

JAGA VALUES

Jaga is built on five core values which run through everything we do.

We are devoted to developing heating, cooling and ventilation solutions that use less energy and raw materials. The most environmentally-friendly way is the Jaga way!

RESPECT NATURE

Striking the balance between man and the environment, we must respect our planet and work to preserve it for the future.



GUARANTEE
30
YEAR
HEAT EXCHANGER



RUBBISH

BUILD ACCORDING TO
THE CRADLE-TO-CRADLE
PHILOSOPHY
NO NEW TREES WERE HARMED
DURING THE MAKING OF
THIS STAND

RESPECT NATURE

AWAKE THE ARTIST

We create technology to deliver high performance. Our products are also works of art, designed to compliment the surroundings of any room.



AWAKE THE ARTIST



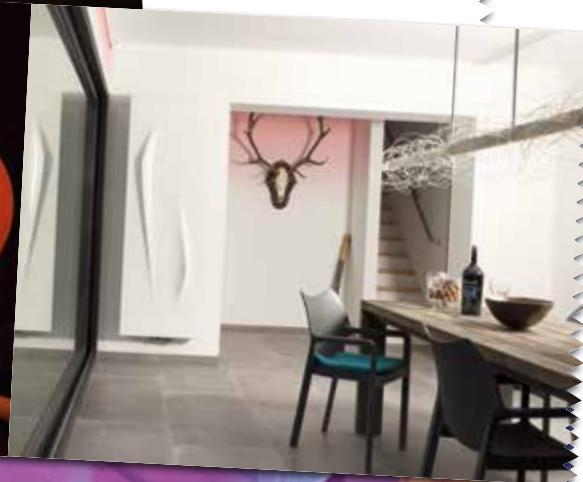


**DREAM A
FUTURE**



DREAM A FUTURE

We look to the future when designing products to create a positive impact on people's lives and our planet.



CREATE EMOTION

Life is about passion, emotions and experiences and we use all of these to create exciting and unique designs.



**CREATE
EMOTION**

BUILDING BRIDGES

We choose to work with like-minded people and companies to unite forces to build a better world.



**BUILDING
BRIDGES**



STRADA

WARMTH & EFFICIENCY WITH CUTTING EDGE DESIGN

- Sleek and contemporary design
- Cool to touch
- Compact sizes even at low water temperatures (see DBE)



*AWAKE
THE ARTIST*



design award
winner



Award winning Low-H₂O technology



Outstanding performance with low temperature systems



Super-fast response times to changes in ambient temperature



No radiant heat loss to the wall



Lightweight and easy to install



Valve options can be concealed in casing



Split deliveries

PRESENTING AWARD-WINNING STRADA

inspired by
ART DECO

LOW-H₂O: LIGHTER, FASTER AND EFFICIENT

THE LOW WATER CONTENT RADIATOR

Jaga's Low-H₂O radiators contain 90% less water than that of a steel panel radiator, meaning they are faster to heat up and cool down. This means Low-H₂O radiators react faster to the occupants' needs as well as changes to ambient temperature. This ensures better comfort with less energy consumption, no wasteful over-heating and reduced demand on the heating system itself. They also have no heavy steel panels that require pre-heating, are far lighter to install and remain much lighter when fully filled during usage. The ultra-modern aluminium and copper heat exchanger, which comes with a 30 year guarantee provides rapid energy efficient heat to any space.

RESPECT
NATURE



Research by KIWA show that Low-H₂O radiators consume between 9 and 16%* less energy than a system with steel panel radiators. They achieve the desired temperature faster with less heat wasted through unnecessary over-heating, common in heavier radiators.



Comparison Low-H₂O/panel radiators

	Water temp. > 50°C Saving	Water temp. ≤ 50°C Saving
Renovation	13%	16%
New-builds	9%	10%

There is
a clear connection
between the weight of the
radiator, its reaction time and
the energy savings it offers.



Fastest
response time
for maximum comfort



Scientific and Technical Centre
for the Construction Company
Brussels, 1981



Technical University
Eindhoven, 2001



Kiwa Certification
Apeldoorn, 2014

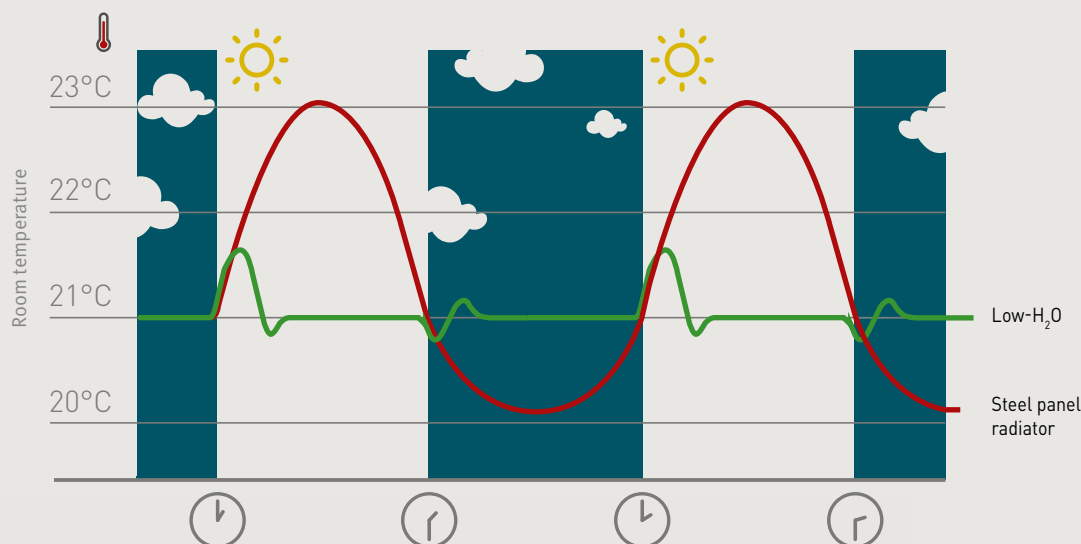


Thermic Regulation
France, 2012



Building Research
Establishment- UK
Watford, 2003

COMPARISON OF RESPONSE TIME TO TEMPERATURE CHANGES



PROVEN TO BE THE WORLD'S MOST ECONOMICAL RADIATOR

Jaga's Low-H₂O technology has been thoroughly tested over the years by a variety of independent bodies, receiving the title of Most Economical Radiator following tests carried out by the Dutch testing body KIWA. Jaga's Low-H₂O radiator achieves consistently high efficiency performance standards every time.

Low-H₂O radiators are more efficient at all water temperatures, making them the perfect partner for renewable systems and boilers alike. In all conditions

Low-H₂O radiators achieve the maximum scores set by ISSO. Without a maximum score*, the Low-H₂O exchanger would achieve even higher. KIWA found Low-H₂O to be at least 5% more economical than underfloor heating.

**The minimum required score is 1.00 (100%) for Low-H₂O as per the quality declaration, and average score of 0.05 (95%) for underfloor heating, according to NEN7120, Table 14.1, delivery efficiency up to 8m.*



DYNAMIC BOOST EFFECT (DBE) TECHNOLOGY

RADIATORS THAT ACTUALLY WORK
WITH HEAT PUMPS



UP TO
3 TIMES THE
HEATING OUTPUT
AT LOWER WATER
TEMPERATURES

Heat pumps and solar thermal energy generally require much larger radiators as they operate with very low water temperatures that often don't exceed 35°C. Low-H₂O radiators do not need to increase in size when working with lower water temperatures.

With DBE technology the same heat output can be achieved from a similar size radiator compared to a radiator working with a gas or oil fired heating system, allowing the installation of renewable heating systems without compromising on comfort and aesthetics.

Jaga's innovative DBE technology is a self-regulating system which responds automatically to changes in room temperature. When in **comfort mode** the DBE system operates by measuring radiator water temperature and room air temperature to boost outputs as needed. DBE can also be manually triggered to further increase outputs for approximately 15 minutes in boost mode.

Low-H₂O radiators still deliver effective heating even with DBE in standby mode. DBE however is not a standalone fan or air conditioner and needs to be partnered with the Low-H₂O heat exchanger to be effective.

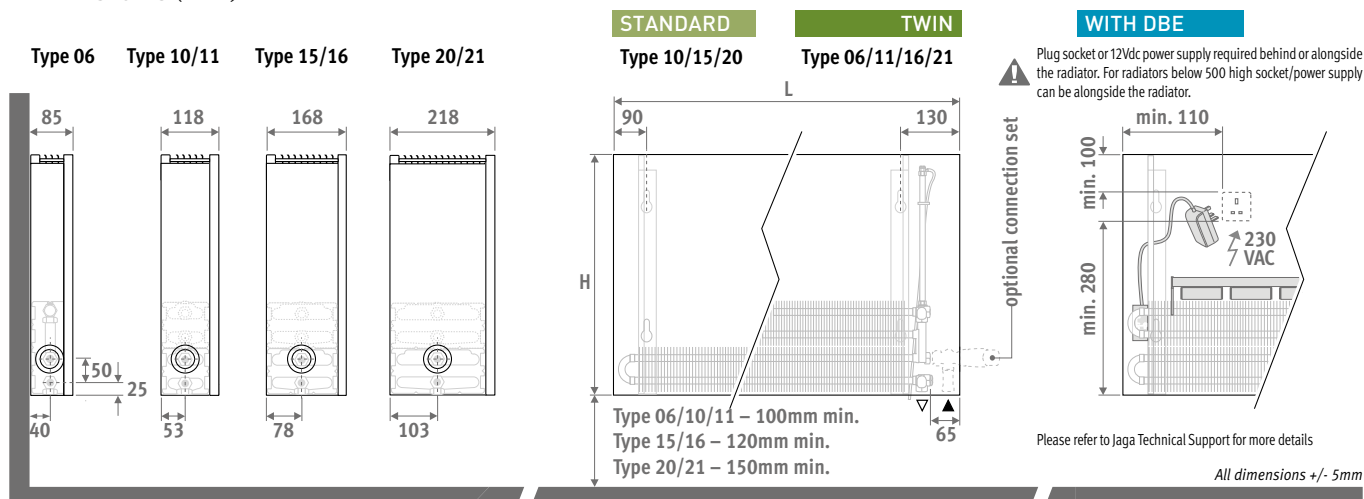


*DREAM
A FUTURE*

STRADA



DIMENSIONS (in mm)



DELIVERY

All Stradas are made to order.
Split deliveries option available.
Please contact our customer service team to discuss your requirements.



COLOURS

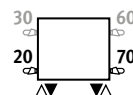
Environmentally friendly, scratch-resistant, high UV resistant powder coating.
Standard colours:
- traffic white RAL 9016 (133), soft touch lightly structured satin lacquer
- sandblast grey (001), fine texture metallic lacquer
Other colours: see colour chart.

CONNECTION

Standard connection:
Bottom end left or right, to the wall or to the floor. Connection to the wall via the bottom of the casing, or totally concealed within the casing, depending on the valve or connection set chosen.

Optional high level valve:
add to the code of the radiator /30 (left) or /60 (right)
Ex. STRW.035 050 06.xxx/60
High level valve details : see "Connection sets & Valves".

Optional remote controlled valve:
add to the code of the radiator /00.
Ex. STRW.035 050 06.xxx/00



ORDERING CODE

code	height	length	type	colour
STRW .	020	050	10 .	XXX
enter colour code ↓				

ORDERING CODE WITH DBE

code	height	length	type	colour	Option
STRW .	020	060	06 .	XXX	DBE
enter colour code ↓					

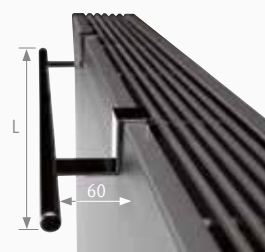
Products with DBE have outputs shown based on 'comfort' mode (see page 9).

