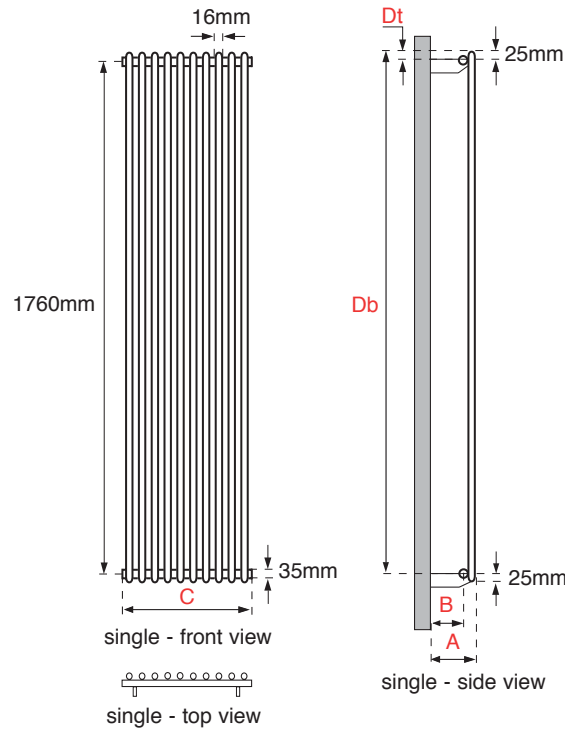


APOLLO rimini vertical single tube on tube technical specification



RIMINI VERTICAL (SINGLE) TUBE ON TUBE DIMENSIONS (mm)			
MODEL HEIGHT			1810
Width of radiator			(No. tubes x 28 + 2)
Tube diameter			16
Collector diameter			35
Section width (tube + space)			28
Wall to front of rad		(A)	86
Wall to pipe centres	Side entry	(B)	55
	Bottom entry		N/A
Tapping centres	Side entry	(C)	Width
	Bottom entry		N/A
Pipe centres	Side entry		Width plus valves
	Bottom entry		N/A
Bracket positions	Top	(Dt)	25
	Bottom	(Db)	1785

TEMPERATURE			
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 °F	0.057
10 °C	0.123	20 °F	0.142
15 °C	0.209	30 °F	0.240
20 °C	0.304	40 °F	0.348
25 °C	0.406	50 °F	0.466
30 °C	0.515	60 °F	0.590
35 °C	0.629	70 °F	0.721
40 °C	0.748	80 °F	0.858
45 °C	0.872	90 °F	1.000
50 °C	1.000	100 °F	1.147
55 °C	1.132	110 °F	1.298
60 °C	1.267	120 °F	1.454
65 °C	1.406	130 °F	1.613
70 °C	1.549	140 °F	1.776
75 °C	1.694		

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

RIMINI SINGLE WHITE WEIGHTS AND VOLUMES (per radiator)			
Model width mm	300	400	500
Dry weight (A) Kg	8.60	12.10	15.50
Water content (B) Litres	3.10	4.40	5.60
Working weight (A+B) Kg	11.70	16.50	21.10
Outputs: Watts $\Delta T=50k$	614	860	1105

RIMINI SINGLE CHROME WEIGHTS AND VOLUMES (per radiator)			
Model width mm	300	400	500
Dry weight (A) Kg	8.60	12.10	15.50
Water content (B) Litres	3.10	4.40	5.60
Working weight (A+B) Kg	11.70	16.50	21.10
Outputs: Watts $\Delta T=50k$	491	688	884

ADDITIONAL INFORMATION		
Material		E260 grade carbon steel
Steel tube diameter		16mm
Steel thickness	Collector	1.2mm
	Tubes	1.5mm
Maximum working pressure		7 bar/700 kPa
Testing pressure		No more than 9.1 bar
Maximum working temperature		85°C

