

# Aquatherm Econorad Radiators



# CONTENTS

## Page

2. Introduction
3. Model Details
4. Dimensions & Technical Data EH, EH-2
5. Dimensions & Technical Data EHE, EHE/H, EHE-2
6. Dimensions & Technical Data EV, EV-2
7. Heat Emission Tables EH
8. Heat Emission Tables EH-2
9. Heat Emission Tables EV
10. Heat Emission Tables EV-2
11. Heat Emission Tables EHE, EHE/H, EHE-2 (140-350)
12. Heat Emission Tables EHE, EHE/H, EHE-2 (420-630)
13. Heat Emission Tables EHE, EHE/H, EHE-2 (700)  
Paint Finish/Packing
14. Mounting Details Horizontal Radiators
15. Mounting Details Vertical Radiators
16. Connection Options and Codes
17. Wall Mounting Bracket Details  
Ordering Requirements and Optional Accessories
18. Guarantee

**Aquatherm Econorad Radiators** now offer you an improved new programme of modern heating panels enabling an individual selection for home or Institutional layouts. With the variety of models now available the Architect can select the ideal unit for each project and is no longer bound by present conventions. There are seven models in the ECONORAD range. Types EH, EH-2, EV, EV-2, EHE, EHE/H, EHE-2. These modern new high performance radiators are constructed from flat rectangular tubing which has low water resistance providing quick and uniform heat up.

Some of the many advantages **Aquatherm Econorad Radiator** enjoy over conventional type units are:

- A wide selection of standard models are available in lengths from 400mm to 3000mm and in heights from 140mm to 770mm and up to 3000mm when used as a vertical wall heater. Heat outputs in the standard programme range from 150 watts to 10,850 watts.
- The standard range of sizes and outputs for single and double radiators (models EH and EH-2) now provide the designer with the widest selection ever available.
- The models with extended heating surface fitted (EHE) can be used to reduce the heater size or used instead of a double radiator. The models EHE/H and EHE-2 can be used also where space is at a premium or instead of a conventional natural convector.
- The models EH 14, EH 21, EHE 14 and EHE 21 as single and double radiators offer a most attractive and economic alternative to conventional skirting heaters.
- The models EV and EV-2 open up a complete new field of application possibilities. These models provide the answer to the application problem most commonly confronting the designer - limitations on the length of wall space available. The vertical wall panel heater is an exciting addition to the programme and has particular application in domestic and living accommodation projects such as hotels and motels where wall space is always at a premium.

The variety of models now available enables the designer to use a modular size of heater throughout a particular installation. By careful selection, units of uniform dimension and appearance but with varying heat emission outputs are possible. The **Aquatherm Econorad Radiator** can be connected in series using some end connections to eliminate pipe work. For larger installations, large single units may be used reducing the total number of heating units need and thereby making for a faster and more economical installation. The standard units are constructed of 70 x 11 x 1.6mm tubular section, which is tested to 455 kPa and suitable for a working pressure of 350 kPa. A higher pressure model is available constructed of 70 x 11 x 2.0mm tubular section. This model is tested to 1000 kPa and is suitable for a working pressure of 700 kPa.

# Aquatherm Econorad Radiators

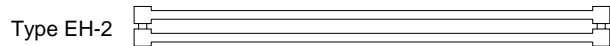
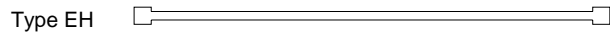
## Model Details

### Model Type EH

Single panel Radiator, horizontal type.

### Model Type EH-2

Double panel Radiator, horizontal type.

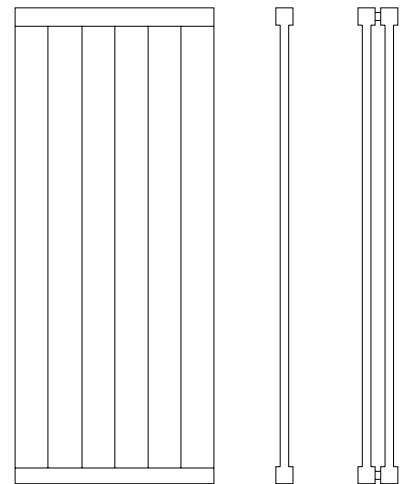


### Model Type EV

Single panel wall heater, vertical type.

### Model Type EV-2

Double panel wall heater, vertical type.



EV

EV-2

### Model Type EHE

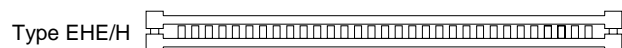
Single panel Radiator with lamina attached, horizontal type.

### Model Type EHE-2

Double panel Radiator with lamina attached to each panel, horizontal type.

### Model Type EHE/H

Double panel Radiator with lamina between, horizontal type.

