MAXI DBE

The industry-standard for safe LST heating

jaga

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Maxi DBE

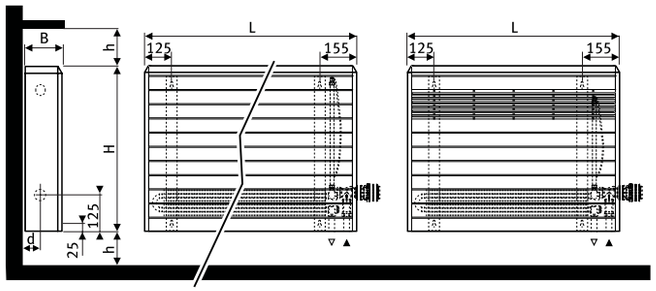
Dimensions

Type	B	d	h (min)
10-11	130	53	100
15-16	180	78	120
20-21	230	103	150

Dimensions in mm

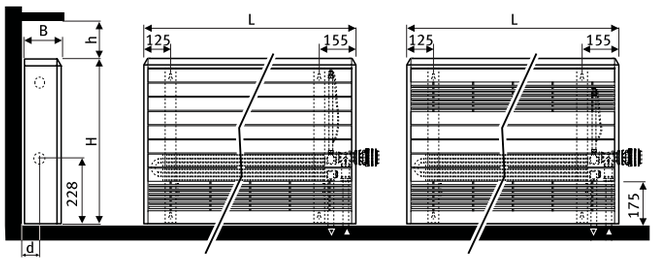
Product code: MAXW

Maxi LST Wall-Mounted with Top Grille: WT + DBE



Maxi LST Wall-Mounted with Front Grille: WF + DBE

Maxi LST Floor-Mounted with Top and Front Grille: FT + DBE

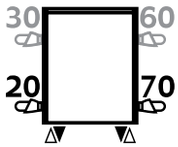


Maxi LST Floor-Mounted with 2 Front Grills: FF + DBE

Connections

Standard connection

20 (bottom left) or 70 (bottom right)



Top valve connection

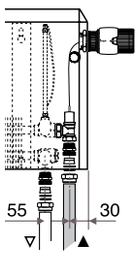
30 (top left) or 60 (top right)

- No perforation for thermostatic radiator valve in the side panel
  Add 00 to ordering code Example: MAXW/044/063/10/233/XX/00

Options

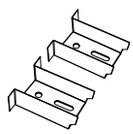
Top valve

Please contact our office for more information and for prices of the high level valve kits available.



Locks

- Comes with two locks per casing
- Requires tools to be detached
- Free of charge if code 5111.010 is indicated



Antibacterial coating

Available to ensure safety

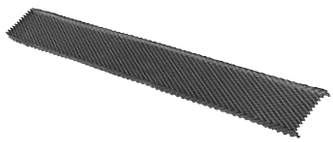
Safety screws

- 100 safety screws can be ordered as a replacement for Allen screws
- Requires specialised equipment (bit) for removal

Description	Code
screws	5111.020
bit	5111.030

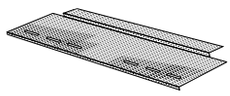
Pencil-proof grille

- Prevents smaller objects or waste falling within the casing
- Only for models WT and FT
- May effect output when used



Base grille

- Prevents access to the casing's inside from below
- Only for models WT and WF
- May effect output when used



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Outputs

WF Model - with front grille

	code	height	length	type	colour	model	connection
ORDER CODE:	MAXW	059	123	21	233	WF	70

(Example order code shown is for a Maxi DBE WF model - 590mm high radiator, 1230mm long, type 21)

Supplied as Standard

- Colours 233, 201 or 001
- Twin Low-H20 heat exchanger
- Wall brackets
- Casing locks
- Fixing kit with Allen screws
- Extended air vent 1/8”
- Drain plug 1/2”

Outputs in watts at 75/65/20°C, in accordance with EN442

Height ▼	Type ▼	Length ▶	830	1030	1230	1430	1630	1830	2030
	11	Stand-by	1141	1416	1691	1966	2241	2516	2791
		Comfort	1441	2016	2291	2866	3141	3716	3991
		Boost	1941	3016	3291	4366	4641	5716	5991
	16	Stand-by	1429	1773	2117	2462	2806	3150	3494
590		Comfort	1909	2733	3077	3902	4246	5070	5414
		Boost	2584	4083	4427	5927	6271	7770	8114
	21	Stand-by	1846	2291	2736	3181	3626	4070	4515
		Comfort	2326	3251	3696	4621	5066	5990	6435
		Boost	3001	4601	5046	6646	7091	8690	9135
	11	Stand-by	1272	1579	1886	2192	2499	2805	3112
		Comfort	1572	2179	2486	3092	3399	4005	4312
		Boost	2072	3179	3486	4592	4899	6005	6312
	16	Stand-by	1639	2034	2429	2824	3219	3614	4009
740		Comfort	2119	2994	3389	4264	4659	5534	5929
		Boost	2794	4344	4739	6289	6684	8234	8629
	21	Stand-by	2171	2694	3217	3740	4263	4786	5310
		Comfort	2651	3654	4177	5180	5703	6706	7230
		Boost	3326	5004	5527	7205	7728	9406	9930

