

INSTALLATION IN A WALL RECESS

THE COMFORT SOLUTION FOR MINIMALIST ARCHITECTURE

- The perfect built-in solution without sacrificing heating capacity.
- Space-saving.
- Low-H₂O technology with super conductive and ultra fast heat exchanger for low energy consumption and maximum heat emission.
- Twin Power for better compensation of the downward cold air flow next to glazed façades or ventilation grilles.

- DBE model for super-low water temperature from 28°C.
- Safe surface temperature.



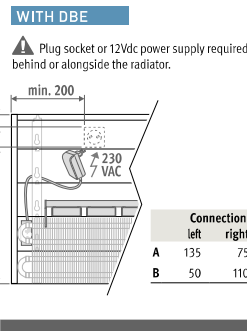
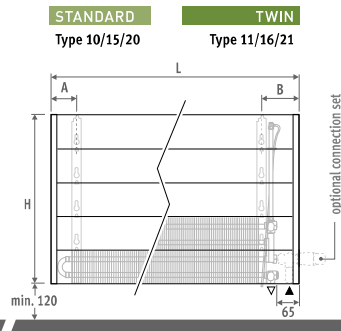
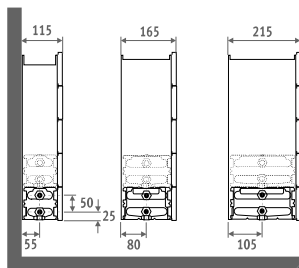
AWAKE
THE ARTIST



PRESENTING INSTALLATION IN A WALL RECESS



Type 10/11 Type 15/16 Type 20/21



Product is made to order, please contact our customer service team on 01531 631 533 to discuss your requirements.

Standard connection
bottom end left or right



See page 96.

<i>code</i>	<i>height</i>	<i>length</i>	<i>type</i>
BIWW .	020	040	10

<i>code</i>	<i>height</i>	<i>length</i>	<i>type</i>	<i>Option</i>
BIWW .	030	060	11	/DBE

DBE should be selected according to the power in comfort mode, as stated in the output table. The transition between standby (inactive) and comfort is managed automatically depending on the measured temperature and settings. For output in boost mode: see www.jaga.co.uk

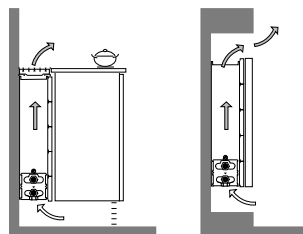


Cupboards should be built in a way that permits access to the heat exchanger for regular maintenance.

In order to prevent dirt from falling into the heat exchanger, fit the grille a little higher than the cupboard edge.

The outputs indicated are based on a free air flow of 75% of the depth. If the free opening is smaller, a correction factor must be applied to calculate the heat output.

% Air flow	Correction factor
75	1.00
60	0.96
50	0.92
40	0.84
30	0.66



BIWW.020 LLL TT

	STANDARD			TWIN		
L	Type	Watts	Watts	Type	Watts	Watts
mm		75/65	55/45		75/65	55/45
400	10	262	127	N/A	N/A	N/A
	15	436	212	N/A	N/A	N/A
	20	613	299	N/A	N/A	N/A
500	10	328	159	N/A	N/A	N/A
	15	545	265	N/A	N/A	N/A
	20	766	373	N/A	N/A	N/A
600	10	393	191	N/A	N/A	N/A
	15	654	319	N/A	N/A	N/A
	20	919	448	N/A	N/A	N/A
700	10	459	223	N/A	N/A	N/A
	15	763	372	N/A	N/A	N/A
	20	1072	522	N/A	N/A	N/A
800	10	524	255	N/A	N/A	N/A
	15	872	425	N/A	N/A	N/A
	20	1226	597	N/A	N/A	N/A
900	10	590	287	N/A	N/A	N/A
	15	981	478	N/A	N/A	N/A
	20	1379	672	N/A	N/A	N/A
1000	10	655	318	N/A	N/A	N/A
	15	1090	531	N/A	N/A	N/A
	20	1532	746	N/A	N/A	N/A
1100	10	721	350	N/A	N/A	N/A
	15	1199	584	N/A	N/A	N/A
	20	1685	821	N/A	N/A	N/A
1200	10	786	382	N/A	N/A	N/A
	15	1308	637	N/A	N/A	N/A
	20	1838	895	N/A	N/A	N/A
1400	10	917	446	N/A	N/A	N/A
	15	1526	743	N/A	N/A	N/A
	20	2145	1045	N/A	N/A	N/A
1600	10	1048	509	N/A	N/A	N/A
	15	1744	850	N/A	N/A	N/A
	20	2451	1194	N/A	N/A	N/A
1800	10	1179	573	N/A	N/A	N/A
	15	1962	956	N/A	N/A	N/A
	20	2758	1343	N/A	N/A	N/A
2000	10	1310	637	N/A	N/A	N/A
	15	2180	1062	N/A	N/A	N/A
	20	3064	1493	N/A	N/A	N/A
2200	10	1441	700	N/A	N/A	N/A
	15	2398	1168	N/A	N/A	N/A
	20	3370	1642	N/A	N/A	N/A
2400	10	1572	764	N/A	N/A	N/A
	15	2616	1274	N/A	N/A	N/A
	20	3677	1791	N/A	N/A	N/A
2600	10	1703	827	N/A	N/A	N/A
	15	2834	1381	N/A	N/A	N/A
	20	3983	1940	N/A	N/A	N/A
2800	10	1834	891	N/A	N/A	N/A
	15	3052	1487	N/A	N/A	N/A
	20	4290	2090	N/A	N/A	N/A
3000	10	1965	955	N/A	N/A	N/A
	15	3270	1593	N/A	N/A	N/A
	20	4596	2239	N/A	N/A	N/A

