

MINI WALL



MINI

CONTENT	3
TECHNICAL INFORMATION	5
Dimensions	5
Standard delivery	5
Colours	5
Hydronic connection	6
Height 008 Standard: flow left or right	6
Height 013 - 023 - 028 Standard: Connection left or right with controls below	6
Height 013 - 023 - 028 remote controlled	6
Most used connection sets	7
Height 008	7
Height 013- 023 - 028	7
Technical table	8
Height 020	8
Height 013	9
Height 023	10
Height 028	11
Parts	12
Correction factors	13
Pressure drop	14
Type 05	14
Type 06	15
Type 09 other end	16
Type 10	17
Type 11	18
Type 14 other end	19
Type 15	20
Type 16	21
Type 19 other end	22
Type 20	23
Type 21	24



DIMENSIONS (in mm)

Height 008 (opposite end connections)

Type 09



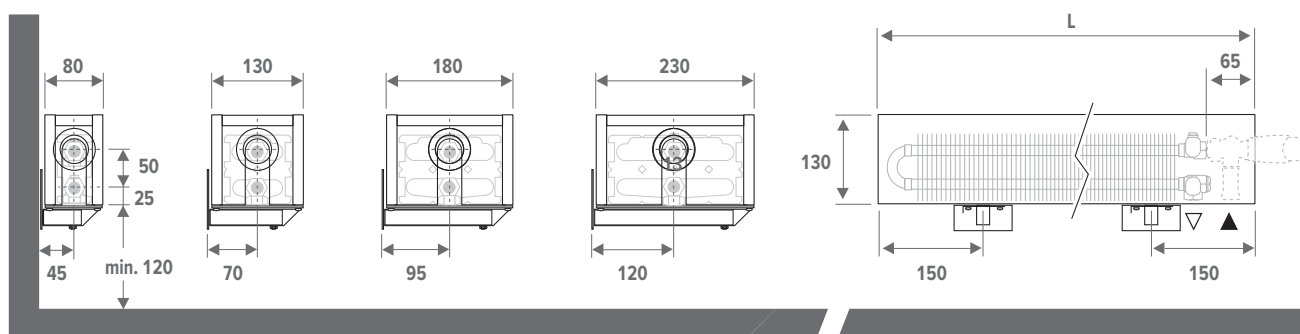
Height 013

Type 05

Type 10

Type 15

Type 20

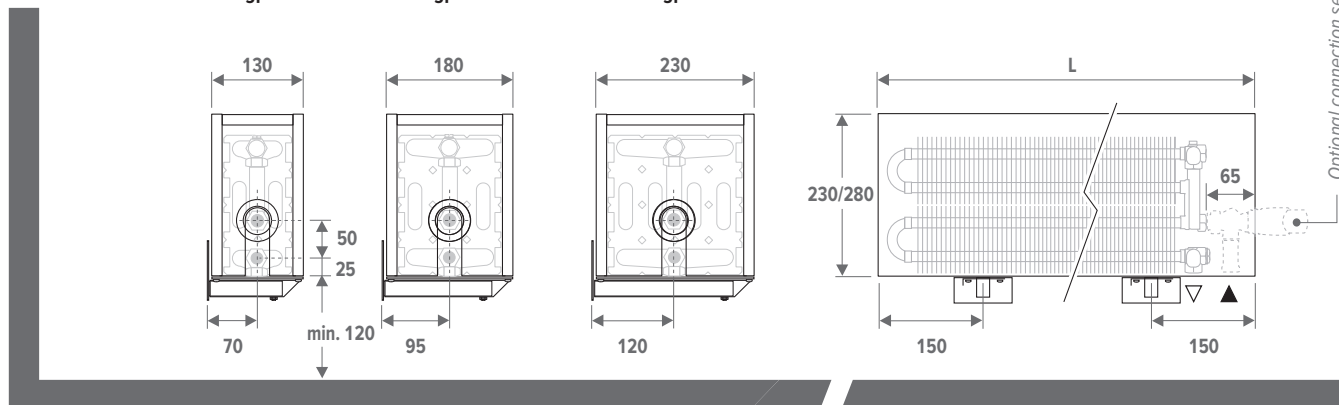


Height 023 / 028

Type 11

Type 16

Type 21



STANDARD DELIVERY

- Low-H₂O heat exchanger, with dirt and dust repellent coating in graphite grey (RAL 7024)
- Wall brackets, mounting set, 1/8" air vent and 1/2" drain cock
- Casing in one piece for connection left or right
- Wall brackets in the same colour as the casing