For other outputs, please see www.jaga.co.uk



TOWEL RAIL

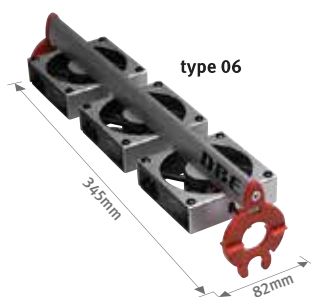
in chrome-plated aluminium



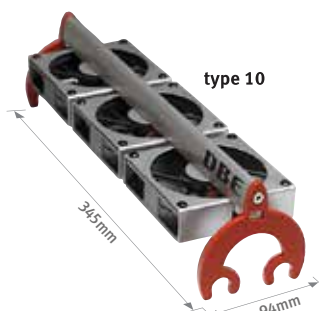
CODE	L	£
5501.001	560	188.40
5501.002	660	188.40

OPTIONAL: DBE

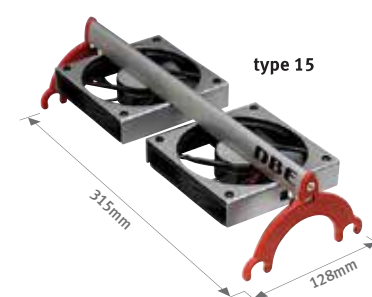
DBE UNIT DBEU.06



DBE UNIT DBEU.10



DBE UNIT DBEU.15



See page 9 for more information on DBE technology

HEIGHT 200 ■ OUTPUT TABLES ■ TECHNICAL INFO

STRW.020 LLL TT.XXX

STRW.020 LLL TT.XXX/DBE

STANDARD				TWIN			WITH DBE				STANDARD					TWIN		
L	Type	Watts	Watts	Type	Watts	Watts	Type	Watts	Watts	Watts	Type	Weight	Water	Fan	Noise	Type	Weight	Water
mm		75/65	55/45		75/65	55/45		75/65	55/45	45/38			Content	(Number)	Level dB(A)			Content
500	N/A	N/A	N/A	06	269	131	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	4	0.26
	10	328	159	N/A	N/A	N/A	N/A	N/A	N/A	N/A	10	4.4	0.31	N/A	N/A	N/A	N/A	N/A
	15	545	265	N/A	N/A	N/A	N/A	N/A	N/A	N/A	15	5.5	0.47	N/A	N/A	N/A	N/A	N/A
	20	766	373	N/A	N/A	N/A	N/A	N/A	N/A	N/A	20	6.6	0.63	N/A	N/A	N/A	N/A	N/A
600	N/A	N/A	N/A	06	323	157	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	4.6	0.31
	10	393	191	N/A	N/A	N/A	10	543	326	233	10	5	0.38	1 DBEU.10	29.0	N/A	N/A	N/A
	15	654	319	N/A	N/A	N/A	15	904	542	389	15	6.2	0.56	1 DBEU.15	27.0	N/A	N/A	N/A
	20	919	448	N/A	N/A	N/A	20	1169	701	503	20	7.5	0.75	1 DBEU.15	27.0	N/A	N/A	N/A
700	N/A	N/A	N/A	06	377	183	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	5.1	0.36
	10	459	223	N/A	N/A	N/A	10	609	365	262	10	5.6	0.44	1 DBEU.10	29.0	N/A	N/A	N/A
	15	763	372	N/A	N/A	N/A	15	1013	608	436	15	7	0.66	1 DBEU.15	27.0	N/A	N/A	N/A
	20	1072	522	N/A	N/A	N/A	20	1322	793	568	20	8.5	0.88	1 DBEU.15	27.0	N/A	N/A	N/A
800	N/A	N/A	N/A	06	430	209	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	5.1	0.41
	10	524	255	N/A	N/A	N/A	10	674	404	290	10	5.6	0.5	1 DBEU.10	29.0	N/A	N/A	N/A
	15	872	425	N/A	N/A	N/A	15	1122	673	482	15	7	0.76	1 DBEU.15	27.0	N/A	N/A	N/A
	20	1226	597	N/A	N/A	N/A	20	1476	886	635	20	8.5	1.01	1 DBEU.15	27.0	N/A	N/A	N/A
900	N/A	N/A	N/A	06	484	236	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	5.6	0.46
	10	590	287	N/A	N/A	N/A	10	890	534	383	10	6.2	0.57	2 DBEU.10	32.0	N/A	N/A	N/A
	15	981	478	N/A	N/A	N/A	15	1481	889	637	15	7.9	0.86	2 DBEU.15	30.0	N/A	N/A	N/A
	20	1379	672	N/A	N/A	N/A	20	1879	1127	808	20	9.5	1.14	2 DBEU.15	30.0	N/A	N/A	N/A
1000	N/A	N/A	N/A	06	538	262	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	6.1	0.51
	10	655	318	N/A	N/A	N/A	10	955	573	411	10	6.8	0.63	2 DBEU.10	32.0	N/A	N/A	N/A
	15	1090	531	N/A	N/A	N/A	15	1590	954	684	15	8.6	0.95	2 DBEU.15	30.0	N/A	N/A	N/A
	20	1532	746	N/A	N/A	N/A	20	2032	1219	874	20	10.4	1.27	2 DBEU.15	30.0	N/A	N/A	N/A
1100	N/A	N/A	N/A	06	592	288	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	7.2	0.56
	10	721	350	N/A	N/A	N/A	10	1021	613	439	10	8.1	0.69	2 DBEU.10	32.0	N/A	N/A	N/A
	15	1199	584	N/A	N/A	N/A	15	1699	1019	731	15	10.2	1.05	2 DBEU.15	30.0	N/A	N/A	N/A
	20	1685	821	N/A	N/A	N/A	20	2185	1311	940	20	12.3	1.39	2 DBEU.15	30.0	N/A	N/A	N/A
1200	N/A	N/A	N/A	06	646	314	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	7.8	0.61
	10	786	382	N/A	N/A	N/A	10	1086	652	467	10	8.7	0.76	2 DBEU.10	32.0	N/A	N/A	N/A
	15	1308	637	N/A	N/A	N/A	15	1808	1085	777	15	11.1	1.14	2 DBEU.15	30.0	N/A	N/A	N/A
	20	1838	895	N/A	N/A	N/A	20	2338	1403	1005	20	13.4	1.52	2 DBEU.15	30.0	N/A	N/A	N/A
1400	N/A	N/A	N/A	06	753	366	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	8.9	0.71
	10	917	446	N/A	N/A	N/A	10	1217	730	523	10	10.1	0.89	2 DBEU.10	32.0	N/A	N/A	N/A
	15	1526	743	N/A	N/A	N/A	15	2026	1216	871	15	12.8	1.34	2 DBEU.15	30.0	N/A	N/A	N/A
	20	2145	1045	N/A	N/A	N/A	20	2645	1587	1137	20	15.5	1.78	2 DBEU.15	30.0	N/A	N/A	N/A
1600	N/A	N/A	N/A	06	861	419	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	10	0.82
	10	1048	509	N/A	N/A	N/A	10	1648	989	709	10	11.3	1.02	4 DBEU.10	35.0	N/A	N/A	N/A
	15	1744	850	N/A	N/A	N/A	15	2744	1646	1180	15	14.4	1.53	4 DBEU.15	33.0	N/A	N/A	N/A
	20	2451	1194	N/A	N/A	N/A	20	3451	2071	1484	20	17.5	2.04	4 DBEU.15	33.0	N/A	N/A	N/A
1800	N/A	N/A	N/A	06	968	471	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	11.1	0.92
	10	1179	573	N/A	N/A	N/A	10	1779	1067	765	10	12.6	1.14	4 DBEU.10	35.0	N/A	N/A	N/A
	15	1962	956	N/A	N/A	N/A	15	2962	1777	1274	15	15.9	1.73	4 DBEU.15	33.0	N/A	N/A	N/A
	20	2758	1343	N/A	N/A	N/A	20	3758	2255	1616	20	19.4	2.3	4 DBEU.15	33.0	N/A	N/A	N/A
2000	N/A	N/A	N/A	06	1076	524	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	12.2	1.02
	10	1310	637	N/A	N/A	N/A	10	1910	1146	821	10	13.8	1.27	4 DBEU.10	35.0	N/A	N/A	N/A
	15	2180	1062	N/A	N/A	N/A	15	3180	1908	1367	15	17.5	1.92	4 DBEU.15	33.0	N/A	N/A	N/A
	20	3064	1493	N/A	N/A	N/A	20	4064	2438	1748	20	21.3	2.56	4 DBEU.15	33.0	N/A	N/A	N/A
2400	N/A	N/A	N/A	06	1291	628	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	14.5	1.22
	10	1572	764	N/A	N/A	N/A	10	2472	1483	1063	10	16.6	1.53	6 DBEU.10	36.8	N/A	N/A	N/A
	15	2616	1274	N/A	N/A	N/A	15	4116	2470	1770	15	20.9	2.3	6 DBEU.15	34.8	N/A	N/A	N/A
	20	3677	1791	N/A	N/A	N/A	20	5177	3106	2226	20	25.4	3.07	6 DBEU.15	34.8	N/A	N/A	N/A
2800	N/A	N/A	N/A	06	1506	733	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	16.6	1.43
	10	1834	891	N/A	N/A	N/A	10	2734	1640	1176	10	19	1.79	6 DBEU.10	36.8	N/A	N/A	N/A
	15	3052	1487	N/A	N/A	N/A	15	4552	2731	1957	15	24.1	2.69	6 DBEU.15	34.8	N/A	N/A	N/A
	20	4290	2090	N/A	N/A	N/A	20	5790	3474	2490	20	29.3	3.58	6 DBEU.15	34.8	N/A	N/A	N/A