Outputs in watts at 55/45/20°C, in accordance with EN442

Height ▼	Type ▼	Length ▶	830	1030	1230	1430	1630	1830	2030
	11	Stand-by	574	712	851	989	1127	1266	1404
		Comfort	865	1210	1375	1720	1885	2230	2395
		Boost	1165	1810	1975	2620	2785	3430	3595
	16	Stand-by	719	892	1065	1238	1411	1584	1757
590		Comfort	1145	1640	1846	2341	2548	3042	3248
		Boost	1550	2450	2656	3556	3763	4662	4868
	21	Stand-by	929	1152	1376	1600	1824	2047	2271
		Comfort	1396	1951	2218	2773	3040	3594	3861
		Boost	1801	2761	3028	3988	4255	5214	5481
	11	Stand-by	640	794	949	1103	1257	1411	1565
		Comfort	943	1307	1492	1855	2039	2403	2587
		Boost	1243	1907	2092	2755	2939	3603	3787
	16	Stand-by	824	1023	1222	1420	1619	1818	2017
740		Comfort	1271	1796	2033	2558	2795	3320	3557
		Boost	1676	2606	2843	3773	4010	4940	5177
	21	Stand-by	1092	1355	1618	1881	2144	2407	2671
		Comfort	1591	2192	2506	3108	3422	4024	4338
		Boost	1996	3002	3316	4323	4637	5644	5958

All dimensions are shown in millimetres

Output measured in accordance with EN442, at a water temperature of 75/65°C and a room temperature of 20°C (ΔT=50).

Outputs

WF Model - with front grille

	code	height	length	type	colour	model	connection
ORDER CODE:	MAXW	074	123	16	233	WF	70

(Example order code shown is for a Maxi DBE WF model - 740mm high radiator, 1230mm long, type 16)

Outputs in watts at 35/30/20°C, in accordance with EN442

Height ▼	Type ▼	Length ▶	830	1030	1230	1430	1630	1830	2030
	11	Stand-by	177	219	262	305	347	390	433
		Comfort	360	504	573	717	785	929	998
		Boost	485	754	823	1092	1160	1429	1498
	16	Stand-by	221	275	328	382	435	488	542
590		Comfort	477	683	769	976	1062	1268	1354
		Boost	646	1021	1107	1482	1568	1943	2029
	21	Stand-by	286	355	424	493	562	631	700
		Comfort	582	813	924	1155	1267	1498	1609
		Boost	750	1150	1262	1662	1773	2173	2284
	11	Stand-by	197	245	292	340	387	435	482
		Comfort	393	545	622	773	850	1001	1078
		Boost	518	795	872	1148	1225	1501	1578
	16	Stand-by	254	315	376	438	499	560	621
740		Comfort	530	749	847	1066	1165	1384	1482
		Boost	699	1086	1185	1572	1671	2059	2157
	21	Stand-by	337	418	499	580	661	742	823
		Comfort	663	914	1044	1295	1426	1677	1808
		Boost	832	1251	1382	1801	1932	2352	2483

Supplied as Standard

- Colours 233, 201 or 001
- Twin Low-H20 heat exchanger
- Wall brackets
- Casing locks
- Fixing kit with Allen screws
- Extended air vent 1/8”
- Drain plug 1/2”

All dimensions are shown in millimetres

Output measured in accordance with EN442, at a water temperature of 75/65°C and a room temperature of 20°C (ΔT=50).

Outputs

FT Model - with top and front grille

	code	height	length	type	colour	model	connection
ORDER CODE:	MAXW	044	203	11	233	FT	70

(Example order code shown is for a Maxi DBE FT model - 440mm high radiator, 2030mm long, type 11)

Supplied as Standard

- Colours 233, 201 or 001
- Twin Low-H20 heat exchanger
- Wall brackets
- Casing locks
- Fixing kit with Allen screws
- Extended air vent 1/8”
- Drain plug 1/2”