COLOURS

Eco-friendly, scratch-resistant powder coating with high UV-resistance

Standard colours

- traffic white RAL 9016 (133), soft touch lightly structured satin finish
- sandblast grey (001), fine texture metallic lak
- off-black (145), soft touch lightly-textured satin lacquer

Other colours

See Jaga colour chart.

Surcharge depends on the length of the unit:

- Length < 100 cm
- Length of 100 cm to 200 cm
- Length > 200 cm

ORDER CODE

MINW 008 060 09 XXX

Colour
Type
Length
Height

MINI HEIGHT 008

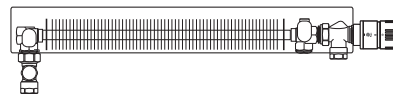
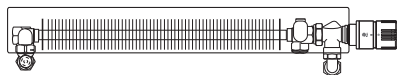
HYDRONIC CONNECTION

STANDARD: OPPOSITE END CONNECTIONS, FLOW LEFT OR RIGHT

Bottom left or right, to the wall or to the floor. Wall connection via underside of casing. Wall connection inside the casing not possible due to the closed back panel. The installer can rotate the heat exchanger to accommodate a left or right-side connection.

Connection to the wall: set 225 or 285 and 1 angle

Connection to the floor: set 222 or 282



MINI HEIGHT 013 - 023 - 028

HYDRONIC CONNECTION

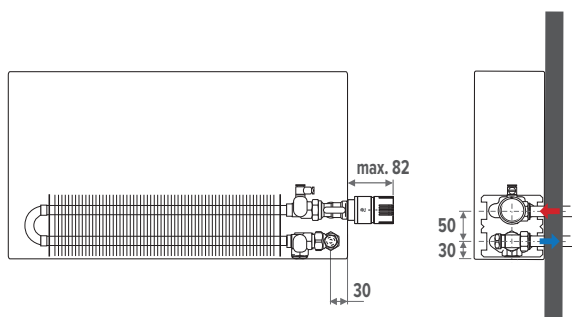
STANDARD: CONNECTION LEFT OR RIGHT WITH CONTROLS BELOW

Bottom left or right, to the wall or to the floor. Wall connection via underside of casing. Wall connection inside the casing not possible due to the closed back panel.

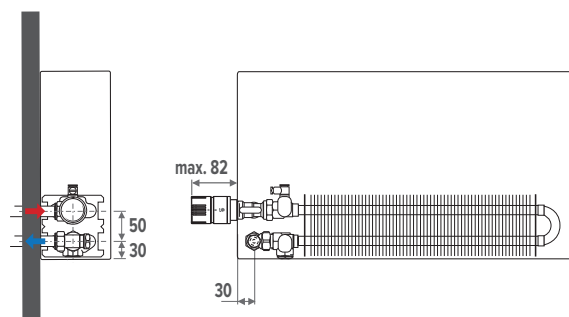
Compatible Eurocone connection sets: 101, 102, 103, 104, 181, 182, 183, 184, 222, 225, 226, 282, 285

Compatible M24 connection sets: 11, 12, 13, 14

Example of connection to the right (standard)