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

APOLLO rimini vertical double tube on tube technical specification

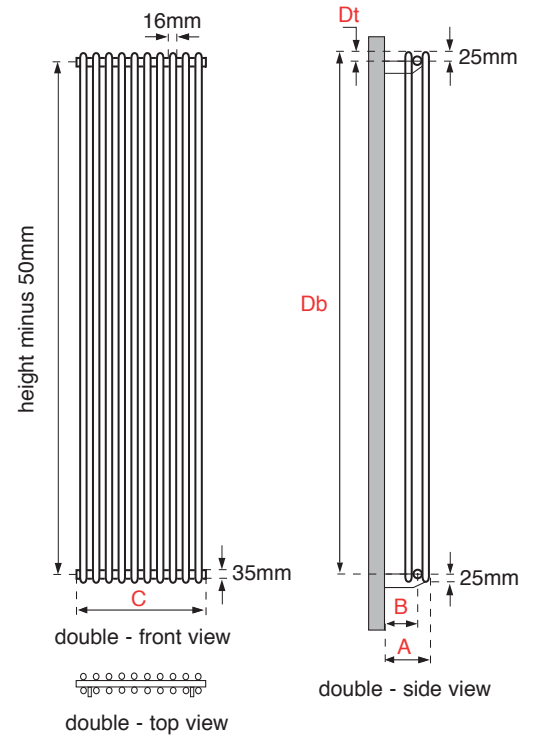
RIMINI VERTICAL DOUBLE TUBE ON TUBE DIMENSIONS (mm)			
MODEL HEIGHTS 1010, 1210, 1410, 1810			
Width of radiator			(No. tubes x 28 + 2)
Tube diameter			16
Collector diameter			35
Section width (tube + space)			28
Wall to front of rad		(A)	86
Wall to pipe centres	Side entry	(B)	55
	Bottom entry		N/A
Tapping centres	Side entry	(C)	Width
	Bottom entry		N/A
Pipe centres	Side entry		Width plus valves
	Bottom entry		N/A
Bracket positions	Top	(Dt)	25
	Bottom	(Db)	1785

RIMINI DOUBLE WHITE WEIGHTS AND VOLUMES (per 1010mm radiator)			
Model width mm	400	500	600
Dry weight (A) Kg	13.30	17.10	20.90
Water content (B) Litres	4.80	6.10	7.50
Working weight (A+B) Kg	18.10	23.20	28.40
Outputs: Watts $\Delta T=50k$	776	998	1220

RIMINI DOUBLE WHITE WEIGHTS AND VOLUMES (per 1210mm radiator)				
Model width mm	300	400	500	600
Dry weight (A) Kg	11.30	15.80	20.40	24.90
Water content (B) Litres	4.00	5.60	7.20	9.00
Working weight (A+B) Kg	15.30	21.40	27.60	33.90
Outputs: Watts $\Delta T=50k$	661	925	1190	1454

RIMINI DOUBLE WHITE WEIGHTS AND VOLUMES (per 1410mm radiator)				
Model width mm	300	400	500	600
Dry weight (A) Kg	13.00	18.20	23.40	28.60
Water content (B) Litres	4.50	6.30	8.10	9.90
Working weight (A+B) Kg	17.50	24.50	31.50	38.50
Outputs: Watts $\Delta T=50k$	766	1072	1378	1684

RIMINI DOUBLE WHITE WEIGHTS AND VOLUMES (per 1810mm radiator)				
Model width mm	300	400	500	600
Dry weight (A) Kg	16.50	23.10	29.70	36.30
Water content (B) Litres	5.70	8.00	10.30	12.60
Working weight (A+B) Kg	22.20	31.10	40.00	48.90
Outputs: Watts $\Delta T=50k$	951	1331	1712	2092



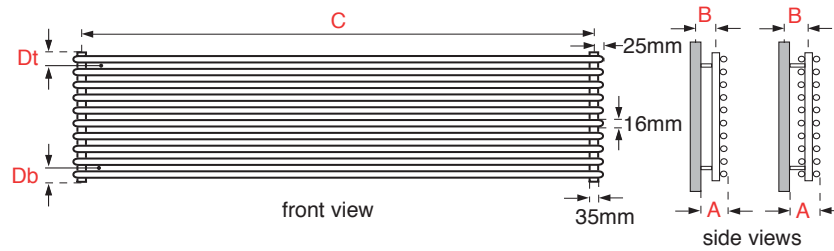
TEMPERATURE			
FACTORS FOR DIFFERENCES BETWEEN MEAN WATER TEMPERATURE AND ROOM TEMPERATURE IN °C AND °F OTHER THAN 50 °C (90 °F)			
5 °C	0.050	10 °F	0.057
10 °C	0.123	20 °F	0.142
15 °C	0.209	30 °F	0.240
20 °C	0.304	40 °F	0.348
25 °C	0.406	50 °F	0.466
30 °C	0.515	60 °F	0.590
35 °C	0.629	70 °F	0.721
40 °C	0.748	80 °F	0.858
45 °C	0.872	90 °F	1.000
50 °C	1.000	100 °F	1.147
55 °C	1.132	110 °F	1.298
60 °C	1.267	120 °F	1.454
65 °C	1.406	130 °F	1.613
70 °C	1.549	140 °F	1.776
75 °C	1.694		