Outputs in watts at 75/65/20°C, in accordance with EN442

Height ▼	Type ▼	Length ▶	830	1030	1230	1430	1630	1830	2030
	11	Stand-by	917	1138	1359	1580	1801	2022	2243
		Comfort	1217	1738	1959	2480	2701	3222	3443
		Boost	1717	2738	2959	3980	4201	5222	5443
	16	Stand-by	1138	1412	1686	1960	2235	2509	2783
440		Comfort	1618	2372	2646	3400	3675	4429	4703
		Boost	2293	3722	3996	5425	5700	7129	7403
	21	Stand-by	1447	1796	2145	2493	2842	3191	3540
		Comfort	1927	2756	3105	3933	4282	5111	5460
		Boost	2602	4106	4455	5958	6307	7811	8160
	11	Stand-by	1091	1354	1617	1880	2143	2406	2669
		Comfort	1391	1954	2217	2780	3043	3606	3869
		Boost	1891	2954	3217	4280	4543	5606	5869
	16	Stand-by	1391	1726	2061	2396	2731	3067	3402
590		Comfort	1871	2686	3021	3836	4171	4987	5322
		Boost	2546	4036	4371	5861	6196	7687	8022
	21	Stand-by	1814	2251	2688	3125	3562	3999	4436
		Comfort	2294	3211	3648	4565	5002	5919	6356
		Boost	2969	4561	4998	6590	7027	8619	9056
	11	Stand-by	1231	1528	1825	2121	2418	2715	3011
		Comfort	1531	2128	2425	3021	3318	3915	4211
		Boost	2031	3128	3425	4521	4818	5915	6211
	16	Stand-by	1613	2002	2391	2779	3168	3557	3946
740		Comfort	2093	2962	3351	4219	4608	5477	5866
		Boost	2768	4312	4701	6244	6633	8177	8566
	21	Stand-by	2156	2676	3196	3715	4235	4754	5274
		Comfort	2636	3636	4156	5155	5675	6674	7194
		Boost	3311	4986	5506	7180	7700	9374	9894

Outputs in watts at 55/45/20°C, in accordance with EN442

Output measured in accordance with EN442, at a water temperature of 75/65°C and a room temperature of 20°C (ΔT=50).

Height ▼	Type ▼	Length ▶	830	1030	1230	1430	1630	1830	2030
	11	Stand-by	461	572	684	795	906	1017	1128
		Comfort	730	1043	1175	1488	1621	1933	2066
		Boost	1030	1643	1775	2388	2521	3133	3266
	16	Stand-by	572	710	848	986	1124	1262	1400
440		Comfort	971	1423	1588	2040	2205	2657	2822
		Boost	1376	2233	2398	3255	3420	4277	4442
	21	Stand-by	728	903	1079	1254	1430	1605	1781
		Comfort	1156	1654	1863	2360	2569	3067	3276
		Boost	1561	2464	2673	3575	3784	4687	4896
	11	Stand-by	549	681	813	946	1078	1210	1343
		Comfort	835	1172	1330	1668	1826	2164	2321
		Boost	1135	1772	1930	2568	2726	3364	3521
	16	Stand-by	700	868	1037	1205	1374	1543	1711
590		Comfort	1123	1612	1813	2302	2503	2992	3193
		Boost	1528	2422	2623	3517	3718	4612	4813
	21	Stand-by	912	1132	1352	1572	1792	2011	2231
		Comfort	1376	1927	2189	2739	3001	3551	3814
		Boost	1781	2737	2999	3954	4216	5171	5434
	11	Stand-by	619	769	918	1067	1216	1366	1515
		Comfort	919	1277	1455	1813	1991	2349	2527
		Boost	1219	1877	2055	2713	2891	3549	3727
	16	Stand-by	811	1007	1203	1398	1594	1789	1985
740		Comfort	1256	1777	2011	2531	2765	3286	3520
		Boost	1661	2587	2821	3746	3980	4906	5140
	21	Stand-by	1084	1346	1608	1869	2130	2391	2653
		Comfort	1582	2182	2494	3093	3405	4004	4316
		Boost	1987	2992	3304	4308	4620	5624	5936

All dimensions are shown in millimetres

Outputs

FT Model - with top and front grille

	code	height	length	type	colour	model	connection
ORDER CODE:	MAXW	074	183	16	233	FT	70

(Example order code shown is for a Maxi DBE FT model - 740mm high radiator, 1830mm long, type 11)

Outputs in watts at 35/30/20°C, in accordance with EN442

Height ▼	Type ▼	Length ▶	830	1030	1230	1430	1630	1830	2030
	11	Stand-by	142	176	211	245	279	313	348
		Comfort	304	435	490	620	675	806	861
		Boost	429	685	740	995	1050	1306	1361
	16	Stand-by	176	219	261	304	346	389	431
440		Comfort	405	593	662	850	919	1107	1176
		Boost	573	931	999	1356	1425	1782	1851
	21	Stand-by	224	278	332	386	441	495	549
		Comfort	482	689	776	983	1071	1278	1365
		Boost	651	1027	1114	1490	1577	1953	2040
	11	Stand-by	169	210	251	291	332	373	414
		Comfort	348	489	554	695	761	902	967
		Boost	473	739	804	1070	1136	1402	1467
	16	Stand-by	216	268	319	371	423	475	527
590		Comfort	468	672	755	959	1043	1247	1331
		Boost	637	1009	1093	1465	1549	1922	2006
	21	Stand-by	281	349	417	484	552	620	688
		Comfort	574	803	912	1141	1251	1480	1589
		Boost	742	1140	1250	1648	1757	2155	2264
	11	Stand-by	191	237	283	329	375	421	467
		Comfort	383	532	606	755	830	979	1053
		Boost	508	782	856	1130	1205	1479	1553
	16	Stand-by	250	310	371	431	491	551	612
740		Comfort	523	741	838	1055	1152	1369	1467
		Boost	692	1078	1175	1561	1658	2044	2142
	21	Stand-by	334	415	495	576	656	737	817
		Comfort	659	909	1039	1289	1419	1669	1799
		Boost	828	1247	1377	1795	1925	2344	2474

