



COMMERCIAL HEATING SOLUTIONS



TOWEL RAILS

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A brand of IRSAP, Italy's leading manufacturer of design led radiators.

EDS 1030/2 25.10.21

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Clyde is a brand of the IRSAP; Italy's leading manufacturer of design led radiators. With over 50 years experience, we have the expertise to produce the best in quality & customer service.

Clyde provides bespoke solutions for LSTs, Cast Iron, Multi Column and Aluminium radiators. With a wide range of traditional and contemporary radiators, Clyde's solution based approach is designed to ensure we supply the ideal solution for all commercial and industrial requirements.

Our dedicated team of technical advisors and estimators will discuss your installation including the calculation of your heat output requirements (from drawings if necessary), arrange a full quotation based on your exact project specifications and provide lead times. They can also arrange a site visit from our National Sales Network if required.

For more information about Clyde or any of our products, please contact our customer service department: 01342 305522 / 305566

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# CURVE HYDRONIC



## TECHNICAL DATA

### PRODUCT FEATURES

- 25mm curved cross tubes
- 40mm 'D' shaped collectors
- High quality Italian design and Manufacture
- Certified to UKCA Standard BS EN442
- White RAL 9016 and Chrome as standard, 25 RAL colours & 28 special finishes
- 10 Year guarantee
- Max. Working Temperature: 95°C



### HEAT EMISSION RATES

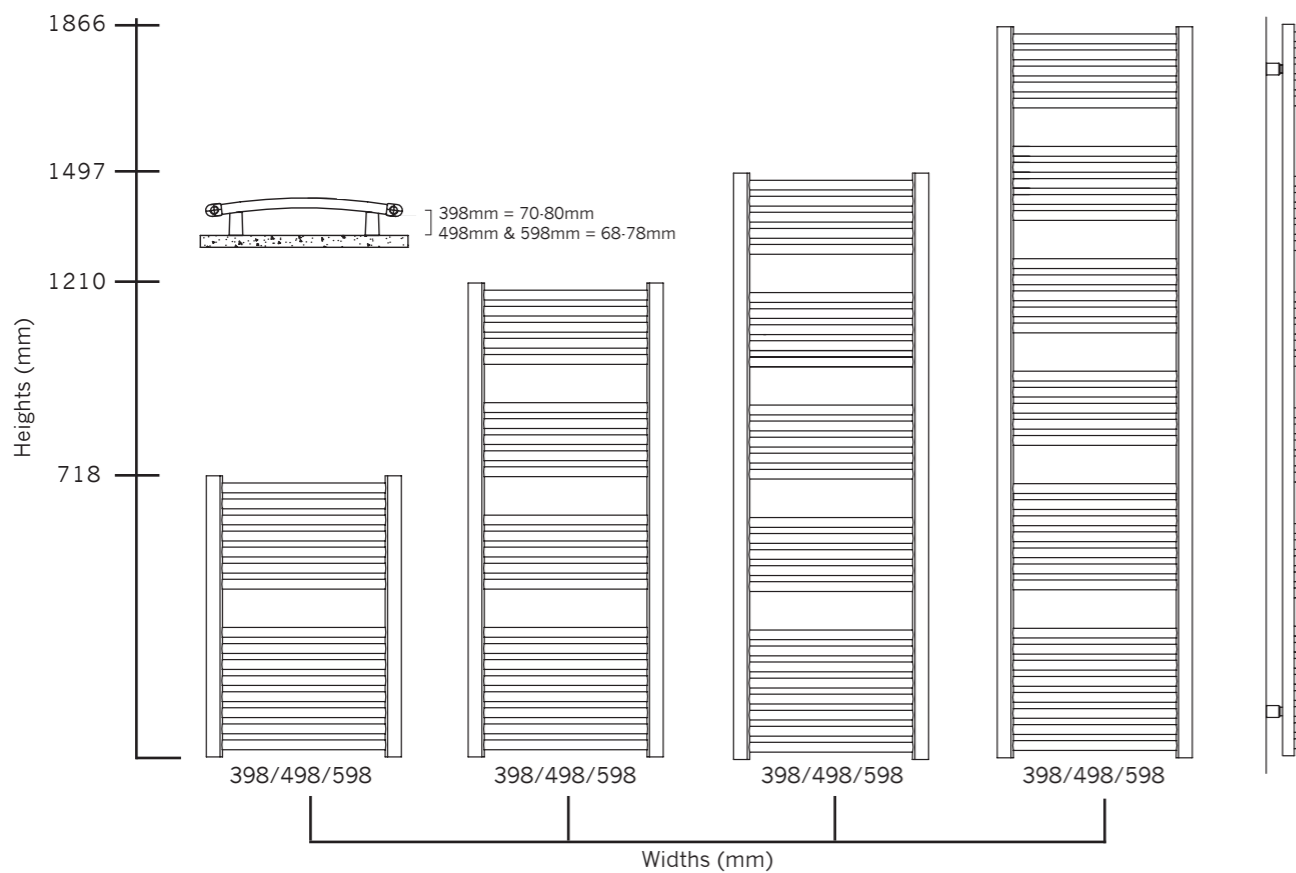
- $\Delta T50$  (75°C / 65°C / 20°C)
- $\Delta T55.5$  (82°C / 71°C / 21°C)
- $\Delta T60$  (90°C / 70°C / 20°C)
- BS EN 442-1 conditions of  $\Delta T50$