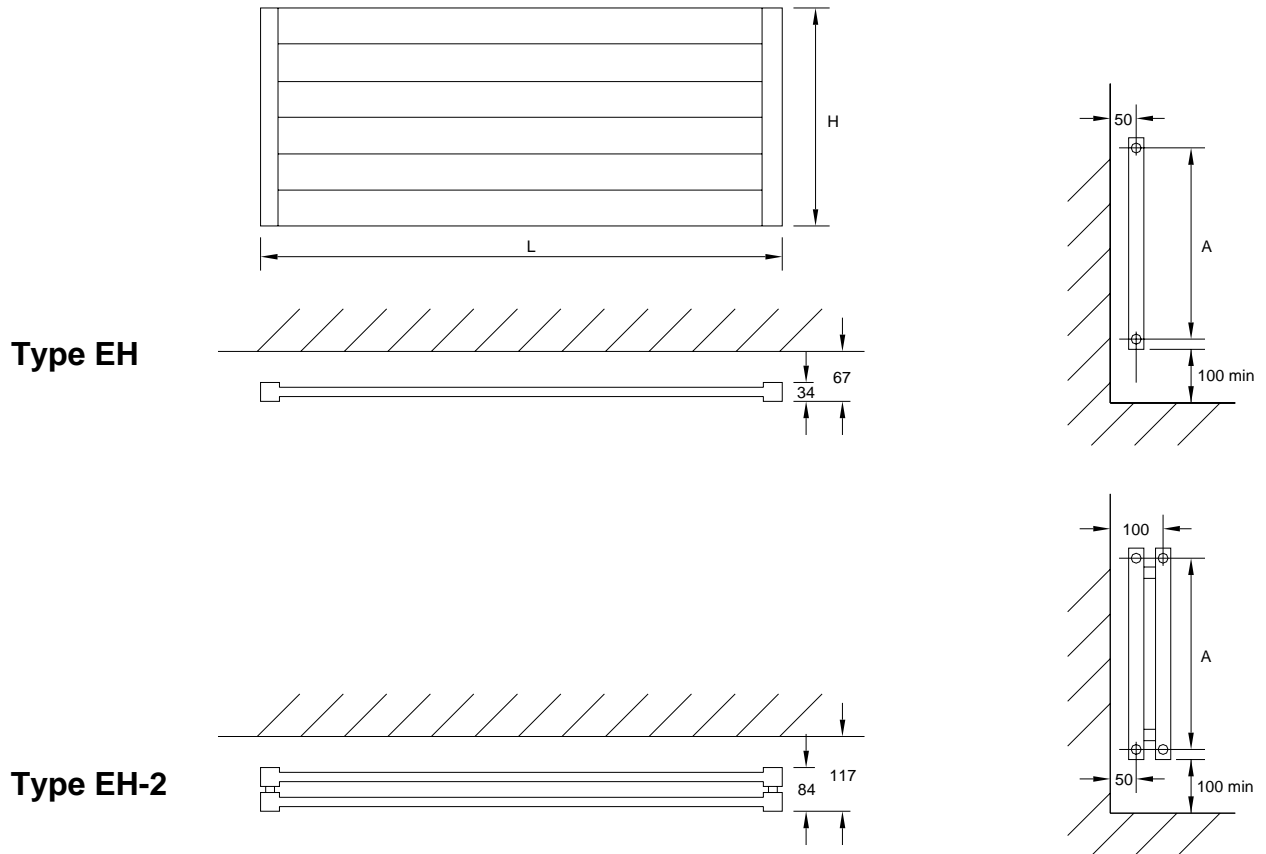


# Aquatherm Econorad Radiators

## Heater Panels

### Model Types EH + EH-2

Dimensions and Technical Data



Description		Type EH	Type EH-2
Height	H	140 to 770	280 to 770
Length	L	400 to 3000	400 to 3000
Connection Distance	A	H minus 50	H minus 50
Weight *		11.15 kg/m <sup>2</sup>	11.15 kg/m <sup>2</sup>
Water Content		4.15 L/m <sup>2</sup>	4.15 L/m <sup>2</sup>
Ordering Specification Example			
560mm high x 2000mm long		EH 56 x 2000	EH 56-2 x 2000

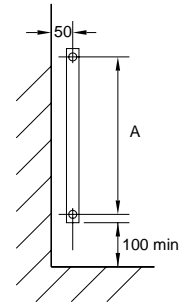
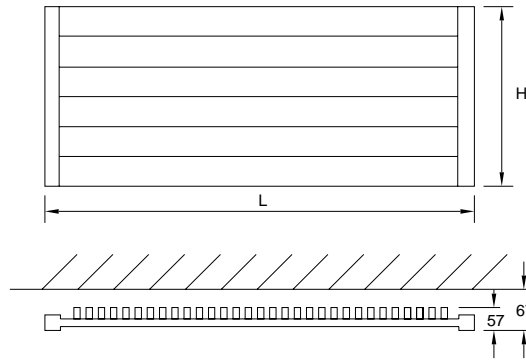
\* Weight based on surface area - Refer pages 7-12

# Aquatherm Econorad Radiators Heater Panels

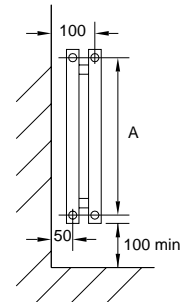
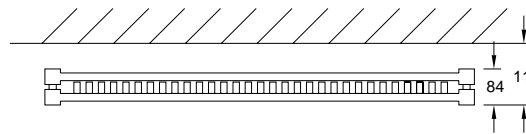
## Model Types EHE, EHE-H, EHE-2

Dimensions and Technical Data

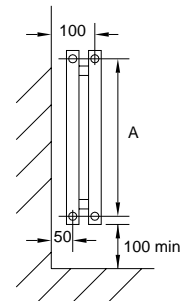
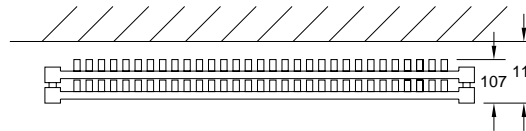
**Type EHE**



**Type EHE-H**



**Type EHE-2**



Description		Type EHE	Type EHE-H	Type EHE-2
Height	H	350 to 770	350 to 770	350 to 770
Length	L	400 to 3000	400 to 3000	400 to 3000
Connection Distance	A	H minus 50	H minus 50	H minus 50
Weight *		approx 4.2 kg/m <sup>2</sup>	approx 5.6 kg/m <sup>2</sup>	approx 4.2 kg/m <sup>2</sup>
Water Content		approx 1 L/m <sup>2</sup>	approx 1.6 L/m <sup>2</sup>	approx 1 L/m <sup>2</sup>
Ordering Specification Example				
560mm high x 2000mm long		EHE 56 x 2000	EHE 56-H x 2000	EHE 56-2 x 2000

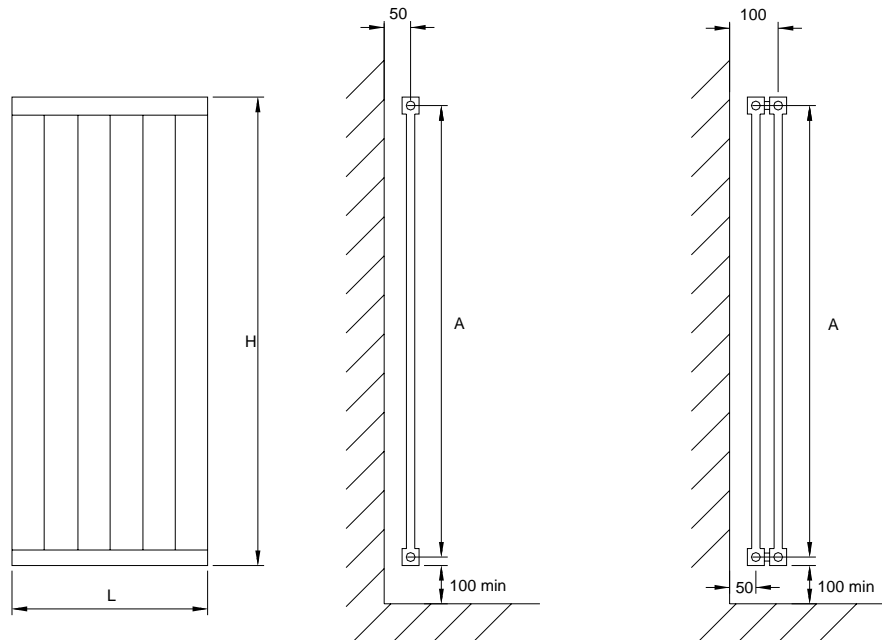
\* Weight based on surface area - Refer pages 7-12

# Aquatherm Econorad Radiators

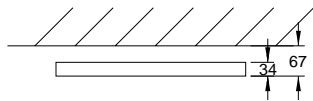
## Heater Panels

### Model Types EV, EV-2

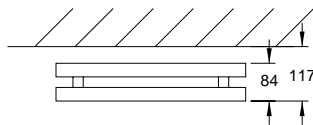
Dimensions and Technical Data



**Type EV**



**Type EV-2**



Description		Type EV	Type EV-2
Height	H	600 to 2800	600 to 2800
Length	L	140 to 770	140 to 770
Depth	T	34	84
Connection Distance	A	H minus 35	H minus 35
Weight		approx 11.15 kg/m <sup>2</sup>	approx 11.15 kg/m <sup>2</sup>
Water Content		approx 4.15 L/m <sup>2</sup>	approx 4.15 L/m <sup>2</sup>
Ordering Specification Example			
560mm long x 1000mm high		EV 56 x 1000	EV 56-2 x 1000