Supplied as Standard

- Colours 233, 201 or 001
- Twin Low-H20 heat exchanger
- Wall brackets
- Casing locks
- Fixing kit with Allen screws
- Extended air vent 1/8”
- Drain plug 1/2”

All dimensions are shown in millimetres

Output measured in accordance with EN442, at a water temperature of 75/65°C and a room temperature of 20°C (ΔT=50).

Outputs

FF Model - with 2 front grilles

	code	height	length	type	colour	model	connection
ORDER CODE:	MAXW	074	083	21	233	FF	70

(Example order code shown is for a Maxi DBE FF model - 740mm high radiator, 830mm long, type 21)

Supplied as Standard

- Colours 233, 201 or 001
- Twin Low-H20 heat exchanger
- Wall brackets
- Casing locks
- Fixing kit with Allen screws
- Extended air vent 1/8”
- Drain plug 1/2”

Outputs in watts at 75/65/20°C, in accordance with EN442

Height ▼	Type ▼	Length ▶	830	1030	1230	1430	1630	1830	2030
	11	Stand-by	1141	1416	1691	1966	2241	2516	2791
		Comfort	1441	2016	2291	2866	3141	3716	3991
		Boost	1941	3016	3291	4366	4641	5716	5991
	16	Stand-by	1376	1707	2038	2370	2701	3033	3364
740		Comfort	1856	2667	2998	3810	4141	4953	5284
		Boost	2531	4017	4348	5835	6166	7653	7984
	21	Stand-by	1700	2110	2520	2929	3339	3749	4159
		Comfort	2180	3070	3480	4369	4779	5669	6079
		Boost	2855	4420	4830	6394	6804	8369	8779

Outputs in watts at 55/45/20°C, in accordance with EN442

Height ▼	Type ▼	Length ▶	830	1030	1230	1430	1630	1830	2030
	11	Stand-by	574	712	851	989	1127	1266	1404
		Comfort	865	1210	1375	1720	1885	2230	2395
		Boost	1165	1810	1975	2620	2785	3430	3595
	16	Stand-by	692	859	1025	1192	1359	1526	1692
740		Comfort	1114	1600	1799	2286	2485	2972	3170
		Boost	1519	2410	2609	3501	3700	4592	4790
	21	Stand-by	855	1061	1268	1473	1680	1886	2092
		Comfort	1308	1842	2088	2621	2867	3401	3647
		Boost	1713	2652	2898	3836	4082	5021	5267

Outputs in watts at 35/30/20°C, in accordance with EN442

Height ▼	Type ▼	Length ▶	830	1030	1230	1430	1630	1830	2030
740	**11**	Stand-by	177	219	262	305	347	390	433
		Comfort	360	504	573	717	785	929	998
		Boost	485	754	823	1092	1160	1429	1498
	16	Stand-by	213	265	316	367	419	470	521
		Comfort	464	667	750	953	1035	1238	1321
		Boost	633	1004	1087	1459	1542	1913	1996
	21	Stand-by	264	327	391	454	518	581	645
		Comfort	545	768	870	1092	1195	1417	1520
		Boost	714	1105	1208	1599	1701	2092	2195

All dimensions are shown in millimetres

Output measured in accordance with EN442, at a water temperature of 75/65°C and a room temperature of 20°C (ΔT=50).

Connection Sets

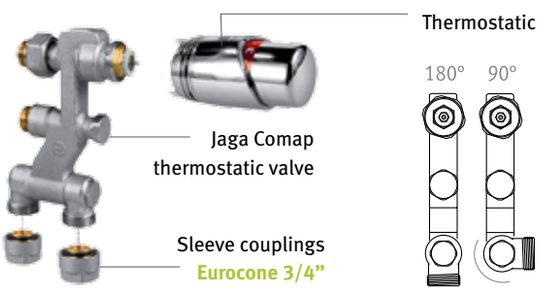
The order code of the connection set will be completed with the sleeve coupling code

Set 26 Jaga Comap valve

Two pipe

Universal valve set for connection to the wall or to the floor **Kv max. 0.6**

Code	Thermostatic head
COLO.CP2.DW.4...	chrome / white
COLO.CP2.DC.4...	chrome
COLO.CP2.JA.4...	white
COLO.CP2.JC.4...	silver