### RANGE SELECTION

- 4 heights from 718mm to 1866mm
- 3 widths 398mm, 498mm & 598mm
- Hydronic or Electric options (see EDS 1040 for full electric range)

All Curve towel rails are available with a dual fuel option, please call 01342 305550 for more information

## TECHNICAL DRAWINGS



## TECHNICAL SPECIFICATIONS

- Made from steel
- 1/2" flow and return
- Connection / blank bushes & airvent supplied with each towel rail
- Maximum operating pressure 8 bar
- Test Pressure 10.5 Bar

## PIPE CENTRES

- Pipe centres left to right = width - 44mm
- Pipe centres from wall:  
398mm = 70mm - 80mm  
498/598mm wide = 68mm - 78mm
- Depth from wall:  
398mm wide = 95mm - 105mm  
498mm wide = 100mm - 110mm  
598mm wide = 105mm - 115mm

## CURVE MODELS AND CODES - PAINTED

Model	BS EN 442 Emission Rates				Towel Rail Technical Details						
	75/65/20°C $\Delta T50$		82/71/21°C $\Delta T55.5$	90/70/20°C $\Delta T60$	Overall Height H (mm)	Overall Width W (mm)	Bore Interaxis (mm)	Depth D (mm)	Depth From Wall (mm)	Dry weight (kg)	Water content (litres)
	watts	exponent	watts	watts							
CURV7139	296	1.21	334	376	718	398	354	45	89-104	4.41	3.39
CURV7149	351	1.20	397	446	718	498	454	54	95-110	5.14	4.02
CURV7159	406	1.20	459	516	718	598	554	63.5	105-120	5.97	4.66
CURV1239	472	1.19	533	599	1210	398	354	45	89-104	6.90	5.41
CURV1249	557	1.19	629	707	1210	498	454	54	95-110	8.06	6.38
CURV1259	641	1.19	724	814	1210	598	554	63.5	105-120	9.32	7.35
CURV1439	578	1.24	653	734	1497	398	354	45	89-104	8.34	6.63
CURV1449	682	1.24	771	866	1497	498	454	54	95-110	9.84	7.81
CURV1459	785	1.24	887	997	1497	598	554	63.5	105-120	11.33	8.99
CURV1839	722	1.23	816	917	1866	398	354	45	89-104	10.38	8.27
CURV1849	851	1.22	962	1081	1866	498	454	54	95-110	12.25	9.75
CURV1859	980	1.21	1107	1245	1866	598	554	63.5	105-120	14.12	11.23

