

Die Cast Aluminium Radiators

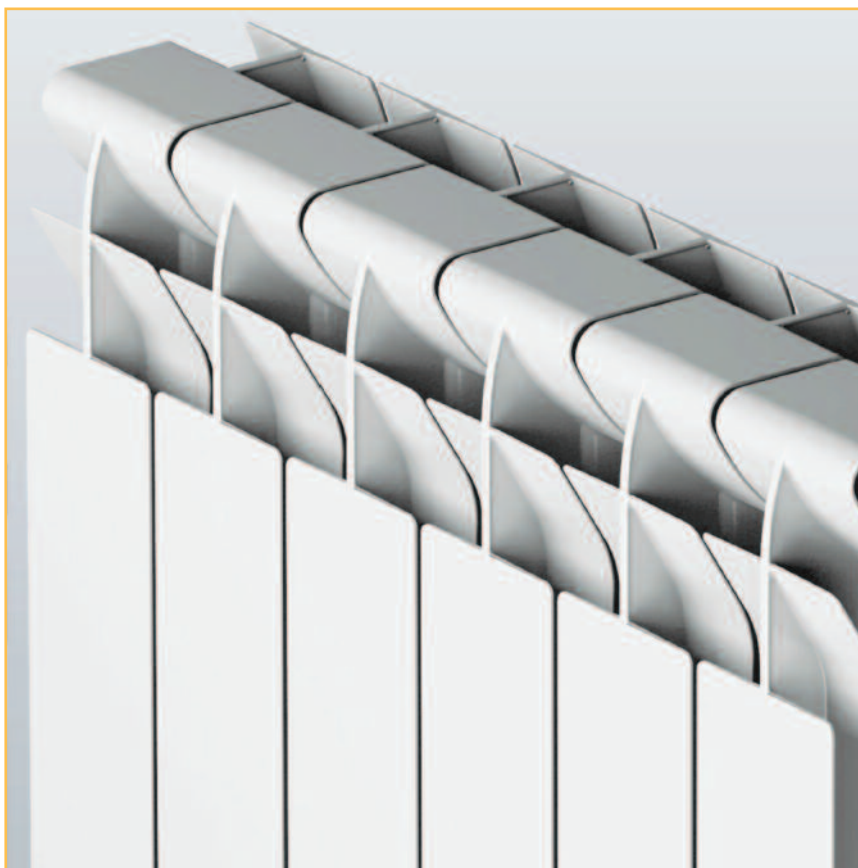
AEL faral tropical 95 plus

Original FARAL Aluminium Radiators, always appreciated often imitated since 1966

1966 was a good year, the Faral Tropical 95 was the first die cast aluminium radiator in the world to be manufactured, with a distinctive flat top and robust structure the Faral Tropical 95 has been the choice of many Architects and local authorities for over 50 years providing the highest heat output achievable from one of the most energy efficient low water content Aluminium radiators available.

The NEW Faral Tropical 95 plus range of Aluminium radiators are a sophisticated style of radiator which are very light in weight and provide easy handling and installation, each section of the Faral Tropical 95 plus radiator has width of 80mm and a depth of 95mm.

Taking care of the environment is important to Faral, each radiator goes through a double painted process which is finally heat sealed in a stove at 180°C to provide a strong impact resistant finish, the paints used during production on the FARAL radiators are certified as harmless and are below the limits according to EN71-3 standard used for childrens toys.



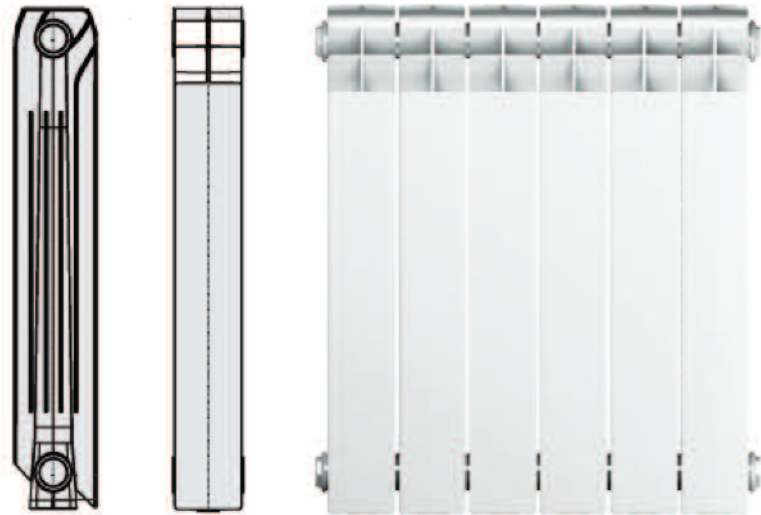
- The maximum operating pressure is 600kpa (6bar)
- The maximum operating pressure is 1000 Kpa (10 bar)
- Available in five heights
- Thermal outputs verified & tested to the European EN442 standards
- 10 Year manufacturers warranty
- Standard colour RAL9010
- Ideal for low temperature geothermal and solar systems.
- Suitable for all heating boilers including condensing

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HEATING SOLUTIONS





The White TA8W15 thermostatic valve set, see our comprehensive valve range which are available in many colours and styles.