Example of connection to the left

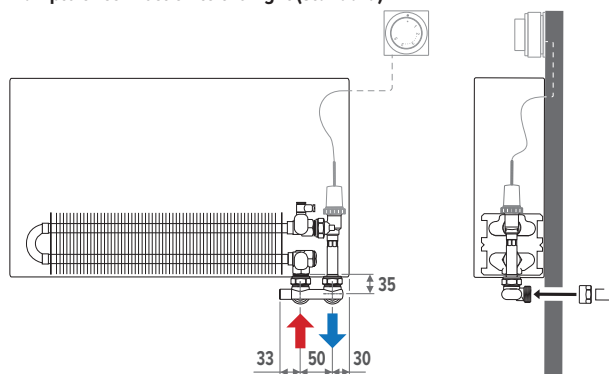


CONNECTION LEFT OR RIGHT WITH REMOTE CONTROL

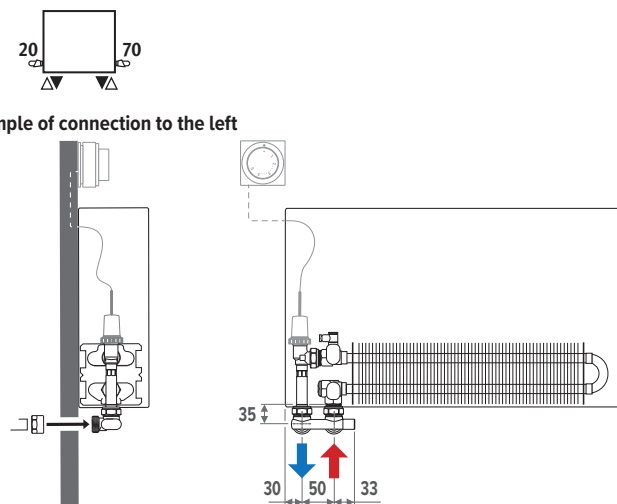
Complete the radiator code with 00 (closed sides). EX. MINW.013 060 05 xxx 00

Compatible Eurocone connection sets: 111, 112, 113, 114

Example of connection to the right (standard)



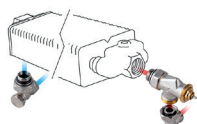
Example of connection to the left



MINI HEIGHT 008

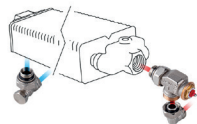
TO THE WALL

With Jaga valve



set 225 KVS: 0.8	
2-PIPE	
COLO SW2 AW 4...	AW
COLO SW2 AC 4...	AC
COLO SW2 AB 4...	AB
COLO SW2 JH 4...	JH
fill in sleeve coupling code	

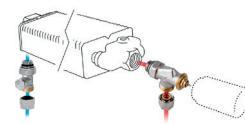
With Gampper Vario DP Dynamic valve



set 285 pressure-independent flow control (20 - 340 l/h)	
2-PIPE	
COLO GW2 AW 4...	AW
COLO GW2 AC 4...	AC
COLO GW2 AB 4...	AB
COLO.GW2.JH.4...	JH
fill in sleeve coupling code	

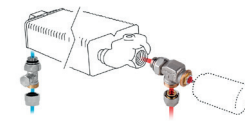
TO THE FLOOR

With Jaga valve



set 222 KVS: 0.8	
2-PIPE	
COLO JF2 AW 4...	AW
COLO JF2 AC 4...	AC
COLO JF2 AB 4...	AB
COLO JF2 JH 4...	JH
fill in sleeve coupling code	

With Gampper Vario DP Dynamic valve



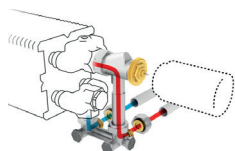
set 282 pressure-independent flow control (20 - 340 l/h)	
2-PIPE	
COLO GF2 AW 4...	AW
COLO GF2 AC 4...	AC
COLO GF2 AB 4...	AB
COLO GF2 JH 4...	JH
fill in sleeve coupling code	

For wall connection, order 2 elbows (see below)

MINI HEIGHT 013 - 023 - 028

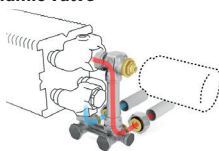
TO THE WALL - FLOW ON THE OUTSIDE

With Jaga H-valve



set 103 KVS: 0.8	
TWO PIPE / ONE PIPE	
COLO HBSW AW 4...	AW
COLO HBSW AC 4...	AC
COLO HBSW AB 4...	AB
COLO HBSW JH 4...	JH
fill in sleeve coupling code	