\* Weight based on surface area - Refer pages 7-12

## Single Panel Radiators EH

All Dimensions in mm											Temperature Difference 60°C	
Model	EH 14		EH 21		EH 28		EH 35		EH 42			
Height	140		210		280		350		420			
Depth	34		34		34		34		34			
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt		
500	0.175	160	0.260	224	0.346	291	0.432	355	0.518	415		
600	0.204	187	0.304	263	0.405	340	0.505	414	0.605	485		
700	0.234	215	0.349	302	0.463	389	0.578	473	0.693	556		
800	0.264	242	0.393	339	0.522	439	0.651	534	0.780	626		
900	0.293	269	0.437	378	0.581	488	0.724	593	0.868	696		
1000	0.323	297	0.481	416	0.639	537	0.797	653	0.955	767		
1100	0.353	325	0.525	454	0.698	587	0.870	713	1.043	837		
1200	0.383	351	0.569	492	0.756	636	0.943	773	1.130	908		
1300	0.412	378	0.614	532	0.815	685	1.016	833	1.218	977		
1400	0.442	405	0.658	570	0.874	735	1.090	893	1.305	1046		
1500	0.472	432	0.702	606	0.932	783	1.163	953	1.393	1118		
1600	0.501	459	0.746	646	0.991	833	1.236	1013	1.481	1188		
1700	0.531	487	0.790	684	1.050	883	1.309	1073	1.568	1259		
1800	0.561	515	0.834	721	1.108	931	1.382	1132	1.656	1329		
1900	0.590	542	0.879	761	1.167	981	1.455	1193	1.743	1399		
2000	0.620	568	0.923	799	1.225	1031	1.528	1253	1.831	1469		
2200	0.680	624	1.011	875	1.343	1129	1.674	1372	2.006	1610		
2400	0.739	678	1.099	951	1.460	1229	1.820	1493	2.181	1750		
2600	0.798	733	1.188	1028	1.577	1326	1.967	1614	2.356	1891		
2800	0.858	788	1.276	1103	1.694	1424	2.113	1733	2.531	2031		
3000	0.917	841	1.365	1182	1.812	1524	2.258	1852	2.706	2172		
Model	EH 49		EH 56		EH 63		EH 70		EH 77			
Height	490		560		630		700		770			
Depth	34		34		34		34		34			
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt		
500	0.603	476	0.689	536								
600	0.705	556	0.806	627								
700	0.807	636	0.922	717	1.037	796	1.151	876				
800	0.909	716	1.039	808	1.168	896	1.297	987	1.426	1075		
900	1.011	797	1.155	899	1.299	997	1.442	1097	1.586	1196		
1000	1.113	878	1.271	989	1.429	1097	1.587	1207	1.745	1316		
1100	1.215	958	1.388	1081	1.560	1198	1.733	1318	1.905	1436		
1200	1.317	1038	1.504	1170	1.691	1298	1.878	1429	2.065	1557		
1300	1.419	1119	1.621	1261	1.822	1400	2.023	1540	2.225	1677		
1400	1.521	1200	1.737	1352	1.953	1499	2.169	1651	2.385	1797		
1500	1.623	1279	1.854	1442	2.084	1600	2.314	1760	2.544	1918		
1600	1.725	1361	1.970	1533	2.215	1701	2.459	1871	2.704	2039		
1700	1.827	1441	2.087	1624	2.346	1800	2.605	1983	2.864	2160		
1800	1.929	1522	2.203	1714	2.477	1902	2.750	2093	3.024	2281		
1900	2.031	1601	2.319	1804	2.608	2002	2.895	2202	3.184	2400		
2000	2.133	1682	2.436	1897	2.738	2103	3.041	2314	3.343	2520		
2200	2.337	1843	2.669	2078	3.000	2303	3.331	2533	3.663	2762		
2400	2.541	2004	2.902	2258	3.262	2504	3.622	2756	3.982	3001		
2600	2.745	2165	3.135	2439	3.524	2706	3.913	2977	4.302	3244		
2800	2.949	2325	3.367	2621	3.786	2907	4.203	3198	4.622	3485		
3000	3.153	2488	3.600	2801	4.048	3109	4.494	3420	4.941	3725		



Double Panel Radiators EH-2								
All Dimensions in mm					Temperature Difference 60°C			
Model	EH 28-2		EH 35-2		EH 42-2		EH 49-2	
Height	280		350		420		490	
Depth	84		84		84		84	
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt
500	0.692	502	0.864	606	1.035	704	1.207	800
600	0.810	587	1.010	708	1.210	824	1.411	935
700	0.926	673	1.156	811	1.385	942	1.615	1072
800	1.044	756	1.302	913	1.561	1062	1.819	1206
900	1.162	844	1.448	1016	1.736	1182	2.023	1342
1000	1.278	928	1.594	1118	1.911	1300	2.227	1476
1100	1.396	1014	1.740	1221	2.086	1419	2.431	1612
1200	1.512	1097	1.886	1323	2.261	1539	2.635	1748
1300	1.630	1183	2.032	1426	2.436	1658	2.839	1882
1400	1.748	1269	2.18	1530	2.611	1777	3.043	2019
1500	1.864	1353	2.326	1633	2.786	1897	3.247	2154
1600	1.982	1439	2.472	1734	2.961	2015	3.451	2288
1700	2.100	1524	2.618	1837	3.136	2135	3.655	2424
1800	2.216	1609	2.764	1939	3.311	2254	3.859	2559
1900	2.334	1694	2.910	2042	3.486	2372	4.063	2695
2000	2.450	1779	3.056	2144	3.661	2492	4.267	2830
2200	2.686	1949	3.348	2349	4.012	2730	4.675	3101
2400	2.920	2119	3.640	2554	4.362	2969	5.083	3370
2600	3.154	2289	3.934	2759	4.712	3207	5.491	3641
2800	3.388	2460	4.226	2964	5.062	3444	5.899	3912
3000	3.624	2631	4.518	3169	5.412	3684	6.307	4183
Model	EH 56-2		EH 63-2		EH 70-2		EH 77-2	
Height	560		630		700		770	
Depth	84		84		84		84	
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt
500	1.378	890						
600	1.611	1041						
700	1.844	1191	2.074	1310	2.303	1439		
800	2.077	1342	2.335	1475	2.593	1619	2.852	1752
900	2.310	1492	2.597	1640	2.884	1803	3.171	1947
1000	2.543	1642	2.859	1806	3.175	1984	3.491	2144
1100	2.776	1793	3.121	1972	3.465	2165	3.810	2341
1200	3.009	1943	3.383	2137	3.756	2347	4.130	2538
1300	3.242	2093	3.644	2303	4.047	2528	4.450	2734
1400	3.475	2245	3.906	2467	4.338	2711	4.769	2928
1500	3.707	2394	4.168	2633	4.628	2891	5.089	3126
1600	3.940	2545	4.430	2799	4.919	3074	5.408	3321
1700	4.173	2695	4.692	2964	5.210	3255	5.728	3518
1800	4.406	2844	4.953	3129	5.500	3436	6.048	3715
1900	4.639	2996	5.215	3294	5.790	3617	6.367	3912
2000	4.872	3146	5.477	3460	6.082	3800	6.687	4108
2200	5.338	3448	6.001	3791	6.663	4163	7.326	4501
2400	5.803	3748	6.524	4122	7.244	4526	7.965	4893
2600	6.269	4047	7.048	4453	7.826	4890	8.604	5285
2800	6.735	4348	7.572	4784	8.407	5253	9.243	5678
3000	7.201	4651	8.095	5115	8.988	5616	9.883	6071