EN442 output at 20°C room temperature

HEIGHT 350 - OUTPUT TABLES - TECHNICAL INFO

STRW.035 LLL TT.XXX							STRW.035 LLL TT.XXX/DBE											
	STANDARD			TWIN			WITH DBE				STANDARD			TWIN & TWIN WITH DBE				
L	Type	Watts	Watts	Type	Watts	Watts	Type	Watts	Watts	Watts	Type	Weight	Water	Type	Weight	Water	Fan	Noise
mm		75/65	55/45		75/65	55/45		75/65	55/45	45/38			Content			Content	(Number)	Level dB(A)
500	N/A	N/A	N/A	06	395	194	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6	5.4	0.32	N/A	N/A
	10	449	220	11	598	287	N/A	N/A	N/A	N/A	10	5.9	0.31	11	6.6	0.61	N/A	N/A
	15	735	361	16	797	378	N/A	N/A	N/A	N/A	15	7.2	0.47	16	8.3	0.88	N/A	N/A
	20	1030	506	21	1057	498	N/A	N/A	N/A	N/A	20	8.5	0.63	21	9.7	1.17	N/A	N/A
600	N/A	N/A	N/A	06	474	233	06	609	365	262	N/A	N/A	N/A	06	6.2	0.38	1 DBEU.06	27.0
	10	539	264	11	718	344	11	1018	611	438	10	6.7	0.38	11	7.5	0.73	1 DBEU.10	29.0
	15	882	434	16	956	454	16	1436	862	617	15	8.1	0.56	16	9.4	1.07	1 DBEU.15	27.0
	20	1236	608	21	1268	598	21	1748	1049	752	20	9.6	0.75	21	11.1	1.43	1 DBEU.15	27.0
700	N/A	N/A	N/A	06	553	271	06	688	413	296	N/A	N/A	N/A	06	6.9	0.44	1 DBEU.06	27.0
	10	629	308	11	837	401	11	1137	682	489	10	7.4	0.44	11	8.4	0.86	1 DBEU.10	29.0
	15	1029	506	16	1115	529	16	1595	957	686	15	9.1	0.66	16	10.5	1.26	1 DBEU.15	27.0
	20	1442	709	21	1480	698	21	1960	1176	843	20	10.7	0.88	21	12.4	1.68	1 DBEU.15	27.0
800	N/A	N/A	N/A	06	632	310	06	767	460	330	N/A	N/A	N/A	06	7.6	0.5	1 DBEU.06	27.0
	10	718	351	11	957	459	11	1257	754	541	10	8.2	0.5	11	9.3	0.99	1 DBEU.10	29.0
	15	1176	578	16	1274	605	16	1754	1052	754	15	10	0.76	16	11.7	1.46	1 DBEU.15	27.0
	20	1648	810	21	1691	797	21	2171	1303	934	20	11.8	1.01	21	13.9	1.96	1 DBEU.15	27.0
900	N/A	N/A	N/A	06	711	349	06	981	589	422	N/A	N/A	N/A	06	8.3	0.57	2 DBEU.06	30.0
	10	808	395	11	1076	516	11	1676	1006	721	10	9	0.57	11	10.3	1.12	2 DBEU.10	32.0
	15	1323	650	16	1434	681	16	2394	1436	1029	15	10.9	0.86	16	13.2	1.65	2 DBEU.15	30.0
	20	1854	911	21	1903	897	21	2863	1718	1231	20	13	1.14	21	15.6	2.21	2 DBEU.15	30.0
1000	N/A	N/A	N/A	06	790	388	06	1060	636	456	10	9.8	0.63	06	9	0.63	2 DBEU.06	30.0
	10	898	439	11	1196	573	11	1796	1078	772	15	11.9	0.95	11	11.2	1.25	2 DBEU.10	32.0
	15	1470	723	16	1593	756	16	2553	1532	1098	20	14	1.27	16	14.2	1.85	2 DBEU.15	30.0
	20	2060	1013	21	2114	997	21	3074	1844	1322	21	16.7	2.46	21	16.7	2.46	2 DBEU.15	30.0
1100	N/A	N/A	N/A	06	869	427	06	1139	683	490	N/A	N/A	N/A	06	9.7	0.69	2 DBEU.06	30.0
	10	988	483	11	1316	631	11	1916	1150	824	10	10.5	0.69	11	12.2	1.38	2 DBEU.10	32.0
	15	1617	795	16	1752	832	16	2712	1627	1166	15	12.8	1.05	16	15.2	2.04	2 DBEU.15	30.0
	20	2266	1114	21	2325	1096	21	3285	1971	1413	20	15.2	1.39	21	18.1	2.72	2 DBEU.15	30.0
1200	N/A	N/A	N/A	06	948	465	06	1218	731	524	10	11.4	0.76	06	10.5	0.75	2 DBEU.06	30.0
	10	1078	528	11	1435	688	11	2035	1221	875	11	13.2	1.5	11	13.2	1.5	2 DBEU.10	32.0
	15	1764	867	16	1912	908	16	2872	1723	1235	15	13.9	1.14	16	16.5	2.22	2 DBEU.15	30.0
	20	2472	1215	21	2537	1196	21	3497	2098	1504	20	16.4	1.52	21	19.6	2.97	2 DBEU.15	30.0
1400	N/A	N/A	N/A	06	1106	543	06	1376	826	592	N/A	N/A	N/A	06	12.3	0.88	2 DBEU.06	30.0
	10	1257	615	11	1674	802	11	2274	1364	978	10	13.3	0.89	11	15.4	1.76	2 DBEU.10	32.0
	15	2058	1012	16	2230	1059	16	3190	1914	1372	15	16.1	1.34	16	19.8	2.62	2 DBEU.15	30.0
	20	2884	1418	21	2960	1396	21	3920	2352	1686	20	19.1	1.78	21	23.9	3.49	2 DBEU.15	30.0
1600	N/A	N/A	N/A	06	1264	620	06	1804	1082	776	10	14.8	1.02	06	13.8	1.01	4 DBEU.06	33.0
	10	1437	703	11	1914	917	11	3114	1868	1339	11	17.2	2.02	11	17.2	2.02	4 DBEU.10	35.0
	15	2352	1156	16	2549	1210	16	4469	2681	1922	15	18	1.53	16	21.6	3	4 DBEU.15	33.0
	20	3296	1620	21	3382	1594	21	5302	3181	2280	20	21.3	2.04	21	25.7	4.01	4 DBEU.15	33.0
1800	N/A	N/A	N/A	06	1422	698	06	1962	1177	844	10	16.4	1.14	06	15.2	1.14	4 DBEU.06	33.0
	10	1616	791	11	2153	1032	11	3353	2012	1442	11	19	2.27	11	19	2.27	4 DBEU.10	35.0
	15	2646	1301	16	2867	1361	16	4787	2872	2058	15	20	1.73	16	23.6	3.38	4 DBEU.15	33.0
	20	3708	1823	21	3805	1794	21	5725	3435	2462	20	23.6	2.3	21	28.6	4.51	4 DBEU.15	33.0
2000	N/A	N/A	N/A	06	1580	776	06	2120	1272	912	N/A	N/A	N/A	06	16.7	1.27	4 DBEU.06	33.0
	10	1796	879	11	2392	1146	11	3592	2155	1545	10	17.9	1.27	11	20.9	2.54	4 DBEU.10	35.0
	15	2940	1445	16	3186	1513	16	5106	3064	2196	15	21.8	1.92	16	25.5	3.78	4 DBEU.15	33.0
	20	4120	2025	21	4228	1993	21	6148	3689	2644	20	25.8	2.56	21	31.4	5.03	4 DBEU.15	33.0
2400	N/A	N/A	N/A	06	1896	931	06	2706	1624	1164	N/A	N/A	N/A	06	20	1.52	6 DBEU.06	34.8
	10	2155	1055	11	2870	1375	11	4670	2802	2008	10	21.3	1.53	11	24.8	3.04	6 DBEU.10	36.8
	15	3528	1734	16	3823	1815	16	6703	4022	2882	15	26.1	2.3	16	30.2	4.53	6 DBEU.15	34.8
	20	4944	2431	21	5074	2392	21	7954	4772	3420	20	30.9	3.07	21	37.4	6.05	6 DBEU.15	34.8
2800	N/A	N/A	N/A	06	2212	1086	06	3022	1813	1299	N/A	N/A	N/A	06	22.9	1.78	6 DBEU.06	34.8
	10	2514	1230	11	3349	1605	11	5149	3089	2214	10	24.4	1.79	11	28.5	3.56	6 DBEU.10	36.8
	15	4116	2024	16	4460	2118	16	7340	4404	3156	15	29.9	2.69	16	34.7	5.31	6 DBEU.15	34.8
	20	5768	2836	21	5919	2791	21	8799	5279	3784	20	35.3	3.58	21	43	7.09	6 DBEU.15	34.8

EN442 output at 20°C room temperature

HEIGHT 500 ■ OUTPUT TABLES ■ TECHNICAL INFO

STRW.050 LLL TT.XXX

STRW.050 LLL TT.XXX/DBE

L mm	STANDARD			TWIN			WITH DBE				STANDARD			TWIN & TWIN WITH DBE				
	Type	Watts	Watts	Type	Watts	Watts	Type	Watts	Watts	Watts	Type	Weight	Water	Type	Weight	Water	Fan	Noise
		75/65	55/45		75/65	55/45		75/65	55/45	45/38			Content			Content	(Number)	Level dB(A)
500	N/A	N/A	N/A	06	474	235	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	6.8	0.32	N/A	N/A
	10	538	265	11	693	332	N/A	N/A	N/A	N/A	10	7.4	0.31	11	8.1	0.61	N/A	N/A
	15	867	430	16	949	449	N/A	N/A	N/A	N/A	15	8.9	0.47	16	10	0.88	N/A	N/A
	20	1213	602	21	1291	605	N/A	N/A	N/A	N/A	20	10.4	0.63	21	11.7	1.17	N/A	N/A
600	N/A	N/A	N/A	06	568	282	06	703	422	302	N/A	N/A	N/A	6	7.7	0.38	1 DBEU.06	27.0
	10	646	318	11	832	399	11	1132	679	487	10	8.3	0.38	11	9.2	0.73	1 DBEU.10	29.0
	15	1040	516	16	1139	539	16	1619	971	696	15	9.9	0.56	16	11.2	1.07	1 DBEU.15	27.0
	20	1455	722	21	1549	725	21	2029	1217	872	20	11.6	0.75	21	13.2	1.43	1 DBEU.15	27.0
700	N/A	N/A	N/A	06	663	329	06	798	479	343	N/A	N/A	N/A	06	8.5	0.44	1 DBEU.06	27.0
	10	753	371	11	970	465	11	1270	762	546	10	9.2	0.44	11	10.2	0.86	1 DBEU.10	29.0
	15	1214	602	16	1329	629	16	1809	1085	778	15	11.1	0.66	16	12.5	1.26	1 DBEU.15	27.0
	20	1698	842	21	1807	846	21	2287	1372	983	20	12.9	0.88	21	14.7	1.68	1 DBEU.15	27.0
800	N/A	N/A	N/A	06	758	376	06	893	536	384	N/A	N/A	N/A	06	9.4	0.5	1 DBEU.06	27.0
	10	861	424	11	1109	532	11	1409	845	606	10	10.2	0.5	11	11.3	0.99	1 DBEU.10	29.0
	15	1387	688	16	1518	719	16	1998	1199	859	15	12.2	0.76	16	13.9	1.46	1 DBEU.15	27.0
	20	1940	962	21	2066	968	21	2546	1528	1095	20	14.2	1.01	21	16.4	1.96	1 DBEU.15	27.0
900	N/A	N/A	N/A	06	852	423	06	1122	673	482	N/A	N/A	N/A	06	10.3	0.57	2 DBEU.06	30.0
	10	968	477	11	1247	598	11	1847	1108	794	10	11.1	0.57	11	12.4	1.12	2 DBEU.10	32.0
	15	1561	774	16	1708	809	16	2668	1601	1147	15	13.2	0.86	16	15.5	1.65	2 DBEU.15	30.0
	20	2183	1083	21	2324	1088	21	3284	1970	1412	20	15.5	1.14	21	18.2	2.21	2 DBEU.15	30.0
1000	N/A	N/A	N/A	06	947	470	06	1217	730	523	N/A	N/A	N/A	06	11.1	0.63	2 DBEU.06	30.0
	10	1076	530	11	1386	665	11	1986	1192	854	10	12	0.63	11	13.5	1.25	2 DBEU.10	32.0
	15	1734	860	16	1898	898	16	2858	1715	1229	15	14.4	0.95	16	16.7	1.85	2 DBEU.15	30.0
	20	2425	1203	21	2582	1209	21	3542	2125	1523	20	16.7	1.27	21	19.5	2.46	2 DBEU.15	30.0
1100	N/A	N/A	N/A	06	1042	517	06	1312	787	564	N/A	N/A	N/A	06	12	0.69	2 DBEU.06	30.0
	10	1184	584	11	1525	732	11	2125	1275	914	10	12.9	0.69	11	14.6	1.38	2 DBEU.10	32.0
	15	1907	946	16	2088	988	16	3048	1829	1311	15	15.4	1.05	16	17.8	2.04	2 DBEU.15	30.0
	20	2668	1323	21	2840	1330	21	3800	2280	1634	20	18	1.39	21	21	2.72	2 DBEU.15	30.0
1200	N/A	N/A	N/A	06	1136	564	06	1406	844	605	N/A	N/A	N/A	06	13	0.75	2 DBEU.06	30.0
	10	1291	636	11	1663	798	11	2263	1358	973	10	13.9	0.76	11	15.8	1.5	2 DBEU.10	32.0
	15	2081	1032	16	2278	1078	16	3238	1943	1392	15	16.7	1.14	16	19.3	2.22	2 DBEU.15	30.0
	20	2910	1443	21	3098	1451	21	4058	2435	1745	20	19.3	1.52	21	22.6	2.97	2 DBEU.15	30.0
1400	N/A	N/A	N/A	06	1326	658	06	1596	958	686	N/A	N/A	N/A	06	15.2	0.88	2 DBEU.06	30.0
	10	1506	742	11	1940	931	11	2540	1524	1092	10	16.3	0.89	11	18.5	1.76	2 DBEU.10	32.0
	15	2428	1204	16	2657	1258	16	3617	2170	1555	15	19.5	1.34	16	23.1	2.62	2 DBEU.15	30.0
	20	3395	1684	21	3615	1693	21	4575	2745	1967	20	22.7	1.78	21	27.6	3.49	2 DBEU.15	30.0
1600	N/A	N/A	N/A	06	1515	752	06	2055	1233	884	N/A	N/A	N/A	06	16.9	1.01	4 DBEU.06	33.0
	10	1722	849	11	2218	1064	11	3418	2051	1470	10	18.2	1.02	11	20.6	2.02	4 DBEU.10	35.0
	15	2774	1376	16	3037	1438	16	4957	2974	2132	15	21.7	1.53	16	25.2	3	4 DBEU.15	33.0
	20	3880	1924	21	4131	1935	21	6051	3631	2602	20	25.2	2.04	21	29.7	4.01	4 DBEU.15	33.0
1800	N/A	N/A	N/A	06	1705	846	06	2245	1347	965	N/A	N/A	N/A	6	18.7	1.14	4 DBEU.06	33.0
	10	1937	955	11	2495	1197	11	3695	2217	1589	10	20	1.14	11	22.7	2.27	4 DBEU.10	35.0
	15	3121	1548	16	3416	1617	16	5336	3202	2294	15	23.9	1.73	16	27.5	3.38	4 DBEU.15	33.0
	20	4365	2165	21	4648	2177	21	6568	3941	2824	20	27.8	2.3	21	32.9	4.51	4 DBEU.15	33.0
2000	N/A	N/A	N/A	06	1894	940	06	2434	1460	1047	N/A	N/A	N/A	06	20.5	1.27	4 DBEU.06	33.0
	10	2152	1061	11	2772	1330	11	3972	2383	1708	10	21.9	1.27	11	24.9	2.54	4 DBEU.10	35.0
	15	3468	1720	16	3796	1797	16	5716	3430	2458	15	26.1	1.92	16	29.8	3.78	4 DBEU.15	33.0
	20	4850	2405	21	5164	2418	21	7084	4250	3046	20	30.3	2.56	21	36	5.03	4 DBEU.15	33.0
2400	N/A	N/A	N/A	06	2273	1128	06	3083	1850	1326	N/A	N/A	N/A	6	24.5	1.52	6 DBEU.06	34.8
	10	2582	1273	11	3326	1596	11	5126	3076	2204	10	26.2	1.53	11	29.7	3.04	6 DBEU.10	36.8
	15	4162	2064	16	4555	2156	16	7435	4461	3197	15	31.2	2.3	16	35.3	4.53	6 DBEU.15	34.8
	20	5820	2886	21	6197	2902	21	9077	5446	3903	20	36.4	3.07	21	42.9	6.05	6 DBEU.15	34.8
2800	N/A	N/A	N/A	06	2652	1316	06	3462	2077	1489	N/A	N/A	N/A	06	28.1	1.78	6 DBEU.06	34.8
	10	3013	1485	11	3881	1862	11	5681	3409	2443	10	29.9	1.79	11	34	3.56	6 DBEU.10	36.8
	15	4855	2408	16	5314	2516	16	8194	4916	3523	15	35.7	2.69	16	40.5	5.31	6 DBEU.15	34.8
	20	6790	3367	21	7230	3386	21	10110	6066	4347	20	41.5	3.58	21	49.2	7.09	6 DBEU.15	34.8