Set 21 Jaga valve

Two pipe

Connection to the wall - Not for Type 6 **Kv max. 0.6**

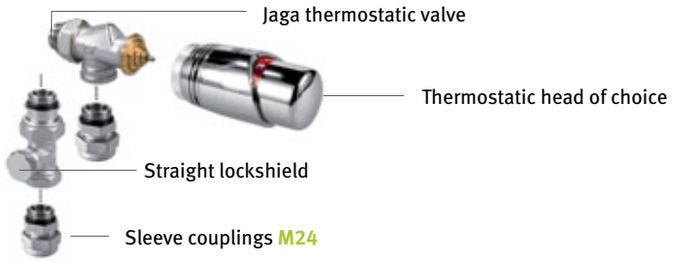
Code	Thermostatic head
COLO.JW2.DW.2...	chrome / white
COLO.JW2.DC.2...	chrome
COLO.JW2.JA.2...	white
COLO.JW2.JC.2...	silver

Set 22 Jaga valve

Two pipe

Connection to the floor **Kv max. 0.6**

Code	Thermostatic head
COLO.JF2.DW.2...	chrome / white
COLO.JF2.DC.2...	chrome
COLO.JF2.JA.2...	white
COLO.JF2.JC.2...	silver



Thermostatic heads

DW

Chrome/ White

DC

Chrome

JA

White

JC

Silver

RM

Remote Controlled

DS

Chrome/white remote sensor

Sleeve Couplings

Included in the price of the connection sets

Pro Key

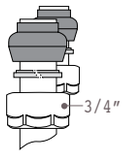
Tool for easy mounting of the Jaga Pro valve.

Code 5090.1120

For Jaga Comap valve - Eurocone 3/4”

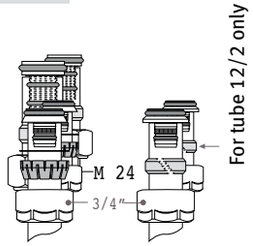
For flexible steel or copper tube

Code	Tube Ø
112	12/1
114	14/1
115	15/1
116	16/1
118	18/1



For synthetic or RPE/ALU tube

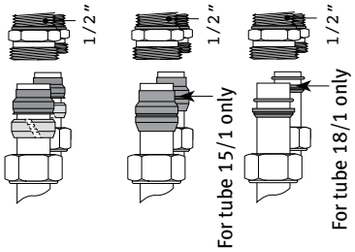
Code	Tube Ø
612	12/2
614	14/2
616	16/2
617	17/2
618	18/2
615	15/2.5
619	16/1.5
620	20/2



For Jaga valve - M24

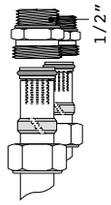
For flexible steel or copper tube

Code	Tube Ø
110	10/1
112	12/1
114	14/1
115	15/1
116	16/1
118	18/1



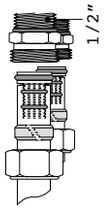
For synthetic tube

Code	Tube Ø
212	12/2
214	14/2
219	16/1.5
216	16/2
217	17/2
218	18/2



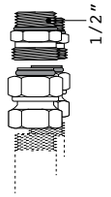
For RPE/ALU tube

Code	Tube Ø
314	14/2
316	16/2
326	16/2.2
318	18/2



Steel tube for CH

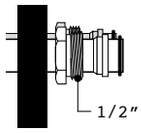
Code	Tube Ø
501	1/2”
503	3/8”



Short Coupling - for Connection to the wall

For flexible steel or copper tube Ø 15mm

Code	Tube Ø
125	15/1



Complete ordering code with sleeve couplings according to the material used and diameter of the tube. *The correct type of sleeve coupling is determined by the ordering code of the connection set*

Example: COLO. PW2.DW. 32. (insert relevant code from above)

Correction factors

Average correction factors according to EN442 - 75/65/20°C for Comfort and Boost mode