## Single Panel Vertical Wall Radiators EV

All Dimensions in mm

Temperature Difference 60°C

Model	EV 14		EV 21		EV 28		EV 35		EV 42	
Height	140		210		280		350		420	
Depth	34		34		34		34		34	
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt
600	0.204	157	0.304	235	0.405	313	0.505	313	0.605	467
800	0.264	197	0.393	294	0.522	392	0.651	392	0.780	585
1000	0.323	236	0.481	352	0.639	469	0.639	469	0.955	700
1200	0.383	276	0.569	411	0.756	545	0.756	545	1.130	817
1400	0.442	313	0.658	466	0.874	619	0.874	619	1.305	924
1600	0.501	351	0.746	524	0.991	696	0.991	696	1.481	1038
1800	0.561	387	0.834	575	1.108	765	1.108	765	1.656	1145
2000	0.620	424	0.923	631	1.225	838	1.225	838	1.831	1253
2200	0.680	461	1.011	684	1.343	910	1.343	910	2.006	1357
2400	0.739	498	1.098	740	1.460	984	1.460	984	2.181	1469
2800	0.858	575	1.276	855	1.694	1136	1.694	1136	2.531	1696
Model	EV 49		EV 56		EV 63		EV 70		EV 77	
Height	490		560		630		700		770	
Depth	34		34		34		34		34	
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt
600	0.705	543	0.806	624	1.168	974	1.297	974	1.426	1070
800	0.909	681	1.039	779	1.429	1164	1.587	1164	1.745	1278
1000	1.113	816	1.271	932	1.691	1356	1.878	1356	2.065	1492
1200	1.317	951	1.504	1087	1.953	1536	2.169	1536	2.385	1690
1400	1.521	1076	1.737	1231	2.215	1725	2.459	1725	2.704	1898
1600	1.725	1210	1.970	1382	2.477	1901	2.750	1901	3.024	2089
1800	1.929	1334	2.203	1523	2.738	1870	3.041	2080	3.343	2287
2000	2.133	1459	2.436	1666	3.000	2031	3.331	2256	3.663	2481
2200	2.337	1582	2.669	1807	3.262	2198	3.622	2439	3.982	2683
2400	2.541	1711	2.902	1955	3.786	2538	4.203	2817	4.622	3097
2800	2.949	1976	3.367	2256						

## Double Panel Vertical Wall Radiators EV-2

All Dimensions in mm

Temperature Difference 60°C

Model	EV 14-2		EV 21-2		EV 28-2		EV 35-2		EV 42-2	
Height	140		210		280		350		420	
Depth	84		84		84		84		84	
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt
600	0.409	262	0.609	388	0.810	518	1.010	645	1.210	772
800	0.527	322	0.786	480	1.044	638	1.302	796	1.561	955
1000	0.646	379	0.962	564	1.279	751	1.595	935	1.911	1120
1200	0.765	441	1.139	656	1.513	872	1.887	1087	2.261	1301
1400	0.884	493	1.316	735	1.747	976	2.179	1217	2.611	1458
1600	1.003	549	1.492	818	1.982	1087	2.472	1354	2.961	1623
1800	1.122	608	1.669	903	2.216	1198	2.764	1495	3.311	1792
2000	1.241	658	1.846	979	2.451	1300	3.056	1621	3.661	1941
2200	1.359	712	2.022	1059	2.685	1405	3.349	1753	4.012	2100
2400	1.478	763	2.199	1136	2.920	1507	3.641	1881	4.362	2254
2800	1.716	868	2.552	1291	3.389	1715	4.225	2138	5.062	2561
Model	EV 49-2		EV 56-2		EV 63-2		EV 70-2		EV 77-2	
Height	490		560		630		700		770	
Depth	84		84		84		84		84	
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt
600	1.411	902	1.611	1028	2.335	1427	2.593	1583	2.852	1741
800	1.819	1111	2.077	1268	2.859	1676	3.175	1862	3.491	2047
1000	2.227	1306	2.543	1492	3.383	1949	3.756	2163	4.130	2378
1200	2.635	1517	3.009	1732	3.906	2181	4.338	2423	4.769	2663
1400	3.043	1700	3.475	1940	4.430	2428	4.919	2696	5.408	2963
1600	3.451	1891	3.940	2160	4.953	2679	5.500	2977	6.048	3272
1800	3.859	2087	4.406	2383	5.477	2906	6.082	3226	6.687	3547
2000	4.267	2264	4.872	2585	6.001	3141	6.663	3488	7.326	3836
2200	4.675	2448	5.338	2794	6.524	3370	7.244	3742	7.965	4113
2400	5.083	2626	5.803	2998	7.572	3833	8.407	4254	9.243	4679
2800	5.899	2985	6.735	3408						

