

**Original FARAL Aluminium Radiators,
always appreciated often imitated since 1966**

The FARAL Vertical Longo cast aluminium radiator provides aesthetically pleasing proportionality and balance as well as the highest heat output you can achieve from any radiator of similar width, this elegant vertical style is the most energy efficient low water content radiator available.

The Faral Vertical Longo 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 Vertical Longo radiator has width of 80mm and a depth of 80mm.

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.



Die Cast Aluminium Radiators

AEL
faral vertical longo 80

www.aelheating.com

- The maximum operating pressure is 600 Kpa (6 bar)
- Available in six 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

AEL
HEATING SOLUTIONS

riba
product
selector

EN 442
EUROHORM





The White TA8W15 thermostatic valve set, see our comprehensive valve range catalogue.

RAL Colours Available

Note : The Vertical Longo is also available in a choice of colours, these include RAL1015 , RAL1018, RAL3000 , RAL5010 , RAL6005, RAL7011 , RAL9005 and RAL9006 - please check delivery period and extra cost with AEL head office prior to placing an order.



Technical Data

Model Vertical LONGO 80	Depth mm	Height mm	Centres mm	Length mm	Connection diameter inches	Water content lt/section	weight kg/section	Heat output EN442 ΔT = 50K watt/element	EN442 ΔT = 30K watt/element	Exponent n
D2000	80	2042	2000	80	½" or ¾"	0,750	2,67	293	147	1,3490
D1800	80	1842	1800	80	½" or ¾"	0,680	2,44	271	136	1,3530
D1600	80	1642	1600	80	½" or ¾"	0,620	2,20	248	124	1,3500
D1400	80	1442	1400	80	½" or ¾"	0,550	1,97	224	113	1,3510
D1200	80	1242	1200	80	½" or ¾"	0,490	1,74	200	100	1,3510
D1000	80	1042	1000	80	½" or ¾"	0,430	1,50	174	87	1,3510

Tables for calculation of thermal output

Longo 80 FV-2042

ΔT	0	1	2	3	4	5	6	7	8	9
20	87	93	99	105	111	117	124	130	137	143
30	150	157	164	171	178	185	192	199	206	214
40	221	229	236	244	252	259	267	275	283	291
50	299	307	315	323	332	340	348	357	365	374
60	382	391	399	408	417	426	435	444	453	462
70	471	480	489	498	507	516	526	535	545	554

Longo 80 FV-1842

ΔT	0	1	2	3	4	5	6	7	8	9
20	80	86	91	97	103	108	114	120	126	132
30	139	145	151	158	164	171	177	184	191	197
40	204	211	218	225	232	240	247	254	261	269
50	276	284	291	299	306	314	322	330	337	345
60	353	361	369	377	385	393	402	410	418	426
70	435	443	452	460	469	477	486	495	503	512

Longo 80 FV-1642

ΔT	0	1	2	3	4	5	6	7	8	9
20	73	78	83	89	94	99	105	110	116	121
30	127	133	138	144	150	156	162	168	175	181
40	187	193	200	206	213	219	226	233	239	246
50	253	260	267	273	280	288	295	302	309	316
60	323	331	338	345	353	360	368	375	383	391
70	398	406	414	421	429	437	445	453	461	469

Longo 80 FV-1442

ΔT	0	1	2	3	4	5	6	7	8	9
20	66	71	75	80	85	90	95	100	105	110
30	115	120	125	131	136	141	147	152	158	164
40	169	175	181	187	192	198	204	210	216	223
50	229	235	241	247	254	260	267	273	280	286
60	293	299	306	313	319	326	333	340	346	353
70	360	367	374	381	388	395	403	410	417	424

Longo 80 FV-1242

ΔT	0	1	2	3	4	5	6	7	8	9
20	59	63	67	71	76	80	84	89	93	98
30	102	107	112	116	121	126	131	136	141	146
40	151	156	161	166	172	177	182	187	193	198
50	204	209	215	221	226	232	238	243	249	255
60	261	267	273	279	285	291	297	303	309	315
70	321	327	334	340	346	353	359	365	372	378

Longo 80 FV-1042

ΔT	0	1	2	3	4	5	6	7	8	9
20	52	55	59	62	66	70	74	77	81	85
30	89	93	97	102	106	110	114	118	123	127
40	132	136	141	145	150	154	159	164	168	173
50	178	183	188	193	197	202	207	212	217	223
60	228	233	238	243	248	254	259	264	270	275
70	280	286	291	297	302	308	313	319	325	330

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HEAD OFFICE: 4 Berkeley Court, Manor Park, Runcorn, Cheshire, WA7 1TQ
Tel: 01928 579068 Fax: 01928 579523
e-mail: sales@aelheating.com



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 Tubular Aluminium Steel Radiators
- Designer Bathroom Radiators
- Corgi Approved Engineers**

AEL reserve the right to alter designs and specifications without prior notice