WITH DBE			
Type	Watts	Watts	Watts
	75/65	55/45	35/30
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
10	543	326	136
15	904	542	226
20	1169	701	292
10	609	365	152
15	1013	608	253
20	1322	793	331
10	674	404	169
15	1122	673	281
20	1476	886	369
10	890	534	223
15	1481	889	370
20	1879	1127	470
10	955	573	239
15	1590	954	398
20	2032	1219	508
10	1021	613	255
15	1699	1019	425
20	2185	1311	546
10	1086	652	272
15	1808	1085	452
20	2338	1403	585
10	1217	730	304
15	2026	1216	507
20	2645	1587	661
10	1648	989	412
15	2744	1646	686
20	3451	2071	863
10	1779	1067	445
15	2962	1777	741
20	3758	2255	940
10	1910	1146	478
15	3180	1908	795
20	4064	2438	1016
10	2041	1225	510
15	3398	2039	850
20	4370	2622	1093
10	2472	1483	618
15	4116	2470	1029
20	5177	3106	1294
10	2603	1562	651
15	4334	2600	1084
20	5483	3290	1371
10	2734	1640	684
15	4552	2731	1138
20	5790	3474	1448
10	2865	1719	716
15	4770	2862	1193
20	6096	3658	1524

Installation in a wall recess is also available in heights 700 and 900 mm, see: www.jaga.co.uk

EN442 output at 20°C room temperature

HEIGHT 300 - OUTPUT TABLES

BIWW.030 LLL TT						
L mm	STANDARD			TWIN		
	Type	Watts	Watts	Type	Watts	Watts
		75/65	55/45		75/65	55/45
400	10	330	161	11	448	215
	15	544	267	16	592	281
	20	762	373	21	779	368
500	10	413	202	11	561	269
	15	680	333	16	740	352
	20	953	467	21	974	460
600	10	496	242	11	673	323
	15	815	399	16	888	422
	20	1144	561	21	1169	552
700	10	578	282	11	785	376
	15	951	466	16	1036	492
	20	1334	654	21	1364	644
800	10	661	323	11	897	430
	15	1087	533	16	1184	563
	20	1525	747	21	1558	736
900	10	743	363	11	1009	484
	15	1223	599	16	1332	633
	20	1715	841	21	1753	828
1000	10	826	403	11	1121	537
	15	1359	666	16	1480	703
	20	1906	934	21	1948	920
1100	10	909	444	11	1233	591
	15	1495	733	16	1628	774
	20	2097	1028	21	2143	1012
1200	10	991	484	11	1345	645
	15	1631	799	16	1776	844
	20	2287	1121	21	2338	1105
1400	10	1156	565	11	1569	752
	15	1903	933	16	2072	985
	20	2668	1308	21	2727	1288
1600	10	1322	646	11	1794	860
	15	2174	1066	16	2368	1126
	20	3050	1495	21	3117	1473
1800	10	1487	726	11	2018	967
	15	2446	1199	16	2664	1266
	20	3431	1682	21	3506	1656
2000	10	1652	807	11	2242	1074
	15	2718	1332	16	2960	1407
	20	3812	1868	21	3896	1841
2200	10	1817	887	11	2466	1182
	15	2990	1465	16	3256	1548
	20	4193	2055	21	4286	2025
2400	10	1982	968	11	2690	1289
	15	3262	1599	16	3552	1688
	20	4574	2242	21	4675	2209
2600	10	2148	1049	11	2915	1397
	15	3533	1732	16	3848	1829
	20	4956	2429	21	5065	2393
2800	10	2313	1130	11	3139	1504
	15	3805	1865	16	4144	1970
	20	5337	2616	21	5454	2577
3000	10	2478	1210	11	3363	1612
	15	4077	1998	16	4440	2110
	20	5718	2802	21	5844	2761

