

# **CAST IRON RADIATORS**



COLUMN CAST IRON RADIATORS

FLAT SURFACE CAST IRON RADIATORS

CURTAIN CAST IRON RADIATORS

Standard Applicable TS EN 442

## CERTIFICATES



### Features

- ▶ Manufactured with superior and quality considerations.
- ▶ Long lasting.
- ▶ High thermal efficiency.
- ▶ Ensure maintaining of temperature for longer periods.
- ▶ Resistant to corrosion.
- ▶ Leakproof through intermediate joints.
- ▶ Specially designed edges and corners and resistance to impact.
- ▶ All our flat surface cast iron radiators have the **NF 137** certification.



COLUMN

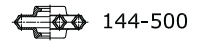
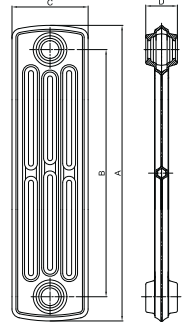
CURTAIN

FLAT SURFACE

# TECHNICAL SPECIFICATIONS

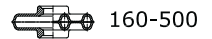
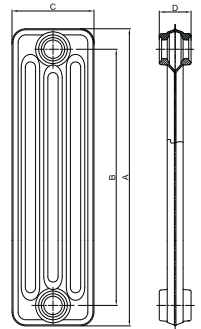
## COLUMN

SINGLE SECTION													
COLUMN	TYPES	Number of Columns	DIMENSIONS				Heating Surface (m²)	Water Volume (l)	Weight (kg)	THERMAL EFFICIENCIES $\Delta T=50^{\circ}\text{C}$		THERMAL EFFICIENCIES $\Delta T=60^{\circ}\text{C}$	
			A Heights (mm)	B Tapping Centers (mm)	C Depth (mm)	D Width (mm)				watt	kcal/h	watt	kcal/h
	144/350	4	420	350	144	60	0.150	0.65	3.917	85.8	73.8	109.0	94.0
	144/500	4	598	500	144	60	0.210	0.95	5.377	100.3	86.3	127.0	109.0
	144/650	4	748	650	144	60	0.260	1.10	6.610	124.5	107.1	158.0	136.0
	144/800	4	898	800	144	60	0.320	1.20	8.230	154.6	133.0	196.0	169.0
	221/350	6	420	350	221	60	0.230	1.00	6.367	131.6	113.2	167.0	143.0
	221/500	6	598	500	221	60	0.320	1.30	7.748	146.4	125.9	186.0	160.0
	221/800	6	898	800	221	60	0.480	1.80	11.915	280.2	241.0	355.0	305.0



## CURTAIN

SINGLE SECTION													
CURTAIN	TYPES	Number of Columns	DIMENSIONS				Heating Surface (m²)	Water Volume (l)	Weight (kg)	THERMAL EFFICIENCIES $\Delta T=50^{\circ}\text{C}$		THERMAL EFFICIENCIES $\Delta T=60^{\circ}\text{C}$	
			A Heights (mm)	B Tapping Centers (mm)	C Depth (mm)	D Width (mm)				watt	kcal/h	watt	kcal/h
	70/500	2	580	500	70	60	0.120	0.48	3.500	57.0	49.0	72.0	62.0
	160/350	4	430	350	160	60	0.185	0.80	4.458	86.2	74.1	109.0	94.0
	160/500	4	580	500	160	60	0.255	1.10	5.65	133.5	114.8	169.0	146.0
	160/900	4	980	900	160	60	0.440	1.50	10.54	165.8	142.6	210.0	181.0

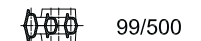
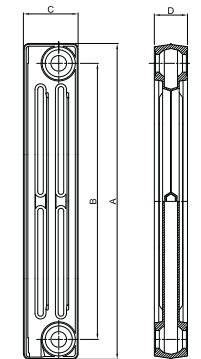