## Extended Surface Radiators EHE/EHE-H/EHE-2

All Dimensions in mm												Temperature Difference 60°C	
Model	EHE 14		EHE 14-H		EHE 14-2		EHE 21		EHE 21-H		EHE 21-2		
Height	140		140		140		210		210		210		
Depth	57		84		107		57		84		107		
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	
500	0.641	223	0.817	337	1.233	392	1.001	327	1.261	490	1.922	587	
600	0.803	279	1.007	415	1.542	502	1.474	383	1.474	572	2.246	686	
700	0.964	256	1.198	493	1.851	603	1.689	438	1.689	656	2.573	786	
800	1.125	391	1.389	570	2.160	704	1.902	493	1.902	739	2.897	885	
900	1.285	445	1.578	650	2.467	803	2.116	548	2.116	821	3.224	985	
1000	1.446	501	1.769	728	2.776	904	2.329	604	2.329	904	3.548	1084	
1100	1.607	557	1.960	807	3.085	1005	2.542	659	2.542	987	3.873	1183	
1200	1.767	613	2.160	890	3.393	1104	2.756	715	2.756	1070	4.199	1282	
1300	1.928	669	2.342	965	3.702	1205	2.970	770	2.970	1154	4.523	1382	
1400	2.088	724	2.532	1043	4.009	1306	3.184	826	3.184	1236	4.850	1482	
1500	2.249	780	2.721	1120	4.318	1407	3.397	881	3.397	1319	5.174	1581	
1600	2.410	836	2.911	1198	4.627	1506	3.610	935	3.610	1402	5.499	1680	
1700	2.570	892	3.101	1277	4.934	1607	3.824	991	3.824	1485	5.825	1779	
1800	2.731	948	3.292	1355	5.244	1708	4.037	1046	4.037	1568	6.150	1879	
1900	2.892	1004	3.482	1433	5.553	1808	4.252	1102	4.252	1651	6.476	1978	
2000	3.052	1059	3.672	1512	5.860	1908	4.465	1157	4.465	1733	6.801	2078	
2200	3.374	1170	4.113	1694	6.478	2109	4.892	1268	4.892	1900	7.452	2276	
2400	3.695	1281	4.553	1875	7.094	2310	5.319	1379	5.319	2066	8.102	2475	
2600	4.016	1393	4.990	2054	7.711	2511	5.746	1489	5.746	2231	8.751	2673	
2800	4.338	1505	5.430	2236	8.329	2712	6.173	1600	6.173	2397	9.402	2872	
3000	4.659	1617	5.869	2417	8.945	2913	6.607	1713	6.607	2566	10.065	3075	
Model	EHE 28		EHE 28-H		EHE 28-2		EHE 35		EHE 35-H		EHE 35-2		
Height	280		280		280		350		350		350		
Depth	57		84		107		57		84		107		
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	
500	1.218	389	1.564	593	2.339	688	1.643	513	2.075	769	3.155	896	
600	1.526	488	1.931	733	2.930	863	1.973	615	2.478	918	3.788	1076	
700	1.896	606	2.359	895	3.640	1071	2.304	720	2.882	1068	4.424	1258	
800	2.204	705	2.726	1034	4.232	1245	2.634	822	3.285	1216	5.057	1437	
900	2.512	803	3.093	1153	4.823	1419	2.964	925	3.688	1366	5.691	1618	
1000	2.819	902	3.458	1311	5.412	1592	3.294	1028	4.091	1515	6.324	1797	
1100	3.128	1002	3.826	1451	6.006	1768	3.624	1131	4.494	1665	6.958	1977	
1200	3.435	1099	4.191	1590	6.595	1940	3.954	1234	4.897	1814	7.592	2157	
1300	3.805	1217	4.620	1752	7.306	2150	4.284	1337	5.300	1963	8.225	2338	
1400	4.113	1316	4.987	1892	7.897	2324	4.614	1440	5.704	2113	8.859	2518	
1500	4.420	1414	5.352	2030	8.486	2498	4.944	1543	6.107	2261	9.492	2698	
1600	4.728	1513	5.719	2170	9.078	2674	5.274	1646	6.510	2411	10.126	2878	
1700	5.036	1611	6.086	2308	9.669	2846	5.604	1750	6.913	2560	10.760	3058	
1800	5.343	1710	6.451	2447	10.259	3019	5.934	1853	7.316	2710	11.393	3238	
1900	5.714	1828	6.881	2611	10.971	3228	6.265	1956	7.720	2859	12.029	3419	
2000	6.021	1927	7.246	2748	11.560	3402	6.594	2059	8.122	3008	12.660	3599	
2200	6.638	2124	7.981	3028	12.745	3751	7.255	2265	8.929	3308	13.930	3959	
2400	7.253	2321	8.713	3306	13.926	3763	7.915	2471	9.735	3605	15.197	4319	
2600	7.930	2538	9.507	3607	15.226	4480	8.574	2677	10.541	3904	16.462	4679	
2800	8.545	2735	10.239	3884	16.406	4828	9.235	2884	11.348	4203	17.731	5040	
3000	9.162	2932	10.974	4163	17.591	5176	9.901	3091	12.159	4504	19.010	5404	

## Extended Surface Radiators EHE/EHE-H/EHE-2

All Dimensions in mm

Temperature Difference 60°C

Model	EHE 42		EHE 42-H		EHE 42-2		EHE 49		EHE 49-H		EHE 49-2	
Height	420		420		420		490		490		490	
Depth	57		84		107		57		84		107	
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt
500	1.819	552	2.192	792	3.494	995	2.219	666	2.822	1010	4.260	1187
600	2.278	690	2.698	975	4.371	1245	2.696	809	3.401	1217	5.176	1442
700	2.830	857	3.287	1188	5.424	1545	3.236	970	4.043	1448	6.213	1731
800	3.290	997	3.793	1372	6.303	1795	3.713	1113	4.622	1655	7.129	1986
900	3.749	1136	4.299	1554	7.180	2046	4.191	1257	5.202	1863	8.047	2242
1000	4.208	1276	4.805	1737	8.057	2294	4.667	1400	5.780	2070	8.961	2496
1100	4.667	1413	5.311	1921	8.934	2545	5.145	1543	6.360	2277	9.878	2753
1200	5.127	1553	5.816	2104	9.813	2794	5.622	1686	6.939	2484	10.794	3008
1300	5.679	1721	6.405	2316	10.866	3095	6.161	1847	7.580	2715	11.829	3295
1400	6.138	1859	6.911	2499	11.743	3345	6.639	1991	8.160	2922	12.747	3552
1500	6.598	1999	7.417	2682	12.622	3595	7.115	2134	8.738	3129	13.661	3807
1600	7.057	2138	7.922	2865	13.499	3844	7.592	2277	9.317	3336	14.577	4062
1700	7.516	2277	8.428	3047	14.376	4094	8.080	2409	9.897	3544	15.494	4317
1800	7.975	2417	8.933	3229	15.253	4344	8.546	2563	10.475	3751	16.408	4572
1900	8.528	2584	9.522	3443	16.308	4645	9.087	2725	11.118	3981	17.447	4861
2000	8.987	2723	10.028	3627	17.185	4895	9.563	2868	11.696	4188	18.361	5116
2200	9.906	3000	11.041	3991	18.941	5395	10.519	3154	12.856	4604	20.196	5627
2400	10.824	3279	12.052	4359	20.695	5894	11.473	5441	14.014	5018	22.028	6138
2600	11.836	3585	13.147	4754	22.627	6444	12.488	3745	15.233	5455	23.977	6680
2800	12.745	3864	14.157	5119	24.380	6943	13.442	4031	16.391	5869	25.809	7191
3000	13.673	4141	15.168	5484	26.136	7444	14.404	4319	17.557	6287	27.656	7705
Model	EHE 56		EHE 56-H		EHE 56-2		EHE 63		EHE 63-H		EHE 63-2	
Height	560		560		560		630		630		630	
Depth	57		84		107		57		84		107	
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt
600	3.051	887	3.608	1285	5.854	1593						
700	3.701	1107	4.396	1564	7.266	1978	4.170	1236	5.207	1864	8.006	2240
800	4.406	1286	5.073	1806	8.441	2297	4.799	1423	5.967	2136	9.214	2578
900	5.021	1465	5.750	2047	9.616	2617	5.428	1609	6.727	2409	10.422	2916
1000	5.636	1644	6.427	2288	10.791	2937	6.056	1796	7.485	2680	11.628	3253
1100	6.252	1824	7.104	2529	11.968	3257	6.684	1982	8.244	2952	12.833	3590
1200	6.867	2003	7.781	2771	13.143	3577	7.314	2169	9.005	3225	14.043	3929
1300	7.607	2220	8.568	3050	14.554	3962	8.035	2382	9.857	3529	15.427	4316
1400	8.222	2399	9.245	3291	15.729	4281	8.664	2569	10.617	3801	16.635	4654
1500	8.838	2578	9.921	3533	16.906	4602	9.293	2756	11.387	4074	17.843	4992
1600	9.453	2758	10.598	3773	18.081	4922	9.921	2942	12.136	4346	19.048	5329
1700	10.008	2937	11.274	4014	19.256	5243	10.550	3129	12.896	4618	20.256	5667
1800	10.684	3116	11.951	4254	20.433	5563	11.178	3314	13.655	4890	21.462	6005
1900	11.424	3334	12.739	4535	21.844	5946	11.901	3529	14.509	5196	22.850	6392
2000	12.039	3513	13.416	4776	23.019	6266	12.529	3715	15.267	5466	24.056	6730
2200	13.269	3872	14.769	5258	25.369	6906	13.787	4089	16.787	6011	26.471	7406
2400	14.500	4231	16.122	5739	27.721	7548	15.044	4461	18.306	6555	28.884	8080
2600	15.855	4626	17.587	6262	30.307	8252	16.394	4861	19.918	7133	31.476	8805
2800	17.086	4985	18.940	6743	32.659	8892	17.642	5231	21.428	7673	33.873	9476
3000	18.317	5344	19.294	7225	35.011	9531	18.915	5608	22.963	8222	36.317	10159