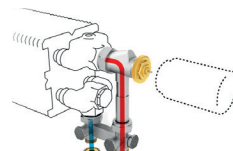
With Gampper Vario DP Dynamic valve



set 183 pressure-independent flow control (20 - 340 l/h)	
2-PIPE	
COLO GASW AW 4...	AW
COLO GASW AC 4...	AC
COLO GASW AB 4...	AB
COLO GASW JH 4...	JH
fill in sleeve coupling code	

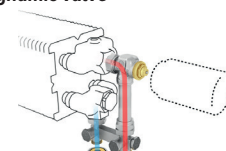
TO THE FLOOR - FLOW ON THE OUTSIDE

With Jaga H-valve



set 104 KVS: 0.8	
TWO PIPE / ONE PIPE	
COLO HBSF AW 4...	AW
COLO HBSF AC 4...	AC
COLO HBSF AB 4...	AB
COLO HBSF JH 4...	JH
fill in sleeve coupling code	

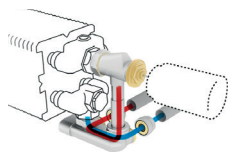
With Gampper Vario DP Dynamic valve



set 184 pressure-independent flow control (20 - 340 l/h)	
2-PIPE	
COLO GASF AW 4...	AW
COLO GASF AC 4...	AC
COLO GASF AB 4...	AB
COLO GASF JH 4...	JH
fill in sleeve coupling code	

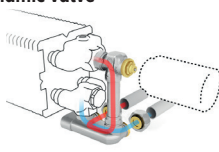
TO THE WALL - FLOW ON THE INSIDE

With Jaga Crossflow valve



set 101 KVS: 0.8	
2-PIPE	
COLO HBCW AW 4...	AW
COLO HBCW AC 4...	AC
COLO HBCW AB 4...	AB
COLO HBCW JH 4...	JH
fill in sleeve coupling code	

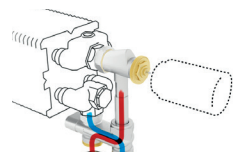
With Gampper Vario DP Dynamic valve



set 181 pressure-independent flow control (20 - 340 l/h)	
2-PIPE	
COLO GACW AW 4...	AW
COLO GACW AC 4...	AC
COLO GACW AB 4...	AB
COLO GACW JH 4...	JH
fill in sleeve coupling code	

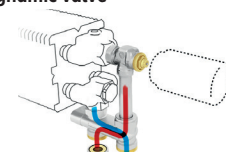
TO THE FLOOR - FLOW ON THE INSIDE

With Jaga Crossflow valve



set 102 KVS: 0.8	
2-PIPE	
COLO HBCF AW 4...	AW
COLO HBCF AC 4...	AC
COLO HBCF AB 4...	AB
COLO HBCF JH 4...	JH
fill in sleeve coupling code	

With Gampper Vario DP Dynamic valve



set 182 pressure-independent flow control (20 - 340 l/h)	
2-PIPE	
COLO GACF AW 4...	AW
COLO GACF AC 4...	AC
COLO GACF AB 4...	AB
COLO GACF JH 4...	JH
fill in sleeve coupling code	

Angle



5095 4020

Sleeve couplings 3/4" Eurocone

PRECISION METAL TUBE		SYNTHETIC OR RPE/ALU	
CODE	Tube Ø	CODE	Tube Ø
112	12/1	612	12/2
114	14/1	614	14/2
115	15/1	616	16/2
116	16/1	618	18/2
118	18/1	619	16/1.5
		620	20/2

MINI

HEIGHT 008 (STANDARD)