Installation in a wall recess is also available in heights 700 and 900 mm, see: www.jaga.co.uk

BIWW.030 LLL TT/DBE				
WITH DBE				
Type	Watts	Watts	Watts	
	75/65	55/45	35/30	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
11	973	584	243	
16	1368	821	342	
21	1649	989	412	
11	1085	651	271	
16	1516	910	379	
21	1844	1106	461	
11	1197	718	299	
16	1664	998	416	
21	2038	1223	510	
11	1609	965	402	
16	2292	1375	573	
21	2713	1628	678	
11	1721	1033	430	
16	2440	1464	610	
21	2908	1745	727	
11	1833	1100	458	
16	2588	1553	647	
21	3103	1862	776	
11	1945	1167	486	
16	2736	1642	684	
21	3298	1979	825	
11	2169	1301	542	
16	3032	1819	758	
21	3687	2212	922	
11	2994	1796	749	
16	4288	2573	1072	
21	5037	3022	1259	
11	3218	1931	805	
16	4584	2750	1146	
21	5426	3256	1357	
11	3442	2065	861	
16	4880	2928	1220	
21	5816	3490	1454	
11	3666	2200	917	
16	5176	3106	1294	
21	6206	3724	1552	
11	4490	2694	1123	
16	6432	3859	1608	
21	7555	4533	1889	
11	4715	2829	1179	
16	6728	4037	1682	
21	7945	4767	1986	
11	4939	2963	1235	
16	7024	4214	1756	
21	8334	5000	2084	
11	5163	3098	1291	
16	7320	4392	1830	
21	8724	5234	2181	

EN442 output at 20°C room temperature

HEIGHT 400 - OUTPUT TABLES

BIWW.040 LLL TT						
L mm	STANDARD			TWIN		
	Type	Watts	Watts	Type	Watts	Watts
		75/65	55/45		75/65	55/45
400	10	385	189	11	506	243
	15	627	309	16	680	323
	20	878	433	21	910	428
500	10	482	236	11	632	303
	15	784	386	16	850	403
	20	1098	541	21	1137	535
600	10	578	284	11	758	363
	15	941	464	16	1020	484
	20	1318	650	21	1364	641
700	10	674	331	11	885	424
	15	1098	541	16	1190	564
	20	1537	758	21	1592	749
800	10	770	378	11	1011	485
	15	1254	618	16	1360	645
	20	1757	866	21	1819	855
900	10	867	425	11	1138	546
	15	1411	695	16	1530	726
	20	1976	974	21	2047	963
1000	10	963	472	11	1264	606
	15	1568	773	16	1700	806
	20	2196	1083	21	2274	1069
1100	10	1059	520	11	1390	666
	15	1725	850	16	1870	887
	20	2416	1191	21	2501	1176
1200	10	1156	567	11	1517	727
	15	1882	928	16	2040	968
	20	2635	1299	21	2729	1283
1400	10	1348	661	11	1770	849
	15	2195	1082	16	2380	1129
	20	3074	1516	21	3184	1497
1600	10	1541	756	11	2022	969
	15	2509	1237	16	2720	1290
	20	3514	1733	21	3638	1711
1800	10	1733	850	11	2275	1091
	15	2822	1391	16	3060	1452
	20	3953	1949	21	4093	1925
2000	10	1926	945	11	2528	1212
	15	3136	1546	16	3400	1613
	20	4392	2166	21	4548	2139
2200	10	2119	1040	11	2781	1333
	15	3450	1700	16	3740	1774
	20	4831	2382	21	5003	2353
2400	10	2311	1134	11	3034	1455
	15	3763	1855	16	4080	1935
	20	5270	2599	21	5458	2567
2600	10	2504	1229	11	3286	1576
	15	4077	2009	16	4420	2097
	20	5710	2816	21	5912	2780
2800	10	2696	1323	11	3539	1697
	15	4390	2164	16	4760	2258
	20	6149	3032	21	6367	2994
3000	10	2889	1417	11	3792	1818
	15	4704	2318	16	5100	2419
	20	6588	3249	21	6822	3208