EN442 output at 20°C room temperature

HEIGHT 650 - OUTPUT TABLES - TECHNICAL INFO

STRW.065 LLL TT.XXX							STRW.065 LLL TT.XXX/DBE											
	STANDARD			TWIN			WITH DBE				STANDARD			TWIN & TWIN WITH DBE				
L	Type	Watts	Watts	Type	Watts	Watts	Type	Watts	Watts	Watts	Type	Weight	Water	Type	Weight	Water	Fan	Noise
mm		75/65	55/45		75/65	55/45		75/65	55/45	45/38			Content			Content	(Number)	Level dB(A)
500	--	N/A	N/A	06	533	267	N/A	N/A	N/A	N/A	N/A	N/A	N/A	06	8.2	0.32	N/A	N/A
	10	606	301	11	772	371	N/A	N/A	N/A	N/A	10	8.9	0.31	11	9.6	0.61	N/A	N/A
	15	961	481	16	1087	513	N/A	N/A	N/A	N/A	15	10.6	0.47	16	11.7	0.88	N/A	N/A
	20	1343	672	21	1515	705	N/A	N/A	N/A	N/A	20	12.3	0.63	21	13.6	1.17	N/A	N/A
600	N/A	N/A	N/A	06	640	321	06	775	465	333	N/A	N/A	N/A	06	9.1	0.38	1 DBEU.06	27.0
	10	727	361	11	926	444	11	1226	736	527	10	10	0.38	11	10.9	0.73	1 DBEU.10	29.0
	15	1153	577	16	1304	615	16	1784	1070	767	15	11.8	0.56	16	13.1	1.07	1 DBEU.15	27.0
	20	1611	806	21	1818	846	21	2298	1379	988	20	13.7	0.75	21	15.2	1.43	1 DBEU.15	27.0
700	N/A	N/A	N/A	06	746	374	06	881	529	379	N/A	N/A	N/A	06	10.2	0.44	1 DBEU.06	27.0
	10	848	421	11	1080	518	11	1380	828	593	10	11.1	0.44	11	12.1	0.86	1 DBEU.10	29.0
	15	1345	673	16	1521	718	16	2001	1201	860	15	13.1	0.66	16	14.5	1.26	1 DBEU.15	27.0
	20	1880	941	21	2121	987	21	2601	1561	1118	20	15.1	0.88	21	16.9	1.68	1 DBEU.15	27.0
800	N/A	N/A	N/A	06	853	428	06	988	593	425	N/A	N/A	N/A	06	11.2	0.5	1 DBEU.06	27.0
	10	969	481	11	1234	592	11	1534	920	660	10	12.2	0.5	11	13.3	0.99	1 DBEU.10	29.0
	15	1538	770	16	1738	820	16	2218	1331	954	15	14.4	0.76	16	16.1	1.46	1 DBEU.15	27.0
	20	2148	1075	21	2424	1128	21	2904	1742	1249	20	16.6	1.01	21	18.7	1.96	1 DBEU.15	27.0
900	N/A	N/A	N/A	06	959	481	06	1229	737	528	N/A	N/A	N/A	06	12.2	0.57	2 DBEU.06	30.0
	10	1090	541	11	1389	667	11	1989	1193	855	10	13.2	0.57	11	14.5	1.12	2 DBEU.10	32.0
	15	1730	866	16	1956	923	16	2916	1750	1254	15	15.6	0.86	16	17.9	1.65	2 DBEU.15	30.0
	20	2417	1210	21	2727	1269	21	3687	2212	1585	20	18	1.14	21	20.7	2.21	2 DBEU.15	30.0
1000	N/A	N/A	N/A	06	1066	535	06	1336	802	574	N/A	N/A	N/A	06	13.3	0.63	2 DBEU.06	30.0
	10	1211	601	11	1543	741	11	2143	1286	921	10	14.3	0.63	11	15.8	1.25	2 DBEU.10	32.0
	15	1922	962	16	2173	1026	16	3133	1880	1347	15	16.9	0.95	16	19.2	1.85	2 DBEU.15	30.0
	20	2685	1344	21	3030	1410	21	3990	2394	1716	20	19.4	1.27	21	22.1	2.46	2 DBEU.15	30.0
1100	N/A	N/A	N/A	06	1173	589	06	1443	866	620	N/A	N/A	N/A	06	14.2	0.69	2 DBEU.06	30.0
	10	1332	661	11	1697	814	11	2297	1378	988	10	15.4	0.69	11	17.1	1.38	2 DBEU.10	32.0
	15	2114	1058	16	2390	1128	16	3350	2010	1441	15	18.1	1.05	16	20.5	2.04	2 DBEU.15	30.0
	20	2954	1478	21	3333	1551	21	4293	2576	1846	20	20.8	1.39	21	23.8	2.72	2 DBEU.15	30.0
1200	N/A	N/A	N/A	06	1279	642	06	1549	929	666	N/A	N/A	N/A	06	15.4	0.75	2 DBEU.06	30.0
	10	1453	721	11	1852	889	11	2452	1471	1054	10	16.5	0.76	11	18.4	1.5	2 DBEU.10	32.0
	15	2306	1154	16	2608	1231	16	3568	2141	1534	15	19.5	1.14	16	22.1	2.22	2 DBEU.15	30.0
	20	3222	1613	21	3636	1692	21	4596	2758	1976	20	22.3	1.52	21	25.6	2.97	2 DBEU.15	30.0
1400	N/A	N/A	N/A	06	1492	749	06	1762	1057	758	N/A	N/A	N/A	06	18	0.88	2 DBEU.06	30.0
	10	1695	841	11	2160	1037	11	2760	1656	1187	10	19.4	0.89	11	21.6	1.76	2 DBEU.10	32.0
	15	2691	1347	16	3042	1436	16	4002	2401	1721	15	22.8	1.34	16	26.5	2.62	2 DBEU.15	30.0
	20	3759	1881	21	4242	1975	21	5202	3121	2237	20	26.4	1.78	21	31.2	3.49	2 DBEU.15	30.0
1600	N/A	N/A	N/A	06	1706	856	06	2246	1348	966	N/A	N/A	N/A	06	20.1	1.01	4 DBEU.06	33.0
	10	1938	962	11	2469	1185	11	3669	2201	1578	10	21.5	1.02	11	24	2.02	4 DBEU.10	35.0
	15	3075	1539	16	3477	1641	16	5397	3238	2321	15	25.3	1.53	16	28.9	3	4 DBEU.15	33.0
	20	4296	2150	21	4848	2257	21	6768	4061	2910	20	29.2	2.04	21	33.6	4.01	4 DBEU.15	33.0
1800	N/A	N/A	N/A	06	1919	963	06	2459	1475	1057	N/A	N/A	N/A	06	22.2	1.14	4 DBEU.06	33.0
	10	2180	1082	11	2777	1333	11	3977	2386	1710	10	23.8	1.14	11	26.5	2.27	4 DBEU.10	35.0
	15	3460	1732	16	3911	1846	16	5831	3499	2507	15	27.9	1.73	16	31.5	3.38	4 DBEU.15	33.0
	20	4833	2419	21	5454	2539	21	7374	4424	3171	20	32.1	2.3	21	37.1	4.51	4 DBEU.15	33.0
2000	N/A	N/A	N/A	06	2132	1070	06	2672	1603	1149	N/A	N/A	N/A	06	24.3	1.27	4 DBEU.06	33.0
	10	2422	1202	11	3086	1481	11	4286	2572	1843	10	25.9	1.27	11	29	2.54	4 DBEU.10	35.0
	15	3844	1924	16	4346	2051	16	6266	3760	2694	15	30.4	1.92	16	34.1	3.78	4 DBEU.15	33.0
	20	5370	2688	21	6060	2821	21	7980	4788	3431	20	34.9	2.56	21	40.5	5.03	4 DBEU.15	33.0
2400	N/A	N/A	N/A	06	2558	1284	06	3368	2021	1448	N/A	N/A	N/A	06	29.1	1.52	6 DBEU.06	34.8
	10	2906	1443	11	3703	1777	11	5503	3302	2366	10	31.1	1.53	11	34.6	3.04	6 DBEU.10	36.8
	15	4613	2309	16	5215	2461	16	8095	4857	3481	15	36.4	2.3	16	40.5	4.53	6 DBEU.15	34.8
	20	6444	3225	21	7272	3385	21	10152	6091	4365	20	41.8	3.07	21	48.3	6.05	6 DBEU.15	34.8
2800	N/A	N/A	N/A	06	2985	1498	06	3795	2277	1632	N/A	N/A	N/A	06	33.3	1.78	6 DBEU.06	34.8
	10	3391	1683	11	4320	2073	11	6120	3672	2632	10	35.3	1.79	11	39.5	3.56	6 DBEU.10	36.8
	15	5382	2694	16	6084	2871	16	8964	5378	3855	15	41.5	2.69	16	46.3	5.31	6 DBEU.15	34.8
	20	7518	3763	21	8484	3949	21	11364	6818	4887	20	47.6	3.58	21	55.3	7.09	6 DBEU.15	34.8