## CURVE MODELS AND CODES - CHROME

Model	BS EN 442 Emission Rates				Towel Rail Technical Details						
	75/65/20°C $\Delta T50$		82/71/21°C $\Delta T55.5$	90/70/20°C $\Delta T60$	Overall Height H (mm)	Overall Width W (mm)	Bore Interaxis (mm)	Depth D (mm)	Depth From Wall (mm)	Dry weight (kg)	Water content (litres)
	watts	exponent	watts	watts							
CURV7139C	183	1.21	207	232	718	398	354	45	89-104	4.85	3.39
CURV7149C	218	1.20	246	277	718	498	454	54	95-110	5.65	4.02
CURV7159C	252	1.20	285	320	718	598	554	63.5	105-120	6.57	4.66
CURV1239C	292	1.19	330	371	1210	398	354	45	89-104	7.59	5.41
CURV1249C	345	1.19	390	438	1210	498	454	54	95-110	8.86	6.38
CURV1259C	398	1.19	450	505	1210	598	554	63.5	105-120	10.25	7.35
CURV1439C	359	1.24	406	456	1497	398	354	45	89-104	9.17	6.63
CURV1449C	423	1.24	478	537	1497	498	454	54	95-110	10.82	7.81
CURV1459C	487	1.24	550	618	1497	598	554	63.5	105-120	12.47	8.99
CURV1839C	448	1.23	506	569	1866	398	354	45	89-104	11.41	8.27
CURV1849C	528	1.22	597	671	1866	498	454	54	95-110	13.47	9.75
CURV1859C	608	1.21	687	772	1866	598	554	63.5	105-120	15.53	11.23

We offer a fully electric version of the Curve towel rail, please see EDS 1040 for full details and visit our website [www.clyderadiators.co.uk/curveelectric](http://www.clyderadiators.co.uk/curveelectric)

## PACKAGING, CONTENTS, BRACKET POSITIONS

### PACKING & CONTENTS

Curve ladder rails are supplied in a polythene wrap and boxed.

You should have:

- 1 Towel Rail
- 4 Wall brackets (in parts)
- 1 Airvent

You will need:

- Tape measure
- Electric drill and bits
- Spirit level
- Screwdrivers
- Allen Key