BIWW.040 LLL TT/DBE				
WITH DBE				
Type	Watts	Watts	Watts	
	75/65	55/45	35/30	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
11	1058	635	265	
16	1500	900	375	
21	1844	1106	461	
11	1185	711	296	
16	1670	1002	418	
21	2072	1243	518	
11	1311	787	328	
16	1840	1104	460	
21	2299	1379	575	
11	1738	1043	435	
16	2490	1494	623	
21	3007	1804	752	
11	1864	1118	466	
16	2660	1596	665	
21	3234	1940	809	
11	1990	1194	498	
16	2830	1698	708	
21	3461	2077	865	
11	2117	1270	529	
16	3000	1800	750	
21	3689	2213	922	
11	2370	1422	593	
16	3340	2004	835	
21	4144	2486	1036	
11	3222	1933	806	
16	4640	2784	1160	
21	5558	3335	1390	
11	3475	2085	869	
16	4980	2988	1245	
21	6013	3608	1503	
11	3728	2237	932	
16	5320	3192	1330	
21	6468	3881	1617	
11	3981	2389	995	
16	5660	3396	1415	
21	6923	4154	1731	
11	4834	2900	1209	
16	6960	4176	1740	
21	8338	5003	2085	
11	5086	3052	1272	
16	7300	4380	1825	
21	8792	5275	2198	
11	5339	3203	1335	
16	7640	4584	1910	
21	9247	5548	2312	
11	5592	3355	1398	
16	7980	4788	1995	
21	9702	5821	2426	

HEIGHT 500 - OUTPUT TABLES

BIWW.050 LLL TT						
L mm	STANDARD			TWIN		
	Type	Watts	Watts	Type	Watts	Watts
		75/65	55/45		75/65	55/45
400	10	430	212	11	554	266
	15	694	344	16	759	359
	20	970	481	21	1033	484
500	10	538	265	11	693	332
	15	867	430	16	949	449
	20	1213	602	21	1291	605
600	10	646	318	11	832	399
	15	1040	516	16	1139	539
	20	1455	722	21	1549	725
700	10	753	371	11	970	465
	15	1214	602	16	1329	629
	20	1698	842	21	1807	846
800	10	861	424	11	1109	532
	15	1387	688	16	1518	719
	20	1940	962	21	2066	968
900	10	968	477	11	1247	598
	15	1561	774	16	1708	809
	20	2183	1083	21	2324	1088
1000	10	1076	530	11	1386	665
	15	1734	860	16	1898	898
	20	2425	1203	21	2582	1209
1100	10	1184	584	11	1525	732
	15	1907	946	16	2088	988
	20	2668	1323	21	2840	1330
1200	10	1291	636	11	1663	798
	15	2081	1032	16	2278	1078
	20	2910	1443	21	3098	1451
1400	10	1506	742	11	1940	931
	15	2428	1204	16	2657	1258
	20	3395	1684	21	3615	1693
1600	10	1722	849	11	2218	1064
	15	2774	1376	16	3037	1438
	20	3880	1924	21	4131	1935
1800	10	1937	955	11	2495	1197
	15	3121	1548	16	3416	1617
	20	4365	2165	21	4648	2177
2000	10	2152	1061	11	2772	1330
	15	3468	1720	16	3796	1797
	20	4850	2405	21	5164	2418
2200	10	2367	1167	11	3049	1463
	15	3815	1892	16	4176	1977
	20	5335	2646	21	5680	2660
2400	10	2582	1273	11	3326	1596
	15	4162	2064	16	4555	2156
	20	5820	2886	21	6197	2902
2600	10	2798	1379	11	3604	1729
	15	4508	2236	16	4935	2336
	20	6305	3127	21	6713	3144
2800	10	3013	1485	11	3881	1862
	15	4855	2408	16	5314	2516
	20	6790	3367	21	7230	3386
3000	10	3228	1591	11	4158	1995
	15	5202	2580	16	5694	2695
	20	7275	3608	21	7746	3628