<b>Extended Surface Radiators EHE/EHE-H/EHE-2</b>						
All Dimensions in mm				Temperature Difference 60°C		
Model	EHE 70		EHE 70-H		EHE 70-2	
Height	700		700		700	
Depth	57		84		107	
Length	m <sup>2</sup>	watt	m <sup>2</sup>	watt	m <sup>2</sup>	watt
700	4.608	1365	5.759	2030	8.847	2524
800	5.268	1562	6.565	2314	10.116	2887
900	5.928	1758	7.370	2598	11.382	3247
1000	6.588	1954	8.175	2881	12.649	3609
1100	7.248	2150	8.981	3166	13.916	3971
1200	7.908	2345	9.786	3450	15.183	4333
1300	8.568	2541	10.591	3733	16.451	4694
1400	9.228	2736	11.397	4017	17.718	5056
1500	9.888	2932	12.202	4301	18.985	5417
1600	10.548	3128	13.007	4585	20.252	5779
1700	11.208	3323	13.813	4869	21.519	6140
1800	11.868	3519	14.618	5153	22.787	6503
1900	12.530	3715	15.425	5437	24.054	6866
2000	13.188	3911	16.229	5720	25.321	7225
2200	14.510	4347	17.841	6289	27.859	7949
2400	15.830	4694	19.452	6856	30.394	8672
2600	17.148	5085	21.061	7423	32.924	9395
2800	18.470	5478	22.673	7992	35.462	10119
3000	19.802	5873	24.296	8564	38.020	10849

## Standard Finish

All heating radiators are supplied ex factory painted in a standard finish ready for mounting. Each panel is packed in a plastic envelope which can be left around the panel for protection until all installation, decoration work etc is completed.

The standard finish comprises - Etch primer, followed by two coats of Croda Lusteroid Industrial coating which is both durable and attractive.

Two standard colour finishes are available;

- Cream (Distant Mountain)
- White

This standard finish can be over painted after normal preparation and will accept all standard paint finishes.

Touch up paint in both white and cream is readily available on request.

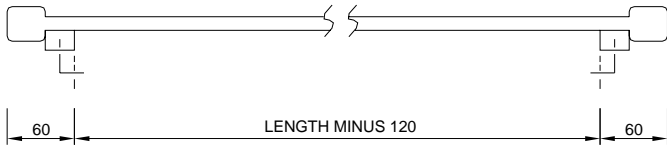
## Packing

All panels are dispatched from the factory packed in a polythene envelope, with protective corner pieces and corrugated cardboard packaging.

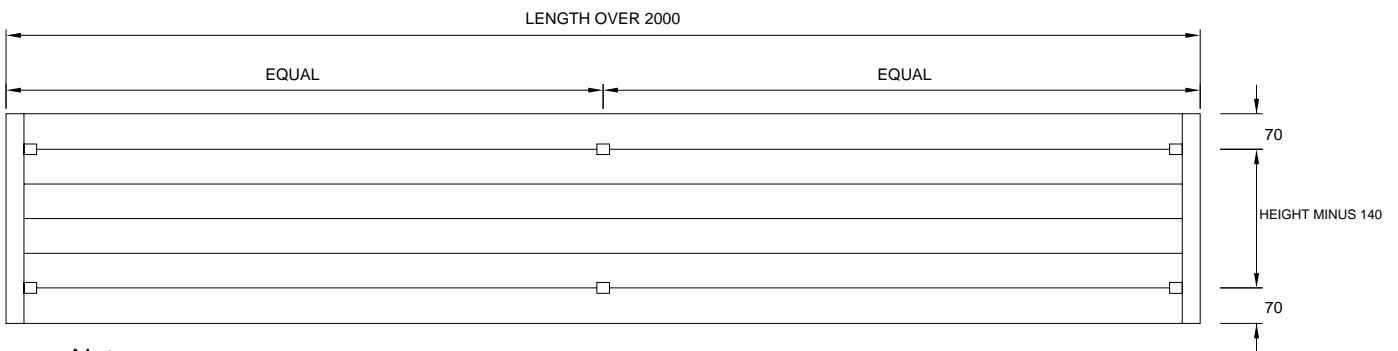
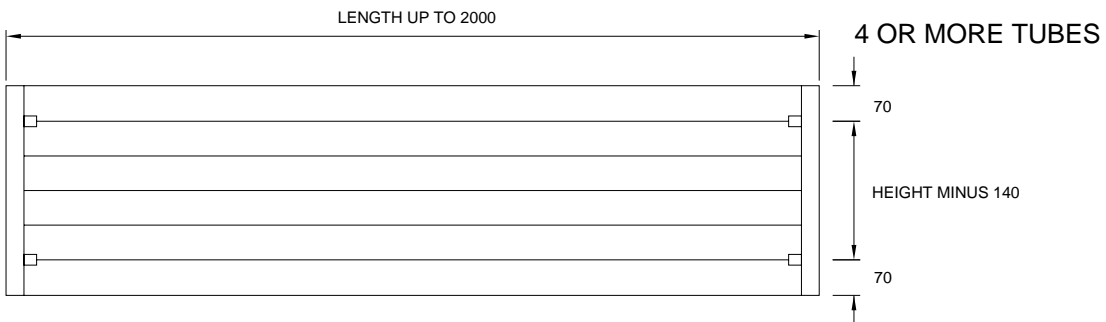
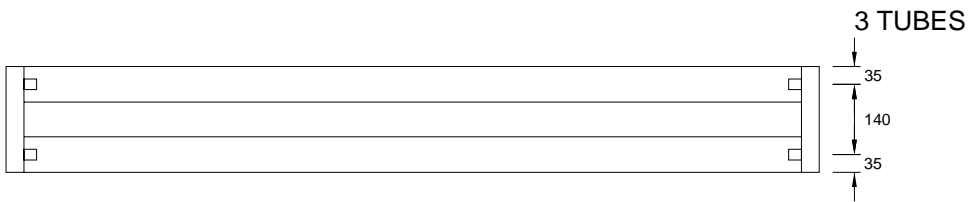
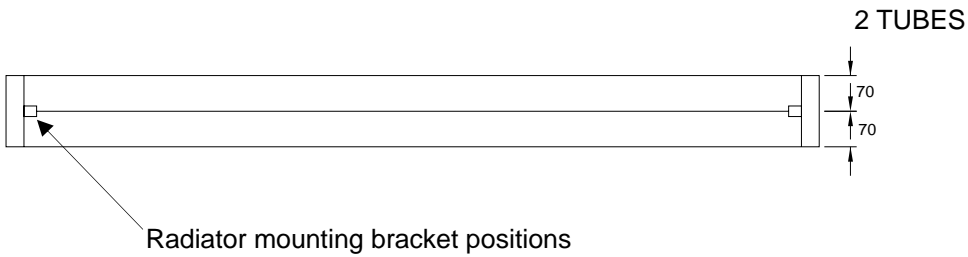
# Aquatherm Econorad Radiators