### BRACKET POSITIONS Fig.1.

L mm	L' mm	P mm	M1 mm
398	354	40	95-105
498	454	47	100-110
598	554	57	105-115

● = recommended bracket positions

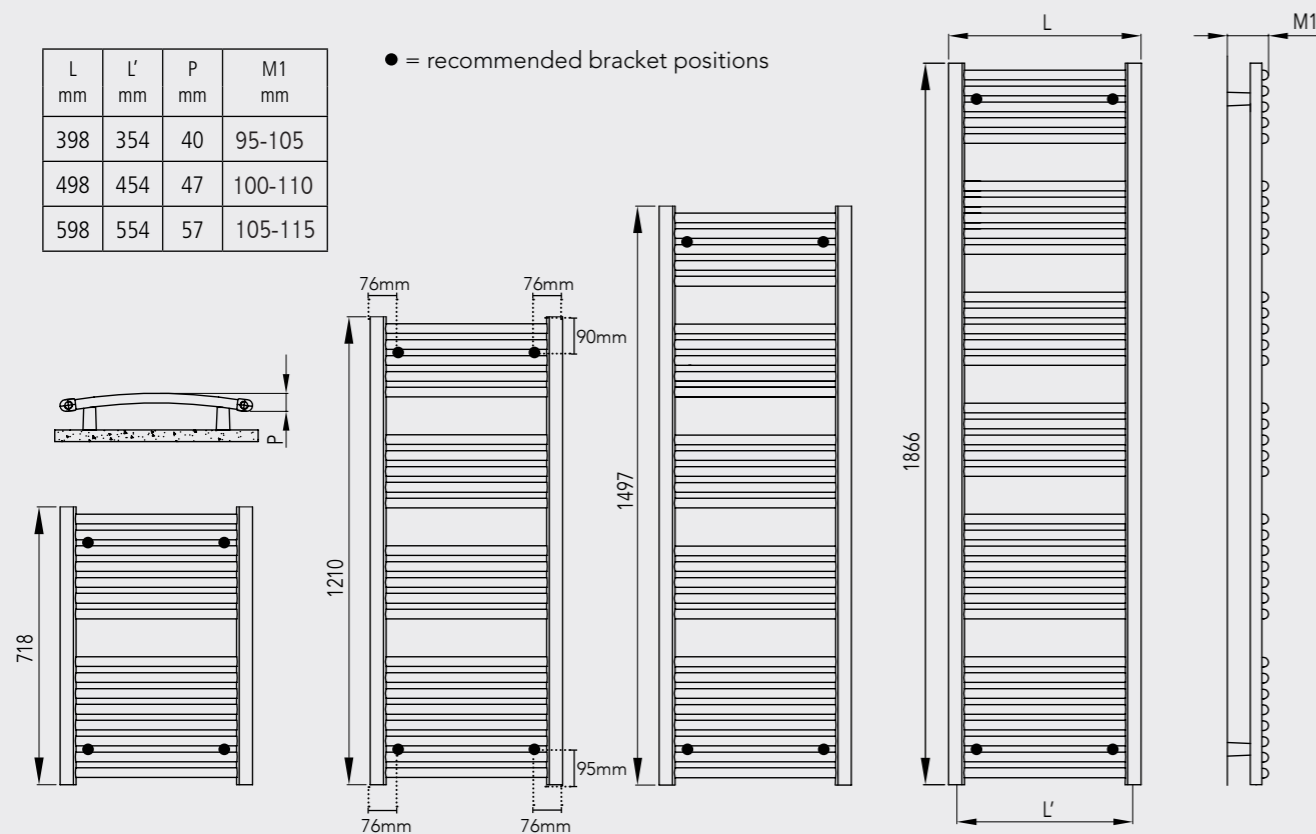


Fig.2.

Bracket Assembly



Before installing the towel rail please affix the provided air vent.

As per Fig.1. Bracket positions

Width = width of towel rail less 152mm (76mm either side)

Height = Top brackets should be 90mm down from the top of the towel rail.  
Bottom brackets should be 95mm up from the base of the towel rail.

Mark brackets as per Fig.1. using a spirit level.

Fit Bracket sleeve Fig.2. to wall using suitable fixings.

Ensure that the grub screw on the sleeve is facing downwards.

Insert bracket body into the sleeves on the wall.

Offer towel rail up to the brackets and insert bracket head on the top two brackets and then onto the lower two brackets.

Ensure the towel rail is vertical and tighten grub screws on bracket sleeves.

Insert bracket caps.

## PIPE CENTRES, COMMISSIONING, CARRYING RADIATORS

### PIPE CENTRES

Pipe centres left to right = width minus 44 mm

Pipe centres from wall = 398mm wide = 70mm · 80mm  
498mm wide = 68mm · 78mm  
598mm wide = 68mm · 78mm

Depth from wall: 398mm wide = 95mm · 105mm  
498mm wide = 100mm · 110mm  
598mm wide = 105mm · 115mm

### COMMISSIONING

Please Note: In accordance with Part L1 2006 of the Building Regulations and BS7593:1992 code of practice for the treatment of hot water and central heating systems, we strongly recommend flushing the heating system post installation of new radiators and then adding the correct quantity and type of inhibitor for use with your radiator and system to prevent corrosion. Damage caused to systems not protected by a suitable inhibitor will not be covered by manufacturer's guarantee.

### CARRYING TOWEL RAILS

Always provide for sufficient manpower to make carrying safe. This towel rail should be carried in an upright position. Carrying the towel rail in a horizontal position (like a stretcher) will probably cause the towel rail to bow and potentially invalidate the warranty.