Tv	Tl	Tr > 20	25	30	35	40	45	50	55	60	65	70	75	80	85
90	20	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.05	1.10	1.15	1.20	1.25	1.30	1.35
	24	0.62	0.67	0.72	0.77	0.82	0.87	0.92	0.97	1.02	1.07	1.12	1.17	1.22	1.32
85	20	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.05	1.10	1.15	1.20	1.25	
	24	0.57	0.62	0.67	0.72	0.77	0.82	0.87	0.92	0.97	1.02	1.07	1.12	1.17	
80	20	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.05	1.10	1.15		
	24	0.52	0.57	0.62	0.67	0.72	0.77	0.82	0.87	0.92	0.97	1.02	1.07		
75	20	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95	1.00	1.05			
	24	0.47	0.52	0.57	0.62	0.67	0.72	0.77	0.82	0.87	0.92	0.95			
70	20	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95				
	24	0.42	0.47	0.52	0.57	0.62	0.67	0.72	0.77	0.82	0.87				
65	20	0.45	0.50	0.55	0.60	0.65	0.70	0.75	0.80	0.85					
	24	0.37	0.42	0.47	0.52	0.57	0.62	0.67	0.72	0.77					
60	20	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75						
	24	0.32	0.37	0.42	0.47	0.52	0.57	0.62	0.67						
55	20	0.35	0.40	0.45	0.50	0.55	0.60	0.65							
	24	0.27	0.32	0.37	0.42	0.47	0.52	0.57							
50	20	0.30	0.35	0.40	0.45	0.50	0.55								
	24	0.22	0.27	0.32	0.37	0.42	0.47								
45	20	0.25	0.30	0.35	0.40	0.45									
	24	0.17	0.22	0.27	0.32	0.37									
40	20	0.20	0.25	0.30	0.35										
	24	0.12	0.17	0.22	0.27										
35	20	0.15	0.20	0.25											
	24	0.07	0.12	0.17											
30	20	0.10	0.15												
	24	0.02	0.07												

The indicated outputs with ΔT 50°c are the exact outputs and are calculated in accordance with EN442.
An average correction factor is given in this table for outputs at other ΔT and is applicable for all dimensions.

KEY
Tv = flow temperature
Tr = return temperature
Tl = desired air temperature

How to choose the right radiator?

Rapid estimation of heat losses

Calculate the volume of the room (L x W x H) and multiply this by the Watts/m³ figure given in the table below. Choose according to the level of insulation and the desired room temperature.

Insulation	20°	24°
excellent	45	55
good	65	75
average	85	95
poor	100	115

Required output in Watts/m³

Example

Use the table to determine the relevant correction factor with a water temperature of 60/45°c with a room temperature of 20°C.

The correction factor = 0.65

Required output 1000 watts : 1000 divided by 0.65 = 1538 watts therefore search in this leaflet's standard output table for a product with an output of at least 1538 watts. Alternatively use the "Radiator Finder" search function on www.jaga.co.uk to identify all Jaga heating products with this required output.

EN 442 EURONORM

Output calculated in accordance with EN442, at a water temperature of 75/65°C and a room temperature of 20°C (ΔT=50).

Acoustic Data

Sound pressure and correction factors

Type	db(A)	
	Comfort	Boost
11	29	35
16	27	31

Several appliances with an equal sound level in a room

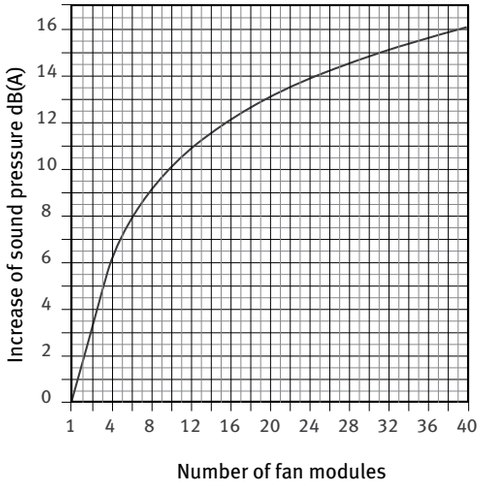
Number db(A)	Correction db(A)
2	+3.0
3	+4.8

P2 = P1 + 10 log n
P1 = sound level one appliance
P2 = sound level to be calculated
n = number of appliances

Through the DBE-communication software (DBED) it is possible to set up other activator speeds. In this way you can obtain other outputs and sound pressures. For more information, contact Jaga.

For reference a typical conversation has a db level of 60, a motorbike is 105db and a rock concert 140db.

Combined sound level of multiple DBE units



Correction factor by room volume

Volume (m3)	Correction db(A)
80	0
150	-2.7
200	-4.0
250	-4.9
300	-5.7
350	-6.4
400	-7.0
500	-8.0
600	-8.8

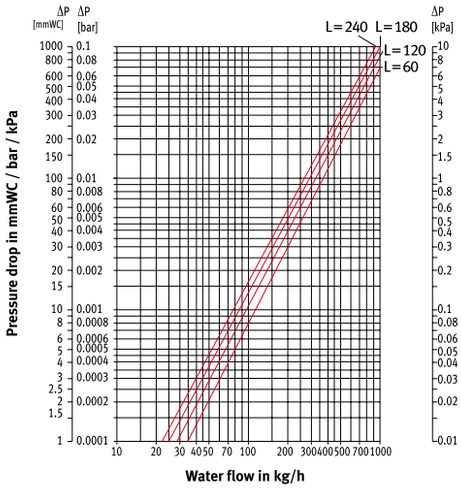
Equation for calculating sound pressure in other room sizes