Installation in a wall recess is also available in heights 700 and 900 mm, see: www.jaga.co.uk

BIWW.050 LLL TT/DBE				
WITH DBE				
Type	Watts	Watts	Watts	
	75/65	55/45	35/30	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
N/A	N/A	N/A	N/A	
11	1132	679	283	
16	1619	971	405	
21	2029	1217	507	
11	1270	762	318	
16	1809	1085	452	
21	2287	1372	572	
11	1409	845	352	
16	1998	1199	500	
21	2546	1528	637	
11	1847	1108	462	
16	2668	1601	667	
21	3284	1970	821	
11	1986	1192	497	
16	2858	1715	715	
21	3542	2125	886	
11	2125	1275	531	
16	3048	1829	762	
21	3800	2280	950	
11	2263	1358	566	
16	3238	1943	810	
21	4058	2435	1015	
11	2540	1524	635	
16	3617	2170	904	
21	4575	2745	1144	
11	3418	2051	855	
16	4957	2974	1239	
21	6051	3631	1513	
11	3695	2217	924	
16	5336	3202	1334	
21	6568	3941	1642	
11	3972	2383	993	
16	5716	3430	1429	
21	7084	4250	1771	
11	4249	2549	1062	
16	6096	3658	1524	
21	7600	4560	1900	
11	5126	3076	1282	
16	7435	4461	1859	
21	9077	5446	2269	
11	5404	3242	1351	
16	7815	4689	1954	
21	9593	5756	2398	
11	5681	3409	1420	
16	8194	4916	2049	
21	10110	6066	2528	
11	5958	3575	1490	
16	8574	5144	2144	
21	10626	6376	2657	

EN442 output at 20°C room temperature

HEIGHT 600 - OUTPUT TABLES

BIWW.060 LLL TT						
L mm	STANDARD			TWIN		
	Type	Watts	Watts	Type	Watts	Watts
		75/65	55/45		75/65	55/45
400	10	468	232	11	598	287
	15	746	372	16	834	394
	20	1043	520	21	1153	538
500	10	585	290	11	747	359
	15	933	466	16	1042	492
	20	1304	651	21	1441	672
600	10	702	348	11	896	430
	15	1120	559	16	1250	591
	20	1565	781	21	1729	806
700	10	819	406	11	1046	502
	15	1306	652	16	1459	689
	20	1826	911	21	2017	941
800	10	936	463	11	1195	574
	15	1493	745	16	1667	788
	20	2086	1041	21	2306	1076
900	10	1053	521	11	1345	646
	15	1679	838	16	1876	886
	20	2347	1171	21	2594	1210
1000	10	1170	579	11	1494	717
	15	1866	931	16	2084	985
	20	2608	1301	21	2882	1344
1100	10	1287	637	11	1643	789
	15	2053	1024	16	2292	1083
	20	2869	1432	21	3170	1479
1200	10	1404	695	11	1793	861
	15	2239	1117	16	2501	1182
	20	3130	1562	21	3458	1613
1400	10	1638	811	11	2092	1004
	15	2612	1303	16	2918	1379
	20	3651	1822	21	4035	1882
1600	10	1872	927	11	2390	1147
	15	2986	1490	16	3334	1575
	20	4173	2082	21	4611	2151
1800	10	2106	1043	11	2689	1291
	15	3359	1676	16	3751	1772
	20	4694	2342	21	5188	2420
2000	10	2340	1159	11	2988	1434
	15	3732	1862	16	4168	1969
	20	5216	2603	21	5764	2688
2200	10	2574	1275	11	3287	1578
	15	4105	2048	16	4585	2166
	20	5738	2863	21	6340	2957
2400	10	2808	1390	11	3586	1721
	15	4478	2234	16	5002	2363
	20	6259	3123	21	6917	3226
2600	10	3042	1506	11	3884	1864
	15	4852	2421	16	5418	2560
	20	6781	3383	21	7493	3495
2800	10	3276	1622	11	4183	2008
	15	5225	2607	16	5835	2757
	20	7302	3643	21	8070	3764
3000	10	3510	1738	11	4482	2151
	15	5598	2793	16	6252	2954
	20	7824	3904	21	8646	4033

Installation in a wall recess is also available in heights 700 and 900 mm, see: www.jaga.co.uk

EN442 output at 20°C room temperature