EN442 output at 20°C room temperature

HEIGHT 950 ■ OUTPUT TABLES ■ TECHNICAL INFO

STRW.095 LLL TT.XXX

STRW.095 LLL TT.XXX/DBE

L mm	STANDARD			TWIN			WITH DBE				STANDARD			TWIN & TWIN WITH DBE				
	Type	Watts	Watts	Type	Watts	Watts	Type	Watts	Watts	Watts	Type	Weight	Water	Type	Weight	Water	Fan	Noise
		75/65	55/45		75/65	55/45		75/65	55/45	45/38			Content			Content	(Number)	Level dB(A)
600	N/A	N/A	N/A	06	736	378	06	871	523	375	N/A	N/A	N/A	06	12.1	0.38	1 DBEU.06	27.0
	10	836	421	11	1078	518	11	1378	827	593	10	13.3	0.38	11	14.2	0.73	1 DBEU.10	29.0
	15	1288	656	16	1606	753	16	2086	1252	897	15	15.5	0.56	16	16.8	1.07	1 DBEU.15	27.0
	20	1795	915	21	2352	1081	21	2832	1699	1218	20	17.8	0.75	21	19.3	1.43	1 DBEU.15	27.0
700	N/A	N/A	N/A	06	858	440	06	993	596	427	N/A	N/A	N/A	06	13.5	0.44	1 DBEU.06	27.0
	10	975	491	11	1257	604	11	1557	934	670	10	14.7	0.44	11	15.7	0.86	1 DBEU.10	29.0
	15	1502	765	16	1874	879	16	2354	1412	1012	15	17.1	0.66	16	18.5	1.26	1 DBEU.15	27.0
	20	2094	1067	21	2744	1261	21	3224	1934	1386	20	19.6	0.88	21	21.3	1.68	1 DBEU.15	27.0
800	N/A	N/A	N/A	06	981	503	06	1116	670	480	N/A	N/A	N/A	06	14.8	0.5	1 DBEU.06	27.0
	10	1114	561	11	1437	691	11	1737	1042	747	10	16.1	0.5	11	17.3	0.99	1 DBEU.10	29.0
	15	1717	875	16	2142	1005	16	2622	1573	1127	15	18.7	0.76	16	20.4	1.46	1 DBEU.15	27.0
	20	2394	1220	21	3136	1441	21	3616	2170	1555	20	21.3	1.01	21	23.4	1.96	1 DBEU.15	27.0
900	N/A	N/A	N/A	06	1103	566	06	1373	824	590	N/A	N/A	N/A	6	16.1	0.57	2 DBEU.06	30.0
	10	1254	631	11	1616	777	11	2216	1330	953	10	17.5	0.57	11	18.8	1.12	2 DBEU.10	32.0
	15	1931	984	16	2409	1130	16	3369	2021	1449	15	20.2	0.86	16	22.5	1.65	2 DBEU.15	30.0
	20	2693	1372	21	3528	1621	21	4488	2693	1930	20	23	1.14	21	25.7	2.21	2 DBEU.15	30.0
1000	N/A	N/A	N/A	06	1226	629	06	1496	898	643	N/A	N/A	N/A	06	17.5	0.63	2 DBEU.06	30.0
	10	1393	701	11	1796	863	11	2396	1438	1030	10	18.9	0.63	11	20.4	1.25	2 DBEU.10	32.0
	15	2146	1093	16	2677	1256	16	3637	2182	1564	15	21.8	0.95	16	24.1	1.85	2 DBEU.15	30.0
	20	2992	1524	21	3920	1801	21	4880	2928	2098	20	24.8	1.27	21	27.5	2.46	2 DBEU.15	30.0
1100	N/A	N/A	N/A	06	1349	692	06	1619	971	696	N/A	N/A	N/A	6	18.9	0.69	2 DBEU.06	30.0
	10	1532	771	11	1976	950	11	2576	1546	1108	10	20.3	0.69	11	22	1.38	2 DBEU.10	32.0
	15	2361	1203	16	2945	1381	16	3905	2343	1679	15	23.3	1.05	16	25.7	2.04	2 DBEU.15	30.0
	20	3291	1677	21	4312	1982	21	5272	3163	2267	20	26.4	1.39	21	29.4	2.72	2 DBEU.15	30.0
1200	N/A	N/A	N/A	06	1471	754	06	1741	1045	749	N/A	N/A	N/A	06	20.2	0.75	2 DBEU.06	30.0
	10	1672	842	11	2155	1036	11	2755	1653	1185	10	21.7	0.76	11	23.6	1.5	2 DBEU.10	32.0
	15	2575	1312	16	3212	1507	16	4172	2503	1794	15	25	1.14	16	27.6	2.22	2 DBEU.15	30.0
	20	3590	1829	21	4704	2162	21	5664	3398	2436	20	28.3	1.52	21	31.5	2.97	2 DBEU.15	30.0
1400	N/A	N/A	N/A	06	1716	880	06	1986	1192	854	N/A	N/A	N/A	06	23.7	0.88	2 DBEU.06	30.0
	10	1950	982	11	2514	1208	11	3114	1868	1339	10	25.6	0.89	11	27.8	1.76	2 DBEU.10	32.0
	15	3004	1531	16	3748	1758	16	4708	2825	2024	15	29.5	1.34	16	33.2	2.62	2 DBEU.15	30.0
	20	4189	2134	21	5488	2522	21	6448	3869	2773	20	33.5	1.78	21	38.4	3.49	2 DBEU.15	30.0

EN442 output at 20°C room temperature

DURATION OF THE GUARANTEE



Type equipment	Low-H ₂ O heat exchanger	Electric spare parts	Other spare parts
Strada	30 years	---	10 years
Strada DBE	30 years	2 years	10 years
DBE unit	---	2 years	---
Valves for Low-H ₂ O heat exchangers	---	---	3 years

Full Guarantee and Conditions of Sales available on request.

DELIVERY

Our radiators are delivered in easy to handle compact packaging.

Standard delivery:

- Low-H₂O heat exchanger with wall brackets, fixing kit, extended air vent 1/8" and drain plug 1/2"
- partially pre-mounted casing for connection left or right at low level
- cover plate in stainless steel effect for the side panel at the opposite end from the valve

Delivery with (optional) DBE:

- number of DBE unit(s) varies according to the length
- operation, control and power supply 12VDC
- mounting instructions
- fan units packed with the radiator

STRADA ■ CORRECTION FACTORS

AVERAGE CORRECTION FACTORS
ACCORDING TO EN442 - 75/65/20°C

Tv	Tl	Tr	25	30	35	40	45	50	55	60	65	70	75	80	85
90	18		0.45	0.58	0.69	0.79	0.89	0.98	1.07	1.16	1.24	1.34	1.41	1.49	1.56
	20		0.38	0.52	0.63	0.74	0.83	0.92	1.01	1.10	1.18	1.28	1.35	1.43	1.50
	22		0.30	0.46	0.57	0.68	0.78	0.87	0.96	1.04	1.13	1.22	1.30	1.37	1.44
	24		0.20	0.39	0.52	0.62	0.72	0.81	0.90	0.99	1.07	1.15	1.24	1.31	1.38
85	18		0.42	0.54	0.65	0.75	0.84	0.93	1.01	1.10	1.20	1.27	1.34	1.41	
	20		0.36	0.49	0.59	0.69	0.79	0.87	0.96	1.04	1.12	1.21	1.28	1.35	
	22		0.28	0.42	0.54	0.64	0.73	0.82	0.90	0.99	1.06	1.15	1.22	1.30	
	24		0.19	0.36	0.48	0.58	0.68	0.76	0.85	0.93	1.01	1.10	1.17	1.24	
80	18		0.39	0.51	0.61	0.70	0.79	0.88	0.96	1.04	1.12	1.20	1.27		
	20		0.33	0.45	0.56	0.65	0.74	0.82	0.90	0.98	1.07	1.14	1.21		
	22		0.26	0.39	0.50	0.60	0.68	0.77	0.85	0.93	1.01	1.08	1.15		
	24		0.17	0.34	0.45	0.54	0.63	0.72	0.80	0.87	0.96	1.03	1.10		
75	18		0.37	0.47	0.57	0.66	0.74	0.82	0.90	0.99	1.05	1.12			
	20		0.30	0.42	0.52	0.61	0.69	0.77	0.85	0.93	1.00	1.07			
	22		0.24	0.36	0.46	0.55	0.64	0.72	0.79	0.88	0.95	1.01			
	24		0.16	0.31	0.41	0.50	0.59	0.67	0.74	0.83	0.89	0.96			
70	18		0.34	0.44	0.53	0.61	0.69	0.77	0.85	0.92	0.99				
	20		0.28	0.39	0.48	0.56	0.64	0.72	0.80	0.87	0.93				
	22		0.22	0.33	0.43	0.51	0.59	0.67	0.74	0.81	0.88				
	24		0.14	0.28	0.38	0.46	0.54	0.62	0.69	0.76	0.83				
65	18		0.31	0.40	0.49	0.57	0.64	0.71	0.79	0.85					
	20		0.25	0.35	0.44	0.52	0.59	0.66	0.74	0.80					
	22		0.19	0.30	0.39	0.47	0.54	0.61	0.69	0.75					
	24		0.12	0.25	0.34	0.42	0.50	0.57	0.64	0.70					
60	18		0.28	0.37	0.45	0.52	0.59	0.66	0.73						
	20		0.23	0.32	0.40	0.47	0.54	0.62	0.68						
	22		0.17	0.27	0.35	0.43	0.50	0.57	0.63						
	24		0.11	0.23	0.31	0.38	0.45	0.52	0.58						
55	18		0.25	0.33	0.40	0.47	0.55	0.60							
	20		0.20	0.29	0.36	0.43	0.50	0.56							
	22		0.15	0.24	0.32	0.38	0.45	0.51							
	24		0.09	0.20	0.27	0.34	0.40	0.47							
50	18		0.22	0.30	0.36	0.43	0.49								
	20		0.18	0.25	0.32	0.38	0.44								
	22		0.13	0.21	0.28	0.34	0.40								
	24		0.08	0.17	0.24	0.30	0.36								
45	18		0.19	0.26	0.32	0.38									
	20		0.15	0.22	0.28	0.34									
	22		0.11	0.18	0.24	0.30									
	24		0.06	0.14	0.20	0.26									
40	18		0.16	0.22	0.28										
	20		0.12	0.18	0.24										
	22		0.09	0.15	0.20										
	24		0.05	0.12	0.17										
35	18		0.13	0.19											
	20		0.10	0.15											
	22		0.07	0.12											
	24		0.03	0.09											
30	18		0.10												
	20		0.07												
	22		0.04												
	24		0.02												

The indicated outputs with ΔT 50 are the exact outputs, measured in accordance with EN 442. An average correction factor is given in this table for all other ΔT outputs, applicable for all dimensions.
These correction factors are to be used for guidance only.