## CURVE COLOUR OPTIONS - 25 RAL COLOURS

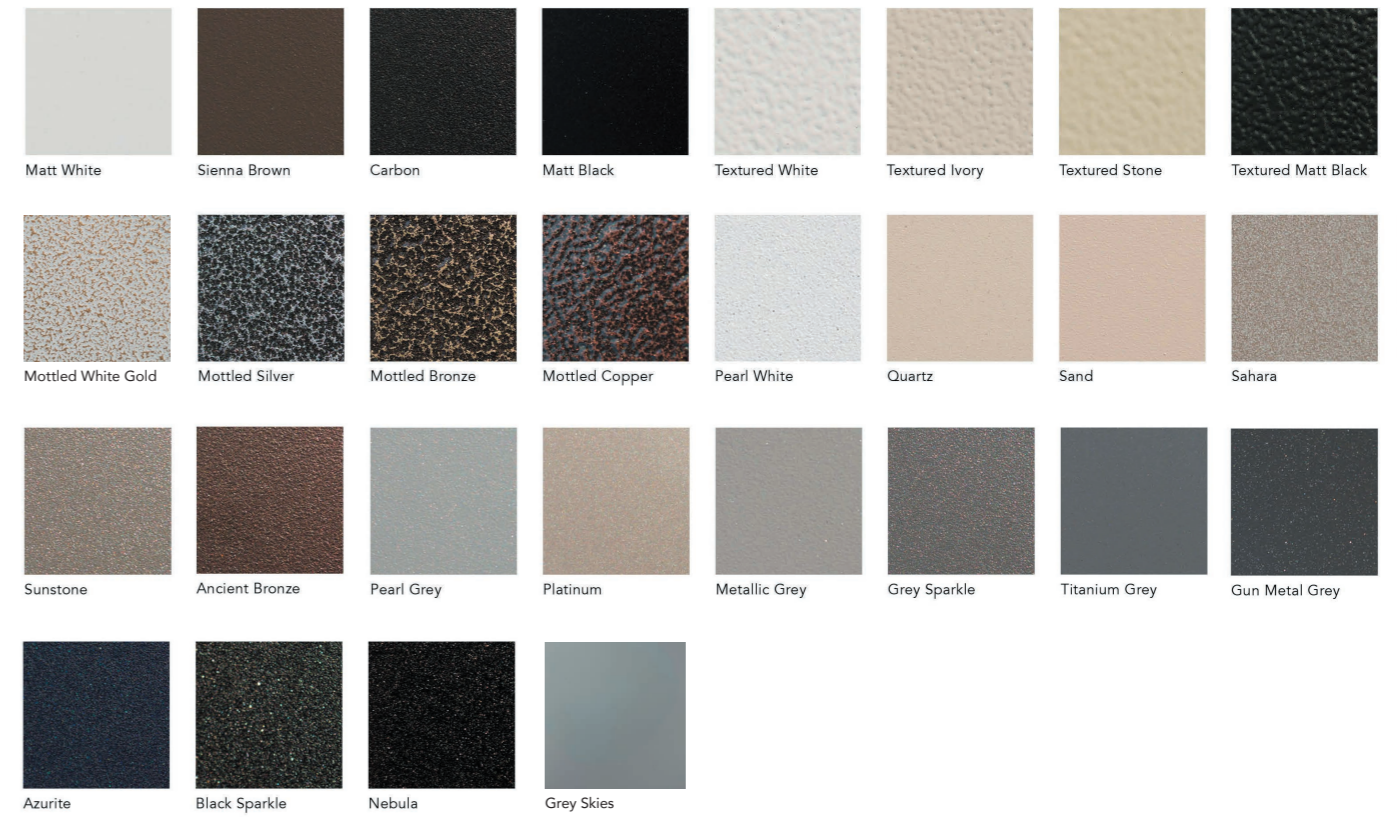
If you are looking to have your Curve towel rail in an alternative colour we offer the following RAL colour options, please specify chosen colour at time of order.



To discuss a quotation for other colours outside of the above range please call 01342 305550

## CURVE COLOUR OPTIONS - SPECIAL FINISHES

Choose from 28 Special finishes; Textured, Mottled, Metallics and Golds, please specify chosen colour at time of order.



## VALVES

Choose from our SUFFOLK, KENT or YORK valves to complement your Curve towel rail

### SUFFOLK VALVE

- Available in Chrome and White
- Available in Angled & Straight Configurations
- Pipe centres for angled valves allow an extra 80mm in total
- Suffolk Valves are not Bi-directional
- Supplied in pairs with one Wheelhead & one Lockshield
- Valve height - 55mm



### KENT VALVES

- Available in Chrome, White and Nickel
- Available in Angled & Straight Configurations
- Pipe centres for angled valves allow an extra 80mm in total
- Kent Valves are not Bi-directional
- Supplied in pairs with one Wheelhead & one Lockshield
- Valve height - 85mm



### YORK VALVES

- Available in Chrome and Nickel
- Available in Angled Only
- Pipe centres for angled valves allow an extra 72mm in total
- York Valves are not Bi-directional
- Supplied in pairs with one Wheelhead & one Lockshield
- Valve height - 79mm



## OTHER CLYDE PRODUCTS

### Clyde Radiators

### COMMERCIAL HEATING SOLUTIONS

- 6 Flat Panel radiators
- Lightweight & Efficient Sectional Aluminum
- Sectional Cast Iron in 4 different styles
- 2 Bespoke LST options, made to specification
- Sectional Steel Multi Column in over 3200 sizes
- Radiant Panels
- Trench: Practical aluminium convector for underfloor heating
- Mini: Aluminium and copper convector, in steel casing with aluminium grille



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