## Radiator Mounting Details

### All Horizontal Panels



WALL MOUNTING POINTS

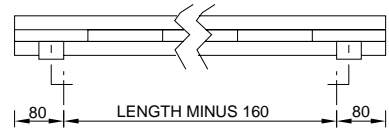
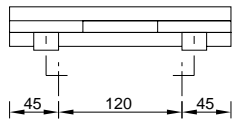
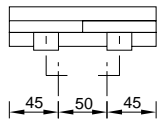


Note  
Radiators over 2000 wide have additional central brackets

# Aquatherm Econorad Radiators

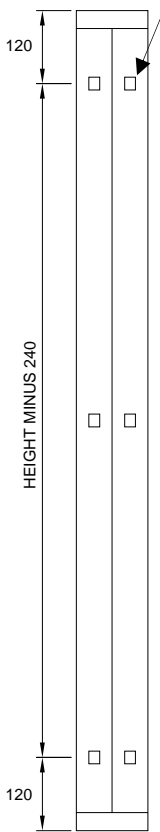
## Radiator Mounting Details

### All Vertical Panels

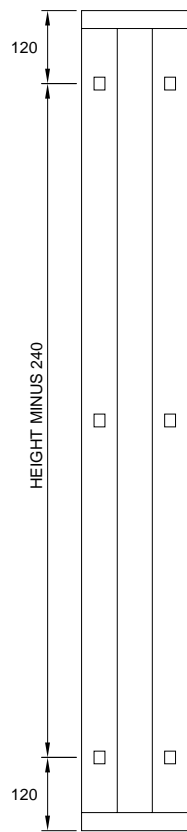


### WALL MOUNTING POINTS

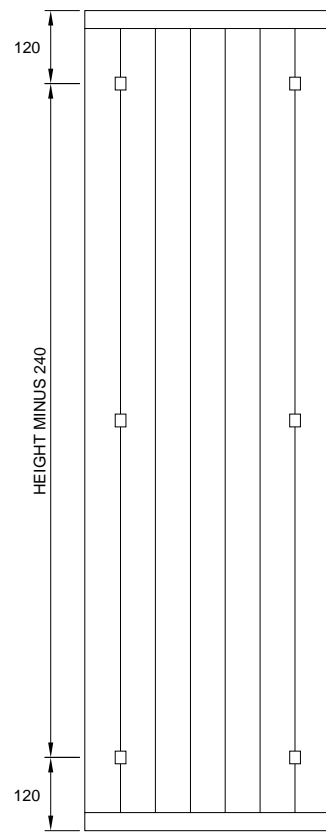
Radiator mounting bracket positions



2 TUBES



3 TUBES



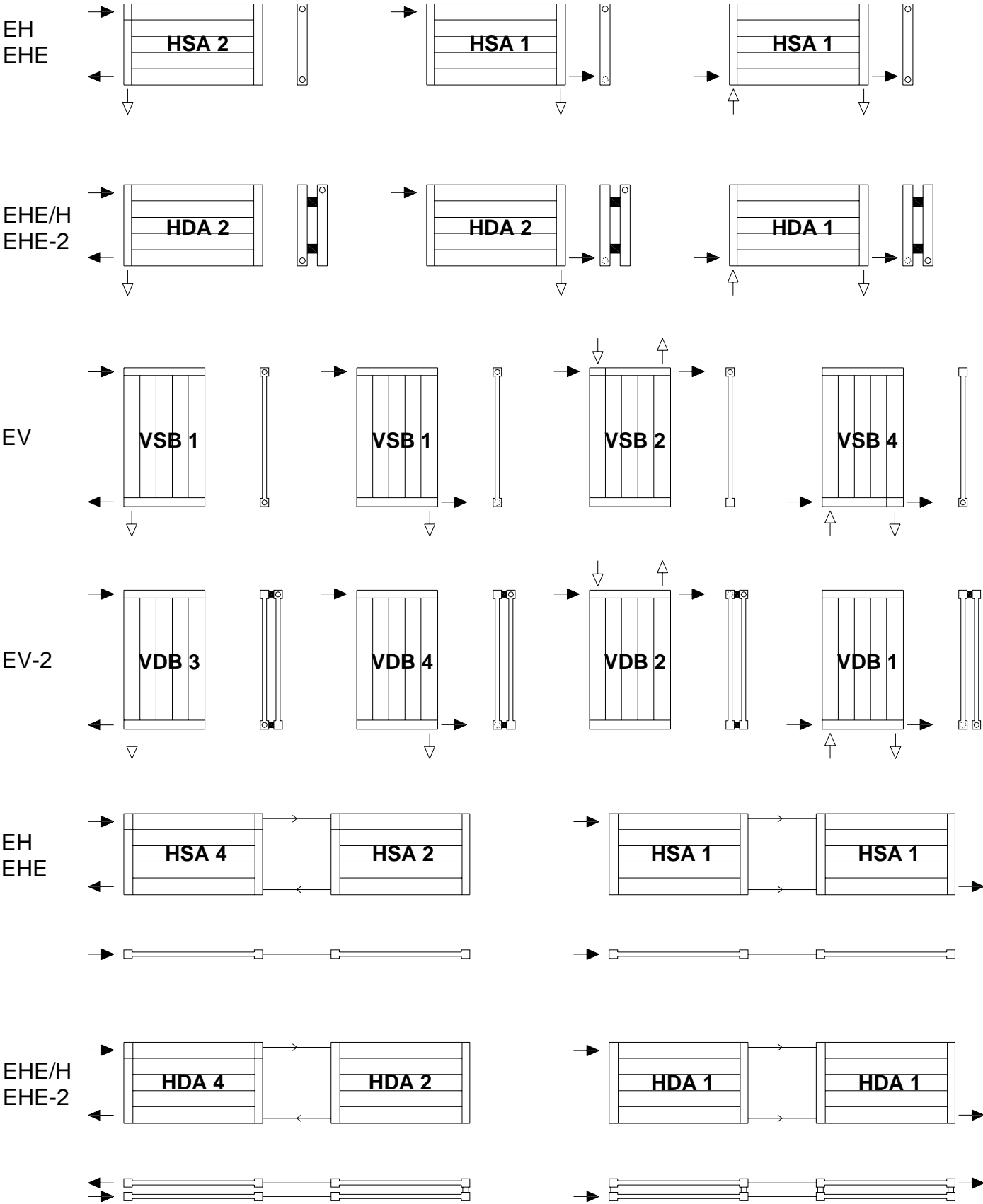
4 OR MORE TUBES

Note  
Radiators over 2000 wide have additional central brackets

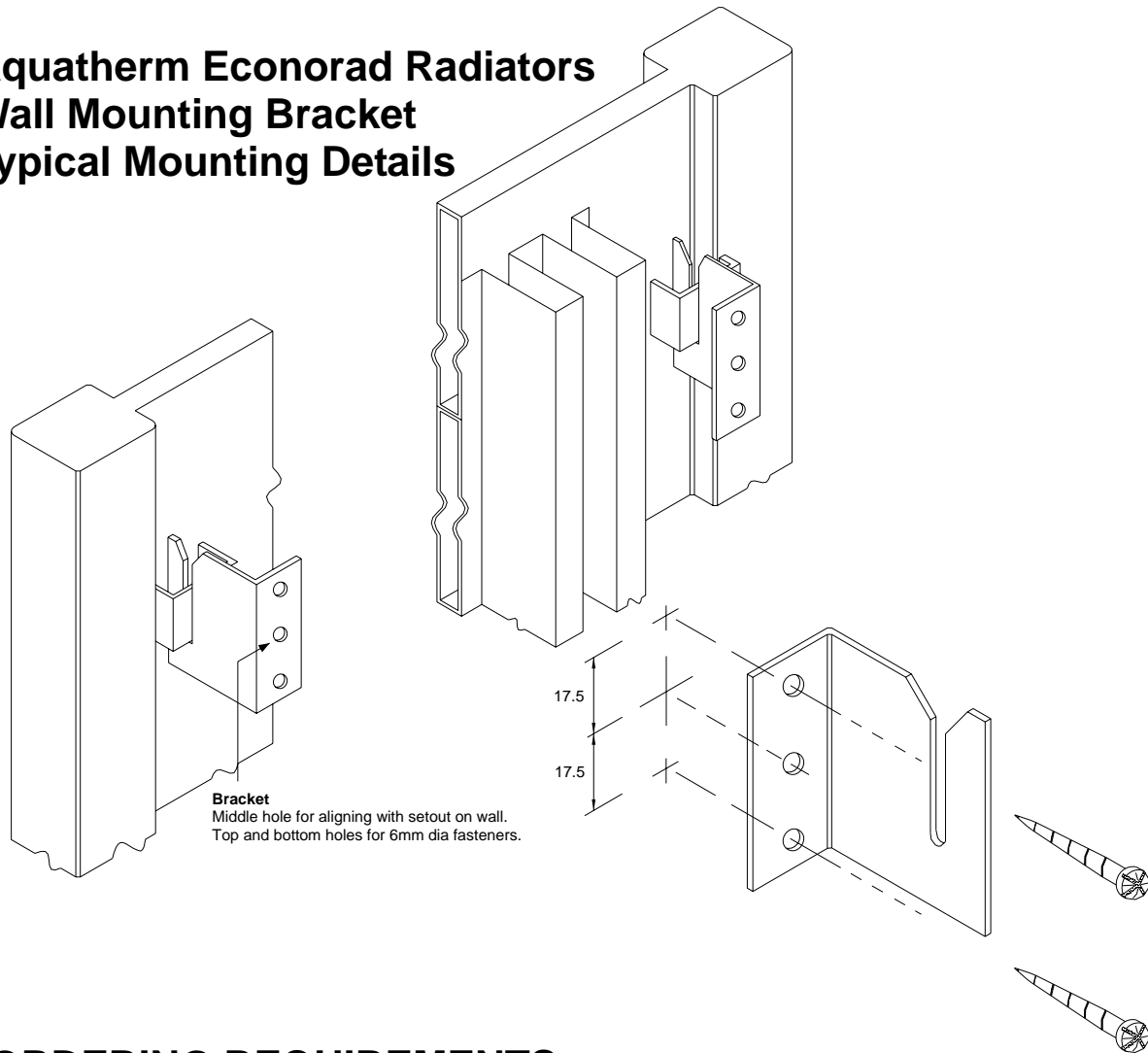


# Aquatherm Econorad Radiators Connection Options and Codes

→ STANDARD  
 ▷ OPTIONAL



# Aquatherm Econorad Radiators Wall Mounting Bracket Typical Mounting Details



## ORDERING REQUIREMENTS

As standard the Aquatherm radiator is supplied with one 1/2 inch aircock and one 1/2 inch plug is provided for fitting to suit the particular application.

The standard arrangement caters for all applications where the flow and return connections are required at opposite ends of the radiator.

All other connections arrangements must be manufactured to order and complete details are necessary at time of ordering.

All radiator units require special baffles to be fitted during manufacture.

3/4 inch connection available upon request.

## OPTIONAL ACCESSORIES

**PLUG 1/2 inch**



**AIRCOCK 1/2 inch standard**



**Key**



## **Aquatherm Econorad Radiators Our Guarantee**

Energy Products International guarantees our Aquatherm Radiator Econorad against faulty workmanship and/or materials for a period of **TWO YEARS** from the date of despatch from our factory.