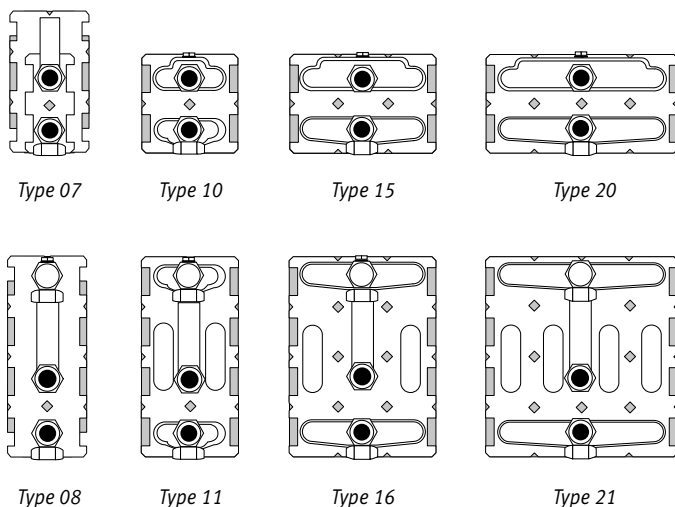
CORRECTION FACTORS - STRADA WITH DBE

AVERAGE CORRECTION FACTORS ACCORDING TO EN442 - 75/65/20°C

Tv	Tl	Tr	25	30	35	40	45	50	55	60	65	70	75	80	85
90	18		0.56	0.67	0.76	0.84	0.92	0.99	1.05	1.11	1.17	1.24	1.29	1.34	1.39
	20		0.49	0.62	0.71	0.80	0.87	0.94	1.01	1.07	1.13	1.20	1.25	1.30	1.35
	22		0.42	0.56	0.66	0.75	0.83	0.90	0.97	1.03	1.09	1.16	1.21	1.26	1.31
	24		0.31	0.50	0.61	0.71	0.79	0.86	0.93	0.99	1.05	1.11	1.17	1.22	1.27
85	18		0.53	0.64	0.73	0.81	0.88	0.95	1.01	1.07	1.14	1.19	1.24	1.29	
	20		0.47	0.59	0.68	0.76	0.84	0.91	0.97	1.03	1.09	1.15	1.20	1.25	
	22		0.39	0.53	0.63	0.72	0.79	0.86	0.93	0.99	1.05	1.11	1.16	1.21	
	24		0.29	0.47	0.58	0.67	0.75	0.82	0.89	0.95	1.01	1.07	1.12	1.17	
80	18		0.50	0.61	0.70	0.77	0.84	0.91	0.97	1.03	1.09	1.14	1.19		
	20		0.44	0.56	0.65	0.73	0.80	0.87	0.93	0.99	1.05	1.10	1.15		
	22		0.37	0.50	0.60	0.68	0.76	0.82	0.89	0.95	1.01	1.06	1.11		
	24		0.27	0.45	0.55	0.64	0.71	0.78	0.85	0.91	0.97	1.02	1.07		
75	18		0.48	0.58	0.66	0.74	0.80	0.87	0.93	0.99	1.04	1.09			
	20		0.42	0.53	0.62	0.69	0.76	0.82	0.88	0.95	1.00	1.05			
	22		0.35	0.48	0.57	0.65	0.72	0.78	0.84	0.91	0.96	1.01			
	24		0.25	0.42	0.52	0.60	0.68	0.74	0.80	0.87	0.92	0.97			
70	18		0.45	0.55	0.63	0.70	0.76	0.82	0.89	0.94	0.99				
	20		0.39	0.50	0.58	0.65	0.72	0.78	0.85	0.90	0.95				
	22		0.32	0.45	0.54	0.61	0.68	0.74	0.80	0.86	0.91				
	24		0.24	0.39	0.49	0.57	0.64	0.70	0.76	0.82	0.87				
65	18		0.42	0.51	0.59	0.66	0.72	0.78	0.84	0.89					
	20		0.36	0.47	0.55	0.62	0.68	0.74	0.80	0.85					
	22		0.30	0.42	0.50	0.57	0.64	0.70	0.76	0.81					
	24		0.22	0.36	0.46	0.53	0.60	0.66	0.72	0.77					
60	18		0.39	0.48	0.55	0.62	0.68	0.74	0.79						
	20		0.34	0.43	0.51	0.58	0.64	0.70	0.75						
	22		0.28	0.39	0.47	0.54	0.60	0.66	0.71						
	24		0.20	0.33	0.42	0.49	0.56	0.62	0.67						
55	18		0.36	0.44	0.51	0.58	0.64	0.69							
	20		0.31	0.40	0.47	0.54	0.60	0.65							
	22		0.25	0.35	0.43	0.49	0.55	0.61							
	24		0.17	0.30	0.39	0.45	0.51	0.57							
50	18		0.33	0.41	0.47	0.53	0.59								
	20		0.28	0.36	0.43	0.49	0.55								
	22		0.22	0.32	0.39	0.45	0.51								
	24		0.15	0.27	0.35	0.41	0.47								
45	18		0.30	0.37	0.43	0.49									
	20		0.25	0.33	0.39	0.45									
	22		0.20	0.28	0.35	0.41									
	24		0.13	0.24	0.31	0.37									
40	18		0.26	0.33	0.39										
	20		0.22	0.29	0.35										
	22		0.17	0.25	0.31										
	24		0.11	0.20	0.27										
35	18		0.23	0.29											
	20		0.18	0.25											
	22		0.14	0.21											
	24		0.08	0.16											
30	18		0.19												
	20		0.14												
	22		0.10												
	24		0.06												

The indicated outputs with ΔT 50 are the exact outputs, measured in accordance with EN 442. An average correction factor is given in this table for all other ΔT outputs, applicable for all dimensions. These correction factors are to be used for guidance only.

STRADA ■ HEAT EXCHANGERS OVERVIEW & PRESSURE DROP



To optimise the output of the type 06 Strada a Type 07 heat exchanger is fitted in the 200mm high casing, and a Type 08 is fitted in all other Type 06 units.

TO CALCULATE FLOW RATE:

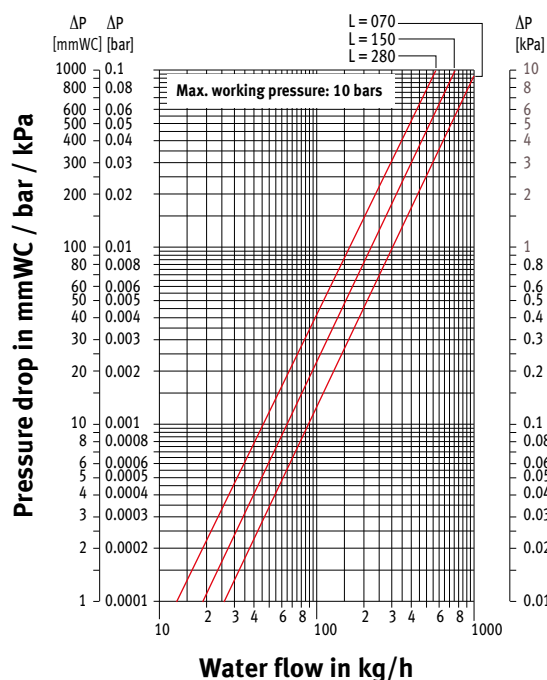
$$\frac{\text{Corrected output [Watts]} \times 3600}{\text{Specific heat capacity [J/kg.}^\circ\text{C]} \times [\text{flow temp} - \text{return temp}]}$$

For central heating hot water systems the specific heat capacity of 4187 can be used:

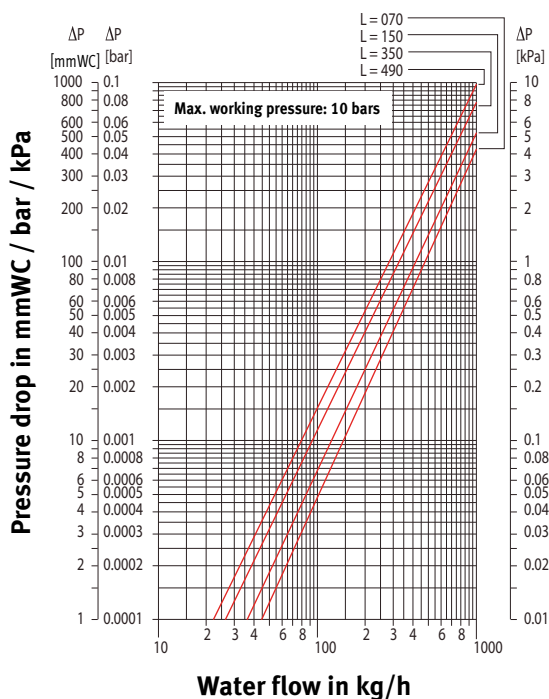
e.g. for a radiator with a 1000 Watt output with a flow temp of 70°C and a return temp of 50°C.

$$\begin{aligned} \text{Mass flow} &= \frac{1000 \times 3600}{4187 \times (70-50)} \\ &= 42.99 \text{ kg/hr} \end{aligned}$$