$$P2 = P1\text{-}10 \log \frac{V2}{V1}$$

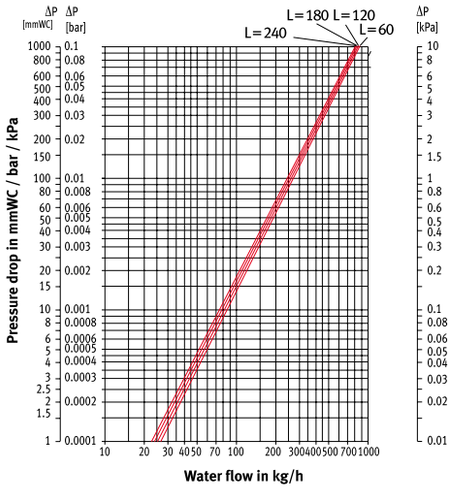
P1 = table of sound pressure
P2 = sound level to be calculated
V1 = size of room of reference (80 m³)
V2 = other room size

Pressure drop

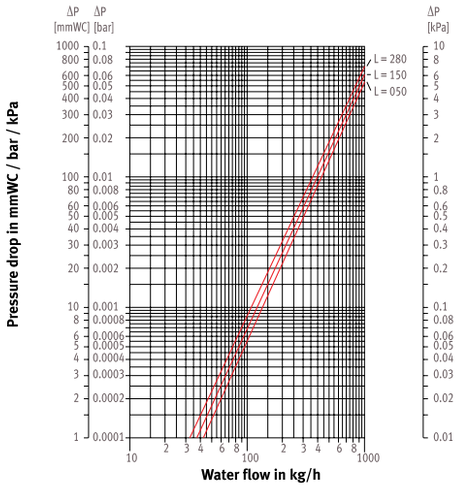
Type 11



Type 16



Type 21



Weights in kg/ metre

Model WT

Height	Types › 11	16	21
440	21.1	24.4	27.3
590	25.8	29.4	32.5
740	31.2	34.9	38.2

Model WF

Height	Types › 11	16	21
440	21.2	25.4	29.1
590	25.8	30.2	34.3
740	31.2	35.8	39.9

Model FT

Height	Types › 11	16	21
440	19.5	22.8	25.7
590	24.3	27.8	30.9
740	29.6	33.3	36.6

Model FF

Height	Types › 11	16	21
440	---	---	---
590	24.3	28.7	32.7
740	29.6	34.3	38.4

Water content in litres

Type	L/metre
11	1.33
16	1.98
21	2.66

Product specification

Maxi LST

Material

- DBE technology
- Low-H2O heat exchanger is composed of round, seamless circulation tubes made of pure red copper, with pure aluminium fins and two brass collectors for left or right 1/2” same end connection. Extended air vent 1/8” and drain plug 1/2” are included
- Pressure test: 20 bar
- Working pressure: 10 bar
- Brackets are included and made of galvanised steel plate of 1mm; supplied to be installed with a maximum intermediate distance of 1.05m
- Locks, two per casing. The casing cannot be detached without tools. The locks will be delivered without surcharge with all Maxi casings, if the code is indicated

Casing Maxi LST, model WT: (wall mounted model with top grille)

- Front panel: pre-mounted and composed of galvanised steel plates of 1.50mm thick, double profiled in length
- Top grille: galvanised steel plate of 0.80mm thick, profiled back wards angled steel plate with angled topside
- Side panels: profiled galvanised steel plate of 1.50mm thick

Casing Maxi LST, model WF: (wall mounted model with front grille)

- Front panel: pre-mounted and composed of galvanised steel plates of 1.50mm thick, double profiled in length
- Front grille for air exhaust: galvanized steel plate of 0.80mm thick, profiled backwards angled steel plate with angled topside. The front grille has to be mounted by the customer in the front panel
- Side panels: profiled galvanised steel plate of 1.50mm thick

Casing Maxi LST, model FT: (floor mounted model with top grille)

- Front panel: pre-mounted and composed of galvanised steel plates of 1.50mm thick, double profiled in length
- Front grille for air inlet and top grille: galvanised steel plate of 0.80mm thick, profiled backwards angled steel plate with angled topside. The front grille has to be mounted by the customer in the front panel
- Side panels: profiled galvanised steel plate of 1.50mm thick

Casing Maxi LST, model FF:
(floor mounted model with two front grilles)

- Front panel: pre-mounted and composed of galvanised steel plates of 1.50mm thick, double profiled in length
- Front grille for air inlet and front grille for air exhaust: galvanised steel plate of 0.80mm thick, profiled backwards angled steel plate with angled topside
- The front grilles have to be mounted by the customer in the front panel
- Side panels: profiled galvanised steel plate of 1.50mm thick

Colour

- Heat exchanger electrostaticaly lacquered with anthracite grey epoxy-polyester RAL 7024
- The casing is lacquered in the colour white (RAL 9016) / white (RAL 9010) / sandblast grey metallic 001 / other (see colour chart)
- The coating is a scratch resistant epoxypolyester powder, sprayed electrostatically and baked at a temperature of 200 °C