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

ADDITIONAL INFORMATION		
Material		E260 grade carbon steel
Steel tube diameter		16mm
Steel thickness	Collector	1.2mm
	Tubes	1.5mm
Maximum working pressure		7 bar/700 kPa
Testing pressure		No more than 9.1 bar
Maximum working temperature		85°C

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

APOLLO rimini horizontal single & double tube on tube technical specification



RIMINI HORIZONTAL TUBE ON TUBE DIMENSIONS (mm)				
MODEL WIDTHS 1010, 1210, 1410, 1810				
Height of radiator			(No. tubes x 28 + 2)	
Tube diameter			16	
Collector diameter			35	
Section width (tube + space)			28	
			Single	Double
Wall to front of rad		(A)	101	112
Wall to pipe centres	Side entry		N/A	N/A
	Bottom entry	(B)	70	81
Tapping centres	Side entry		N/A	N/A
	Bottom entry	(C)	Width less 50	
Pipe centres	Side entry		N/A	N/A
	Bottom entry		Width less 50	
Bracket positions	Top	(Dt)	30	
	Bottom	(Db)	30	

ADDITIONAL INFORMATION		
Material		E260 grade carbon steel
Steel tube diameter		16mm
Steel thickness	Collector	1.2mm
	Tubes	1.5mm
Maximum working pressure		7 bar/700 kPa
Testing pressure		No more than 9.1 bar
Maximum working temperature		85°C

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

RIMINI SINGLE WHITE WEIGHTS AND VOLUMES (per radiator)			
Model height mm	300	400	500
Dry weight (A) Kg	8.60	12.10	15.50
Water content (B) Litres	3.10	4.40	5.60
Working weight (A+B) Kg	11.70	16.50	21.10
Outputs: Watts $\Delta T=50k$	614	860	1105

RIMINI SINGLE CHROME WEIGHTS AND VOLUMES (per radiator)			
Model height mm	300	400	500
Dry weight (A) Kg	8.60	12.10	15.50
Water content (B) Litres	3.10	4.40	5.60
Working weight (A+B) Kg	11.70	16.50	21.10
Outputs: Watts $\Delta T=50k$	491	688	884

RIMINI DOUBLE WHITE WEIGHTS AND VOLUMES (per 1010mm radiator)			
Model height mm	400	500	600
Dry weight (A) Kg	13.30	17.10	20.90
Water content (B) Litres	4.80	6.10	7.50
Working weight (A+B) Kg	18.10	23.20	28.40
Outputs: Watts $\Delta T=50k$	776	998	1220

RIMINI DOUBLE WHITE WEIGHTS AND VOLUMES (per 1210mm radiator)				
Model height mm	300	400	500	600
Dry weight (A) Kg	11.30	15.80	20.40	24.90
Water content (B) Litres	4.00	5.60	7.20	9.00
Working weight (A+B) Kg	15.30	21.40	27.60	33.90
Outputs: Watts $\Delta T=50k$	661	925	1190	1454

RIMINI DOUBLE WHITE WEIGHTS AND VOLUMES (per 1410mm radiator)				
Model height mm	300	400	500	600
Dry weight (A) Kg	13.00	18.20	23.40	28.60
Water content (B) Litres	4.50	6.30	8.10	9.90
Working weight (A+B) Kg	17.50	24.50	31.50	38.50
Outputs: Watts $\Delta T=50k$	766	1072	1378	1684

RIMINI DOUBLE WHITE WEIGHTS AND VOLUMES (per 1810mm radiator)				
Model height mm	300	400	500	600
Dry weight (A) Kg	16.50	23.10	29.70	36.30
Water content (B) Litres	5.70	8.00	10.30	12.60
Working weight (A+B) Kg	22.20	31.10	40.00	48.90
Outputs: Watts $\Delta T=50k$	951	1331	1712	2092

TEMPERATURE			
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	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

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