We however would not be responsible for the following

- Damage in transit.
- Damage caused by excess pressure applied to connections or excess water pressure applied to any radiator.
- Damage caused by misuse, misapplication or faulty system design.
- Corrosion or damage caused by oxygenated water, caused by misapplication, system leaks or any other reason.

This guarantee is limited to the replacement or repair of the faulty radiator at the factory where it was made or on location at the discretion of our company. It does not cover any damage to other property or consequential loss which may have occurred or may occur due to the failure of the faulty radiator, nor to the cost of removing a faulty radiator from any building in which it is installed and/or replacing it therein.

If defective radiators are repaired by any persons other than ourselves we accept no responsibility for the efficiency of such repairs nor for the cost thereof beyond the sum at which such repairs could have been effected at our own factory or by our own repairers.

Energy Products International also reserves the right to inspect or arrange inspection by its duly authorised representative of any faulty radiator and to determine any necessary course of remedial action.

Notice in writing of any defect must be given to us with full particulars thereof within seven days of such defect becoming apparent.



## Temperzone Ltd

### ENQUIRIES

New Zealand: [nzsales@temperzone.com](mailto:nzsales@temperzone.com)  
Australia: [sales@temperzone.com.au](mailto:sales@temperzone.com.au)  
Singapore: [sales@temperzone.com.sg](mailto:sales@temperzone.com.sg)

### NEW ZEALAND

Auckland: (09) 279 5250  
Hamilton: (07) 839 2705  
Wellington: (04) 569 3262  
Christchurch: (03) 379 3216

[temperzone.com](http://temperzone.com)  
[temperzone.biz](http://temperzone.biz)

