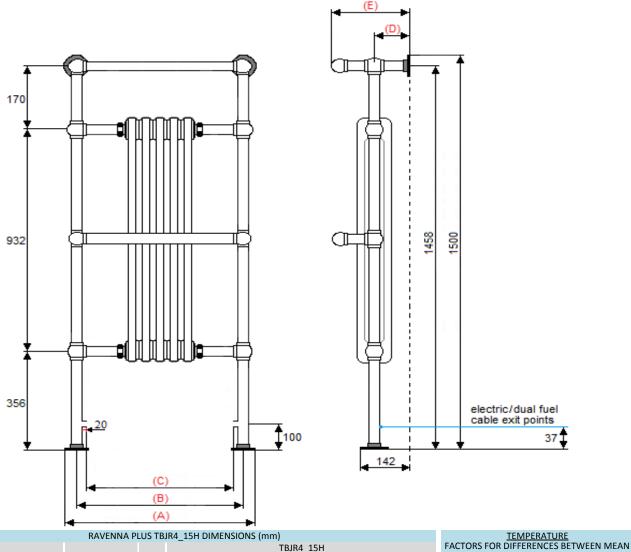
FACTORS FOR DIFFERENCES BETWEEN MEAN

DUAL FUEL/ELECTRIC INFORMATION (where applicable)			
Position of cable exit point	Back of leg		
Distance from floor to cable exit point	37mm		
Element	300W		

Please note: These towel rails are handmade and therefore subject to a tolerance of +/- 6mm on all measurements

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APOLLO ravenna plus TBJR4_15H technical specification



RAVENNA PLUS TBJR4_15H DIMENSIONS (mm)			
Model code			TBJR4_15H
Width of radiator		(A)	509
Model height			1500
Pipe centres	Width	(B)	425
	Depth	(D)	100
Depth of rail		(E)	240
No. of sections in insert			5
Tapping centres	Inward	(C)	353
Bracket positions			wall/floor plates
Tappings			1/2"

RAVENNA PLUS TCR4_15H WEIGHTS AND VOLUMES (per radiator)				
Model width (mm)	509			
Dry weight (A) Kg	20.73			
Water content (B) Litres	11.71			
Working weight (A+B) Kg	32.44			
Outputs: Watts ΔT=50k	1120			

The thermal outputs expressed at ΔT =50k comply with European regulation EN 442-2

Position of cable exit point

Distance from floor to cable exit point

ADDITIONAL INFORMATION			
Material	Brass (DZR)		
Alloy thickness	1 - 1.6mm		
Tube diameter	31.8mm		
Maximum working pressure	3 bar/300 kPa		
Maximum working temperature	85°C		
Maximum testing pressure	6 bar/600 kPa		

		75°C	1.694	140°F	1.776	
ADDITIO	NAL INFORMATION	TO AP	PLY THE FA	CTORS SHO	OWN IN THE	
	Brass (DZR)	TAE	SLE TO OUR	QUOTED	OUTPUTS	
s	1 - 1.6mm	MULTIPLY THE QUOTED OUTPUT BY THE CHOSEN OPERATING FACTOR TO GIVE TH			TPUT BY THE	
r	31.8mm					
rking pressure	3 bar/300 kPa	OUTPUT		TO GIVE THE		
rking temperature	85°C	OUTPOT				
ting pressure	6 bar/600 kPa					
DUAL FUEL/ELECTRIC INFORMATION (where applicable)						

WATER TEMPERATURE AND ROOM TEMPERATURE IN °C AND °F OTHER THAN 50°C (90°F)

10°F

20°F

30°F

40°F

50°F

60°F

70°F

80°F

90°F

100°F

110°F

120°F

130°F

0.057

0.142

0.240

0.348

0.466

0.590

0.721

0.858

1.000

1.147

1.298

1.454

1.613 1.776

0.050

0.123

0.209

0.304

0.406

0.515

0.629

0.748

0.872

1.000

1.132

1.267

1.406

1.549

5°C 10°C

15°C

20°C

25°C

30°C

35°C

40°C

45°C

50°C

55°C

60°C

65°C

70°C

400W Please note: These towel rails are handmade and therefore subject to a tolerance of +/- 6mm on all measurements

Back of leg

37mm

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