Product information

- Integral Low-H20 technology ensures that the casing remains safe to touch without risk of burns, even at high flow temperatures, in accordance with NHS Estates specification guidance
- Manufacturer: Jaga
- Type: Maxi LST
- Outputs measured in accordance with EN442, at a water temperature of 75/65°C and a room temperature of 20°C (ΔT=50°C)

Options

- Pencil-proof grille for model WT and FT, avoiding the possibility of smaller objects or waste falling within the casing. Lacquered in the same colour as the casing
- Base grille for model WT and WF, preventing access to the inside of the casing from below. Lacquered in the same colour as the casing Safety srews as replacement for regular screws. Only removable with specialised equipment
- Top valve
- Brush for easy cleaning of the underside

Jaga colour range

Maxi LST

RAL			
RAL 9010	201	301	White
RAL 9001	202	302	Off-white
RAL 7035	203	303	Light Grey
RAL 9005	204	304	Black
	205	305	Pergamon
	206	306	Manhattan
RAL 5003	208	308	Sapphire Blue
RAL 7011	209	309	Dark Grey
RAL 1004	210	310	Golden Yellow
RAL 3000	211	311	Flaming Red
	212	312	Bahama
RAL 6009	213	313	English Green
	214	314	Whisper Rose
RAL 5018	215	315	Turquoise
	216	316	Bermuda
RAL 8017	217	317	Chocolate Brown
RAL 5015	218	318	Azure
RAL 4008	219	319	Violet
	220	320	Aegean
	221	321	Calypso
	222	322	Capri
	223	323	Natural
	224	324	Edelweis
	225	325	Jasmine
RAL 3003	226	326	Ruby Red
	228	328	Classic White
RAL 6000	229	329	Patina Green
	230	330	Aloa Blue
RAL 7016	231	331	Anthracite Grey
	232	332	Sunrise
RAL 9016	233	333	Traffic White

Special Colours

001	Sandblast Grey Metallic
002	Hammerstroke Silver/Black
003	Claret Metallic
004	Gold Structure
005	Smooth Grey Metallic
RAL 9006 006	Aluminium
007	Anthracite Metallic
008	Anthracite Structure

As it's impossible to reproduce colours with 100% accurancy, this colour chart is intended as a guide only.
Colour swatches are available on request.

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Jaga Guarantee Information

1 The guarantee is valid only if the equipment is properly and correctly used, by its first owner and if installed in accordance with the norms and instructions as detailed in the instruction leaflet and current industry standard practices.

2 The guarantee only applies to the equipment and the spare parts supplied by Jaga. Jaga has the choice between repair and replacement of the equipment or the spare parts. If any modifications have been made by Jaga to the standard product design, Jaga reserves the right to replace the guaranteed equipment with equivalent products or spare parts.

3 The period of guarantee is mentioned in this certificate. The guarantee decreases every year on a straight line basis by an equal percentage in order to reach a zero guarantee at the end of the guarantee period (e.g. for a period of 10 years the annual decrease of the guarantees 10% of the invoiced value). Repaired or replaced product is guaranteed through to the end of the original guarantee period.

4 The guarantee is valid only on products displaying the appropriate identification information concerning product type and series. No guarantee is granted on equipment or spare parts lacking this information, on equipment where this information has been removed or altered, or on equipment that has been repaired or modified by persons not authorised by Jaga to carry out this work.

5 The customer is responsible for any damage caused as a result of errors in installation or use of incorrect fittings, or for any damage caused by electrical connections, faulty or damaged electrical installations or appliances, erroneous voltage or hydraulic pressure and all other errors not directly related to the product delivered by Jaga. The guarantee is also revoked when unsuitable parts or components are used. The guarantee for our heat exchangers is not valid if they are regularly drained, or if they are heated by means of industrial water, steam or water saturated by excessive quantities of oxygen. The quality of the system ater has to be in accordance with the VDI 2035-2 directives. The guarantee is also not applicable if the heat exchangers are placed in unsuitable atmospheric surroundings, such as but not exclusively ammonia, caustic substances etc.

6 This guarantee excludes damage due to incorrect handling and/or use of the equipment, or due to formation of lime deposits, incorrect use of the safety valve, or to all equipment that is incorporated into the building in a way that means it cannot be accessed normally.

7 Any work undertaken or product supplied as a result of a guarantee claim that proves not to be valid will be charged for. Product supplied will be invoiced at the customer's standard purchasing terms, and labour will be charged at £50 per hour with a minimum labour charge of £200.

8 The guarantee period starts from the date of the invoice for supply of the products covered by the guarantee. If the invoice is not available, the date of production will be used based on the product ID number/series.

9 Only the courts of judicial district Hasselt (Belgium) are authorised to deal with disputes arising from this guarantee. It will apply Belgian law even when sales involved are subjects of EU member states as well as non-EU member countries.

Heat exchanger

Casings and components

Valves for Low-H2O heat exhangers

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