## FLAT SURFACE



137/047

SINGLE SECTION													
FLAT SURFACE	TYPES	Number of Columns	DIMENSIONS				Heating Surface (m²)	Water Volume (l)	Weight (kg)	THERMAL EFFICIENCIES $\Delta T=50^{\circ}\text{C}$		THERMAL EFFICIENCIES $\Delta T=60^{\circ}\text{C}$	
			A Heights (mm)	B Tapping Centers (mm)	C Depth (mm)	D Width (mm)				watt	kcal/h	watt	kcal/h
	99/350	3	420	350	99	60	0.145	0.61	3.745	61.1	52.5	78.0	67.0
	99/500	3	570	500	99	60	0.200	0.75	4.830	79.1	71.6	100.0	86.0
	99/623	3	693	623	99	60	0.240	0.80	5.501	93.2	80.2	118.0	102.0
	99/813	3	883	813	99	60	0.310	1.00	7.807	114.0	98.0	145.0	124.0
	134/350	4	420	350	134	60	0.185	0.78	4.542	76.5	65.8	97.0	84.0
	134/500	4	570	500	134	60	0.240	0.88	6.122	99.3	87.3	127.0	109.0
	134/623	4	693	623	134	60	0.310	1.09	7.365	118.0	101.5	150.0	129.0
	134/813	4	883	813	134	60	0.400	1.32	10.083	146.0	125.6	186.0	160.0



## Operating and test conditions for cast iron radiators

Heater Installation Type	Max. Operating Pressure*		Max. Operating Temperatures $^{\circ}\text{C}$	Test Pressures (Cold Water) bar
	Bar	mSS		
Hot Water or Steam	9	92	120	16-18

"Each section is tested as single and assembled under a pressure of 16-18 bars twice"

# VALVES



## Thermostatic Radiator Valve (Angle)

PN10/F type

Max. Temperature: 120 °C

Standard: EN 215

Sandblasted, Nickel Plated, Brass (EN 12164/165)

D	Ref. No.	L	B	H
G 1/2"	602120161	53	23	100,2
G 3/4"	602120180	63	26	100,2

## Ball Valve ( "T" Handle)

PN25 "T" Handle

Max. Temperature: -30 °C, +80 °C

Standard: TS 3148

Water, oil, Non-combustible gases

Sandblasted, Nickel Plated, Brass (EN 12164/165)



D	Ref. No.	L	A	H
G 1/2"	102122372	59	59,5	39,8
G 3/4"	102122373	68	59,5	42,2
G 1"	102122374	83	59,5	48

## RV2 Radiator Valve (Angle)

PN10

Max. Temperature: 120 °C

Standard: TS 579

Sandblasted, Nickel Plated, Brass (EN 12164/165)



D	Ref. No.	L	B	H
G 1/2"	102120332	54,4	23	51,5
G 3/4"	102120333	61,5	26	51,5

## "GV2" Check Radiator Valve (Angle)

PN10

Max. Temperature: 120 °C

Standard: TS 579

Sandblasted, Nickel Plated, Brass (EN 12164/165)



D	Ref. No.	L	B	H
G 1/2"	102120362	47,5	26	58,2
G 3/4"	102120363	53,7	29	65,1

## Filter

PN25

Max. Temperature: 180 °C

Sandblasted,

Brass (EN 12164/165)



D	Ref. No.	L
G 1/2"	601010001	57
G 3/4"	601010002	69

## Radiator Union (Straight)

PN10

Max. Temperature: 120 °C

Standard: TS 579

Sandblasted+Nickel Plated Brass (EN 12164/165)



D	Ref. No.	L
G 1/2"	601002007	53
G 3/4"	601002008	58

## Natural Gas Ball Valve (Full Bore)

PN5 PTFE

Temperature: -40 °C, +120 °C

Standard: EN 331

Combustible gases, natural gas

Sandblasted, Nickel Plated, Brass (EN 12164/165)



D	Ref. No.	d	L	A	H
G 1/2"	102122142	14	73	83	38
G 3/4"	102122143	19	78	83	41
G 1"	102122144	24	88	114	47

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