Technical Data

Model Tropical 95 plus	Depth mm	Height mm	Centres mm	Length mm	Connection diameter inches	Water content lt/section	weight kg/section	Heat output EN442 $\Delta T = 50K$ watt/element	EN442 $\Delta T = 30K$ watt/element	Exponent n
T800	98	872	800	80	1/2" or 3/4"	0,4	2,110	182	90	1,3824
T700	98	772	700	80	1/2" or 3/4"	0,58	2,020	166	83	1,3618
T600	98	672	600	80	1/2" or 3/4"	0,68	1,740	150	76	1,3435
T500	98	572	500	80	1/2" or 3/4"	0,78	1,560	129	65	1,3397
T350	98	422	350	80	1/2" or 3/4"	0,88	1,120	93	48	1,3046

Tables for calculation of thermal output

Tropical 95 plus FT9-872

ΔT	0	1	2	3	4	5	6	7	8	9
20	51	55	58	62	66	70	74	78	82	86
30	90	94	98	102	107	111	116	120	124	129
40	134	138	143	148	152	157	162	167	172	177
50	182	187	192	197	202	208	213	218	223	229
60	234	239	245	250	256	261	267	273	278	284
70	290	295	301	307	313	319	324	330	336	342

Tropical 95 plus FT9-772

ΔT	0	1	2	3	4	5	6	7	8	9
20	48	51	54	58	61	65	68	72	76	79
30	83	87	91	95	98	102	106	110	115	119
40	123	127	131	136	140	144	149	153	157	162
50	166	171	176	180	185	189	194	199	204	208
60	213	218	223	228	233	238	243	248	253	258
70	263	268	273	279	284	289	294	300	305	310

plus Tropical 95 FT9-672

ΔT	0	1	2	3	4	5	6	7	8	9
20	44	47	50	53	56	59	62	66	69	72
30	76	79	82	86	89	93	97	100	104	108
40	111	115	119	123	126	130	134	138	142	146
50	150	154	158	162	166	171	175	179	183	187
60	192	196	200	205	209	214	218	222	227	231
70	236	240	245	250	254	259	263	268	273	278

Tropical 95 plus FT9-572

ΔT	0	1	2	3	4	5	6	7	8	9
20	38	40	43	46	48	51	54	56	59	62
30	65	68	71	74	77	80	83	86	89	92
40	96	99	102	105	109	112	115	119	122	126
50	129	132	136	139	143	147	150	154	157	161
60	165	168	172	176	180	183	187	191	195	199
70	202	206	210	214	218	222	226	230	234	238

Tropical 95 plus FT9-422

ΔT	0	1	2	3	4	5	6	7	8	9
20	28	30	32	34	36	38	40	42	44	46
30	48	50	52	54	56	58	60	63	65	67
40	69	72	74	76	79	81	83	86	88	90
50	93	95	98	100	103	105	108	110	113	115
60	118	120	123	125	128	131	133	136	139	141
70	144	147	149	152	155	157	160	163	166	168

Radiator Lengths

FARAL radiators are supplied in a maximum length of 15 pre joined sections for ease of transport, each 15 section radiator can quickly have other radiators joined to it on site with two nipples and a joining key, a joining key will pass through an 8 section radiator so for example a 31 section radiator could be supplied as a 15 section with two 8 section radiators.

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European Standard EN442 was brought into force to define "heat measurement sampling" for hot water radiators in all European countries, a positive step forward to ensuring radiators tested and approved will provide the stated heat output required and also give a guarantee that the product will be fit for purpose. EN442 provides a guarantee that the stated output of radiators from reputable manufacturers is correct and highlights and deters the use of poor quality untested radiators in European installations.

Plate Heat Exchanger Packages	Gas fired Condensing Boilers	Cast Iron Sectional Boilers	High Output Aluminium Radiators	Tubular Steel Radiators	Designer Bathroom Radiators	Corgi Approved Engineers
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