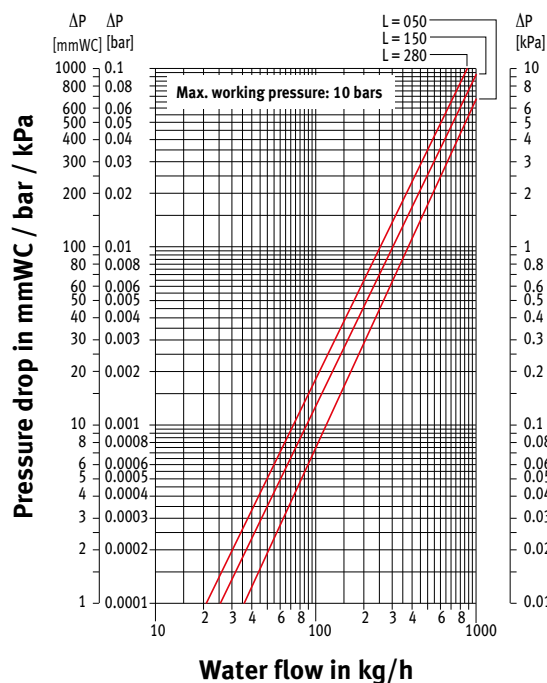
PRESSURE DROP TYPE 08



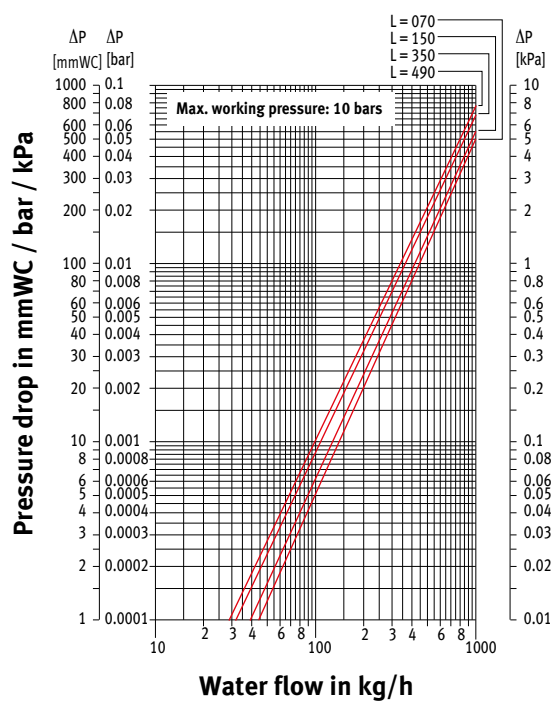
PRESSURE DROP TYPE 10



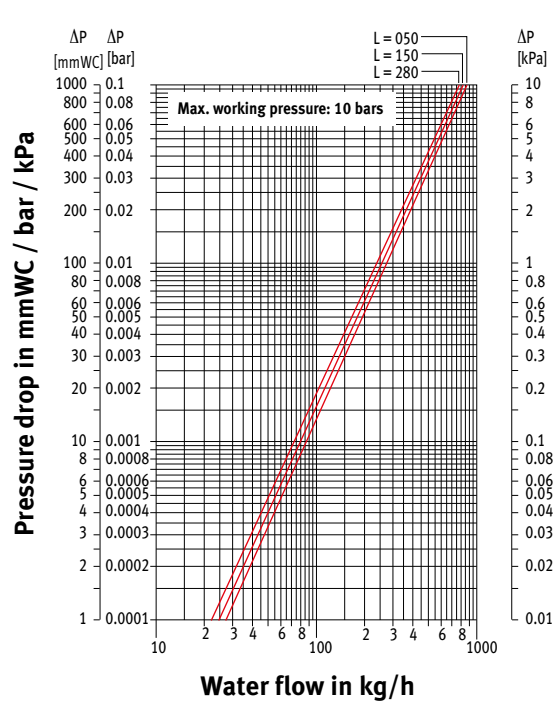
PRESSURE DROP TYPE 11



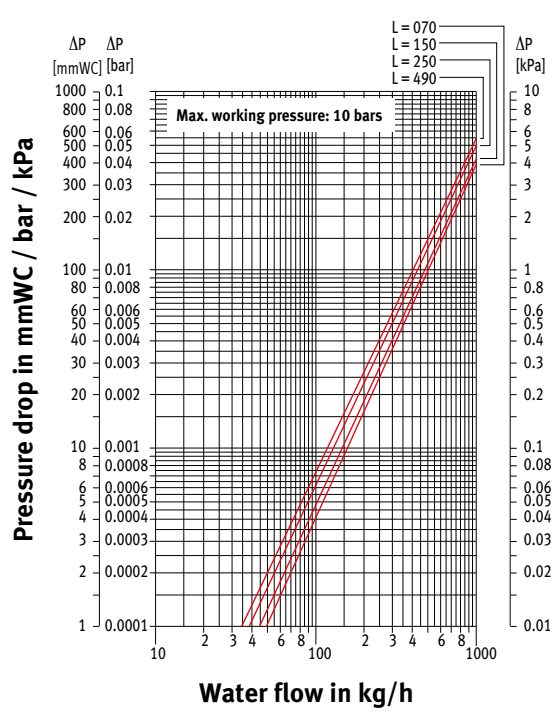
PRESSURE DROP TYPE 15



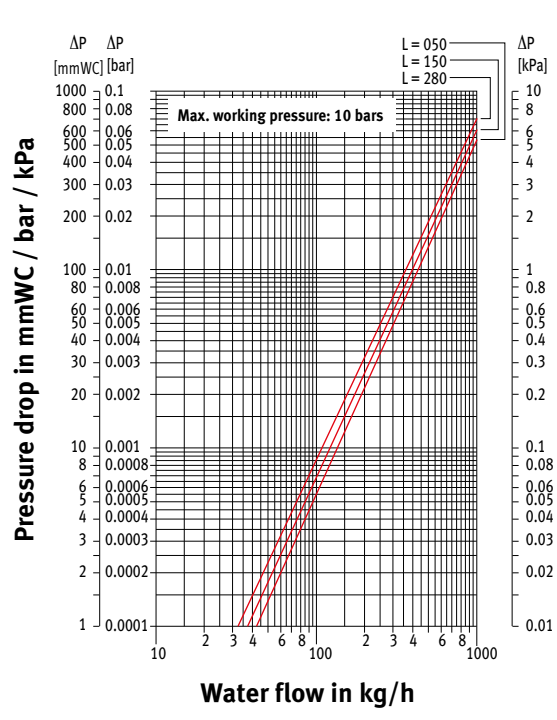
PRESSURE DROP TYPE 16



PRESSURE DROP TYPE 20



PRESSURE DROP TYPE 21





VALVES, TRV HEADS AND ACCESSORIES

OUR SPECIALLY SHORTENED VALVES CAN BE CONCEALED WITHIN THE STANDARD CASING. OTHER VALVES MAY BE PARTIALLY VISIBLE.

SLEEVE COUPLING M24

Copper Tube

CODE	Tube Ø
5094.110	10/1
5094.115	15/1

Steel Tube for C.H

CODE	Tube Ø
5094.501	1/2"

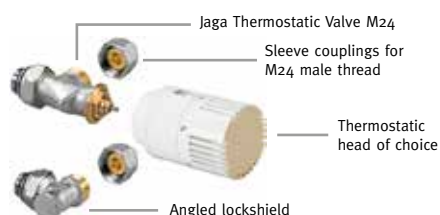
Please note other couplings are available on request.

JAGA PRO THERMOSTATIC VALVE



- with pre-setting
- for connection to the floor
- for two pipe
- complies to European standard EN 215.1

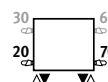
JAGA THERMOSTATIC VALVE – WALL



Consists of the following :

- 5090.407 type o6 angled TRV
- 5090.111 type o6 angled lockshield valve
- 5090.1125 white TRV head
- Adaptors to suit 15mm copper pipe as standard

To suit pipework to wall
(Same end 20/70 connections).



SLEEVE COUPLING 1/2"

Copper Tube

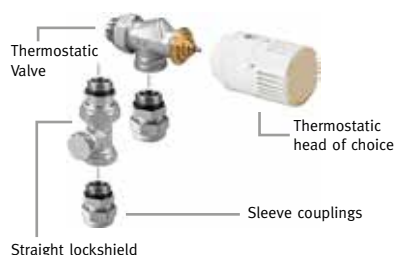
CODE	Tube Ø
5098.110	10/1
5098.115	15/1

Steel Tube for C.H

CODE	Tube Ø
5094.502	1/2"

Please note other couplings are available on request.

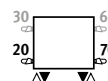
JAGA THERMOSTATIC VALVE – FLOOR



Consists of the following :

- 5090.405 angled TRV
- 5090.109 straight lockshield valve
- 5090.1125 white TRV head
- Adaptors to suit 15mm copper pipe as standard

To suit pipework from the floor
(Same end 20/70 connections).



ARTHRITIC AID



CODE

5090.ARTH

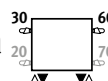
HIGH LEVEL JAGA TOP VALVE



Consists of the following :

- 5090.13001 High Level TRV set (including valve, capillary & head)
- 5090.109 straight lockshield valve
- 5090.110 angled lockshield valve
- 5090.1125 white TRV head
- Adaptors to suit 15mm copper pipe as standard

To suit pipework from the floor or wall
(Same end 30/60 connections).



TRV HEADS



CODE
5090.1125



CODE
5090.1151



CODE
5090.1150



CODE
5090.1152

JAGA COLOUR CHART



133 Traffic white RAL 9016

Jaga colours are available in three alternative finishes:

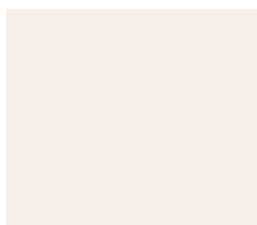
CODE 1.. → Soft touch: fine structured, satin look

COLOUR CODE . 33

Jaga has two environmentally friendly electrostatic powder coating lines with recuperation and without the use of solvents. After a thorough pre-treatment, the radiators are painted and baked at a temperature of about 185°C. This ensures a highly UV and scratch resistant finish.



101 White RAL 9010



105 Pergamon



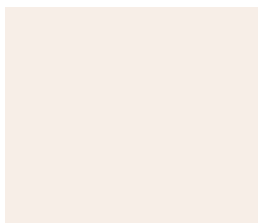
123 Natural



112 Bahama



134 Warm brown RAL 070 60 10



102 Off-white RAL 9001



135 Traffic yellow RAL 1023



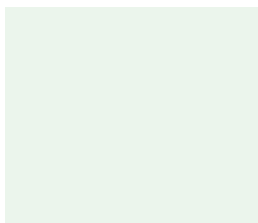
136 Orange



111 Flaming Red RAL 3000



126 Ruby red RAL 3003



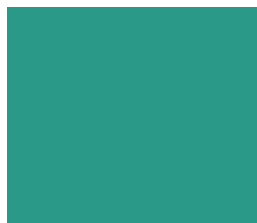
120 Aegean



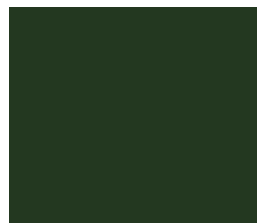
137 Yellow green RAL 110 80 60



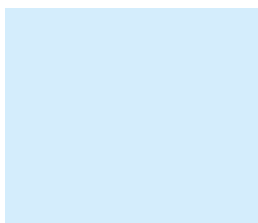
138 Green



121 Calypso



113 English green RAL 6009



139 Azure



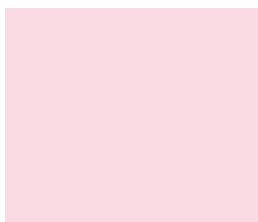
140 Ocean blue RAL 230 70 30



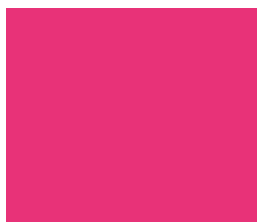
108 Sapphire blue RAL 5003



141 Night blue RAL 5011



142 Pink



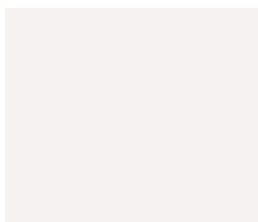
143 Magenta RAL 010 50 50



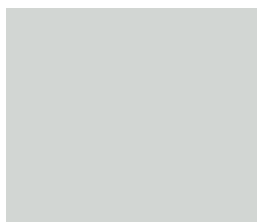
119 Violet RAL 4008



144 Purple



128 Classic white



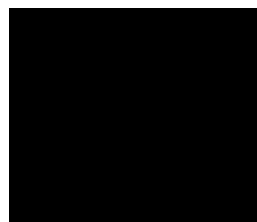
103 Light grey RAL 7035



109 Dark grey RAL 7011



131 Anthracite grey RAL 7016



104 Black RAL 9005

SPECIAL COLOURS

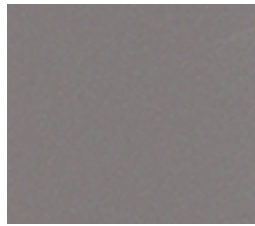
SMOOTH METALLICS



006 Aluminium RAL 9006



049 Anodic grey



005 Gunmetal grey



007 Anthracite



050 Old gold

FINE TEXTURE METALLIC



035 Silver grey



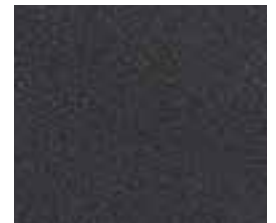
036 Warm grey



045 Concrete grey



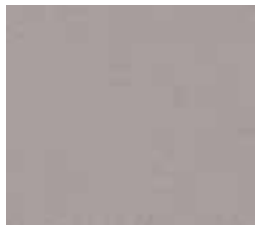
001 Sandblast grey



018 Pearl black



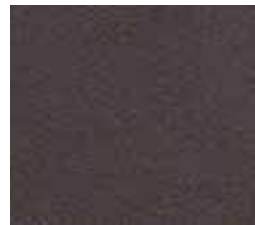
037 Cream



039 Grey brown



038 Cappuccino

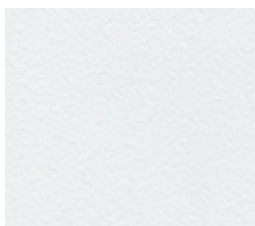


042 Chocolate

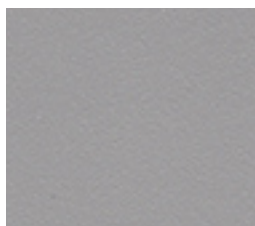


017 Pearl brown

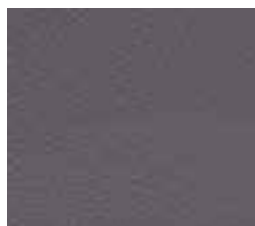
FINE TEXTURE



053 Pure white



026 Platinum grey



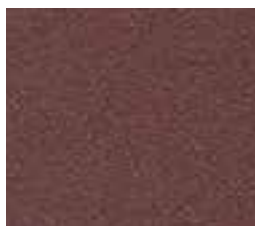
028 Granite grey



046 Graphite black



040 Copper



041 Cinnamon



043 Khaki



044 Navy blue

This colour chart is only indicative. It's impossible to obtain a 100% exact colour reproduction in printing. A colour chart can be obtained on request.



WHAT MAKES JAGA SUSTAINABLE?

Sustainability does not just start when the product is in use, but from the sourcing of the materials and throughout the product life cycle. Being sustainable and reducing our impact on the environment is what we do. There is no Planet B*. The values are the ethos on which the company bases everything.

HIGHEST EFFICIENCY RATINGS

Jaga's Low-H₂O uses less energy than any other radiator and contains 90% less water than that of an equivalent steel panel. Meaning faster response times and no wasteful over-heating.

BUILT TO LAST

The heat exchanger consists of aluminium heating fins, copper and brass irrigation tubes and brass collectors. Totally rust-free, resistant to very high working pressures and with a 30-year guarantee. A long life means lower environmental impact.

EFFICIENT USE OF MATERIALS

Since copper and aluminium are such efficient heat conductors, only a relatively small quantity of these materials are required, this includes the casing. A Low-H₂O radiator weighs much less and uses a lot less materials than a steel panel radiator.

FULLY RECYCLABLE

Copper and aluminium may not seem like the most ecological choice, but due to their high efficiency, long life, and the fact that these valuable materials are always fully recyclable. It will ultimately result in an improved LCA score.

"Low-H₂O radiators reduce the CO₂ emissions of an average house by about 1000 kg."



RESPECT
NATURE

*Ban Ki-Moon,
Former Secretary General
of the UN

JAGA LOW-H₂O RADIATORS REDUCE WASTE

Life cycle analysis (LCA) according to the Ovam Ecolizer database and weight.
Example for a 10 kW heating system, 45/35/20 temperature profile.

	underfloor heating	cast iron radiator	steel panel radiator	Jaga Low-H ₂ O radiator
LCA Score	248700	248744	185853	66517
Total weight incl. water (kg)	6252	360	216.7	48.8

What is an LCA score?

LCA or 'Life Cycle Assessment' is a system designed to compare products and their overall impact on the environment. This looks at all processes from design, materials sourced, manufacturing, energy usage until the product is ultimately 'retired'. Governments are trying to standardise LCA systems and to integrate them into the legislation. Jaga uses Ovam's Ecoliser 2.0 based on the Eco-Indicator EI-99 database. The lower the LCA score, the less adverse impact on the environment. Jaga Low-H₂O radiators score significantly better than other radiators or heating systems.

BEST LCA - SCORE



OTHER PRODUCTS

WALL MOUNTED



PLAY



KNOCKONWOOD



STRADA



LINEA PLUS

INSTALLATION IN
A WALL RECESS



BRIZA



MINI WALL

OXYGEN



JAGA'S OXYGEN SYSTEM WORKS WITH ANY OF OUR LOW SURFACE TEMPERATURE (LST) AND WALL-MOUNTED PRODUCTS.

FREESTANDING



KNOCKONWOOD DBE

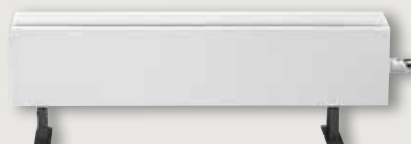


MINI



MINI DBE

LINEA PLUS



PANEL PLUS



LOW SURFACE TEMPERATURE (LST)



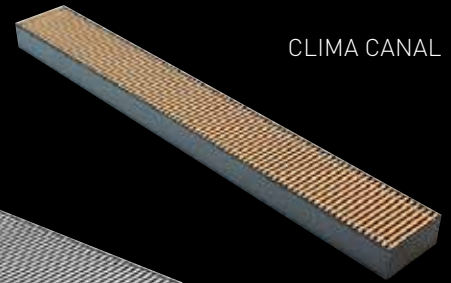
GUARDIAN LST
(AVAILABLE IN WALL
AND FLOOR MODELS)



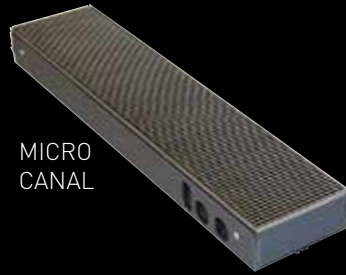
MAXI 2020 LST
(AVAILABLE IN WALL
AND FLOOR MODELS)

TRENCH HEATING

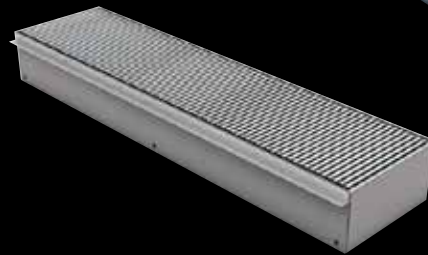
CLIMA CANAL



MICRO
CANAL



QUATRO CANAL



MINI CANAL
DBE



GEO



VERTIGA



TETRA



DECO
PANEL



PANEL
PLUS



DECO
SPACE

ORECA
MOON



ORECA
CROSSROADS

IGUANA &
IGUANA PLUS



TEMPO LST



TEMPO LST
FREESTANDING



DESIGNER

HEATWAVE



CPD SEMINAR REQUEST

jaga
CLIMATE DESIGNERS

VENTILATION IN SCHOOLS

Jaga UK's one-hour Ventilation in Schools CPD seminar certified by RIBA and CIBSE is designed to keep HVAC professionals abreast of recent advances and compliance in educational based environments.

This includes the techniques and challenges faced by specifiers in designing the most appropriate solutions.

Each seminar addresses current practices whilst helping designers to identify technical solutions and harness the benefits of various systems.

Jaga UK CPD seminars can be held at a venue of your choice.

CONTENT OF CPD:

How to meet BB101 requirements

How to maintain acceptable indoor air quality (IAQ)

Effects of poor IAQ

The importance of maintaining ideal CO2 levels

Relevant regulatory requirements

Natural and powered solutions

How to achieve effective ventilation



To arrange a CPD or to request more information please contact CPD Coordinator on the details below:
✉ Jaga House, Orchard Business Park, Ledbury, HR8 1LG - ☎ 01531 631 533 - email us @ cpd@jaga.co.uk
You can also register online at www.jaga.co.uk/technical-support/cpd-seminar-request

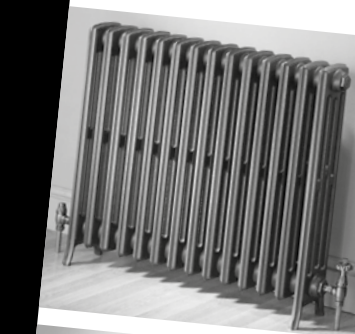
jaga
CLIMATE DESIGNERS

AT
HEA
CRI

Jaga UK's HVAC products are available and running challenges solution.

This CPD aims to help engineers and the know

Jaga UK CPD seminars can be held at a venue of your choice.



To arrange a CPD or to request more information please contact:
✉ Jaga House, Orchard Business Park, Ledbury, HR8 1LG - ☎ 01531 631 533
You can also register online at www.jaga.co.uk/technical-support/cpd-seminar-request



THE END OF THE LINE... HEAT EMITTER SELECTION CRITERIA

One-hour Heat Emitter CPD seminar is designed to keep professionals up-to-date with the choice of heat emitters. We look at their effect on the energy performance and costs of the building before exploring in-depth the challenges faced in designing the most appropriate heating

seminars to address some of the issues that building service engineers and designers can face when looking at heat emitters and the effect of the chosen selection.

seminars are accredited by CIBSE, and can be held at a venue of your choice.

CONTENT OF CPD:

- The basics covering heat sources & distribution
- Regulations: building and specific regulations for different buildings
- The types of heat emitters available
- Looking at combined approaches
- Designing the best solution



For CPD Coordinator on the details below:
01531 631 533 - email us @ cpd@jaga.co.uk
or cpd-seminar-request

Jaga runs accredited CIBSE and RIBA Continuous Professional Development seminars on:

- Heat Emitter Selection
- Facade Heating
- Ventilation in Schools

Register your interest on our website:

www.jaga.co.uk/technical-support/cpd-seminar-request/

jaga
CLIMATE DESIGNERS

TRENCH & PERIMETER HEATING

Jaga UK's one-hour Facade Heating CPD-certified seminars is designed to keep HVAC professionals abreast of recent advances in facade heating techniques before exploring, in depth, the challenges faced by building services engineers in designing the most appropriate solution.

The seminar addresses current practices whilst helping design engineers to identify technical solutions and harness the benefits of the latest natural and fan-assisted trench and perimeter heating systems.

Jaga UK CPD seminars are accredited by CIBSE, and can be held at a venue of your choice.



CONTENT OF CPD:

- Design considerations for trench heating
- Influences of trench configuration
- When to use low level floor mounted heating
- Working with renewable energy sources
- Calculating heat outputs
- Case studies of recent facade heating projects
- EN16430 legislation
- Design & performance criteria



To arrange a CPD or to request more information please contact CPD Coordinator on the details below:
Jaga House, Orchard Business Park, Ledbury, HR8 1LG - ☎ 01531 631 533 - email us @ cpd@jaga.co.uk
You can also register online at www.jaga.co.uk/technical-support/cpd-seminar-request

NOTES



Award winning Low-H₂O technology



Outstanding performance with low temperature systems



Super-fast response times to changes in ambient temperature



No radiant heat loss to the wall



Lightweight and easy to install



Valve options can be concealed in casing

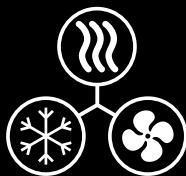


Split deliveries

jaga

CLIMATE DESIGNERS

www.jaga.co.uk



Climate Designers -
Heating, Cooling
and Ventilation

Jaga UK

Jaga House, Orchard Business Park,
Bromyard Road, Ledbury,
Herefordshire HR8 1LG
Tel: +44 1531 631 533
Fax: +44 1531 631 534
E-mail: jaga@jaga.co.uk

Jaga NV

Verbindingslaan 16
B-3590 Diepenbeek
Tel: +32 11 29 41 11
Fax: +32 11 32 35 78
Email: info@jaga.be

About Jaga

Jaga manufactures a wide range of energy-efficient, heating, ventilation and cooling solutions.

Originally founded in Belgium in 1962 and established in the UK in 1991, Jaga UK is now one of the UK's leading distributors of award-winning, energy-saving, low-water content and designer products.

STRW_BRO_V3_0919