Type 09



			HEATING Room temperature 20°C					ORDER CODE
HEIGHT	LENGTH	TYPE	35/30	45/40	50/45	55/45	75/65	
H	L	T	Watts	Watts	Watts	Watts	Watts	
cm	cm							
MINW 008 060	060	---	---	---	---	---	---	MINW 008 060 09
	09	---	35	82	109	123	255	
	---	---	---	---	---	---	---	
070	---	---	---	---	---	---	---	MINW 008 070 09
	09	---	41	96	128	143	298	
	---	---	---	---	---	---	---	
080	---	---	---	---	---	---	---	MINW 008 080 09
	09	---	47	109	146	163	340	
	---	---	---	---	---	---	---	
090	---	---	---	---	---	---	---	MINW 008 090 09
	09	---	53	123	164	184	383	
	---	---	---	---	---	---	---	
100	---	---	---	---	---	---	---	MINW 008 100 09
	09	---	59	137	182	204	425	
	---	---	---	---	---	---	---	
110	---	---	---	---	---	---	---	MINW 008 110 09
	09	---	65	151	201	225	468	
	---	---	---	---	---	---	---	
120	---	---	---	---	---	---	---	MINW 008 120 09
	09	---	70	164	219	245	510	
	---	---	---	---	---	---	---	
140	---	---	---	---	---	---	---	MINW 008 140 09
	09	---	82	192	255	286	595	
	---	---	---	---	---	---	---	
160	---	---	---	---	---	---	---	MINW 008 160 09
	09	---	94	219	292	327	680	
	---	---	---	---	---	---	---	
180	---	---	---	---	---	---	---	MINW 008 180 09
	09	---	106	246	328	368	765	
	---	---	---	---	---	---	---	
200	---	---	---	---	---	---	---	MINW 008 200 09
	09	---	117	274	364	408	850	
	---	---	---	---	---	---	---	
220	---	---	---	---	---	---	---	MINW 008 220 09
	09	---	129	301	401	449	935	
	---	---	---	---	---	---	---	
240	---	---	---	---	---	---	---	MINW 008 240 09
	09	---	141	328	437	490	1020	
	---	---	---	---	---	---	---	
260	---	---	---	---	---	---	---	MINW 008 260 09
	09	---	153	356	474	531	1105	
	---	---	---	---	---	---	---	
280	---	---	---	---	---	---	---	MINW 008 280 09
	09	---	164	383	510	572	1190	
	---	---	---	---	---	---	---	
300	---	---	---	---	---	---	---	MINW 008 300 09
	09	---	176	410	547	613	1275	
	---	---	---	---	---	---	---	

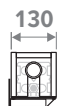
MINI

HEIGHT 013 (TWIN)

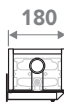
Type 05



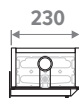
Type 10



Type 15



Type 20



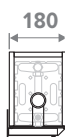
HEIGHT H cm	LENGTH L cm	TYPE T	HEATING Room temperature 20°C					ORDER CODE
			35/30	45/40	50/45	55/45	75/65	
			Watts	Watts	Watts	Watts	Watts	
MINW 013 060	05	05	27	64	85	95	197	MINW 013 060 05
	10	10	42	97	130	146	303	MINW 013 060 10
	15	15	70	164	218	244	508	MINW 013 060 15
	20	20	99	231	308	345	717	MINW 013 060 20
070	05	05	32	74	99	111	230	MINW 013 070 05
	10	10	49	114	152	170	354	MINW 013 070 10
	15	15	82	191	255	285	593	MINW 013 070 15
	20	20	116	270	359	403	837	MINW 013 070 20
080	05	05	37	85	113	127	263	MINW 013 080 05
	10	10	56	130	173	194	404	MINW 013 080 10
	15	15	94	219	291	326	678	MINW 013 080 15
	20	20	132	308	410	460	956	MINW 013 080 20
090	05	05	41	96	127	143	296	MINW 013 090 05
	10	10	63	146	195	219	455	MINW 013 090 10
	15	15	105	246	327	367	762	MINW 013 090 15
	20	20	149	347	462	518	1076	MINW 013 090 20
100	05	05	46	106	141	158	329	MINW 013 100 05
	10	10	70	162	216	243	505	MINW 013 100 10
	15	15	117	273	364	407	847	MINW 013 100 15
	20	20	165	385	513	575	1195	MINW 013 100 20
110	05	05	50	117	156	174	362	MINW 013 110 05
	10	10	77	179	238	267	556	MINW 013 110 10
	15	15	129	301	400	448	932	MINW 013 110 15
	20	20	182	424	564	633	1315	MINW 013 110 20
120	05	05	55	128	170	190	395	MINW 013 120 05
	10	10	84	195	260	291	606	MINW 013 120 10
	15	15	141	328	436	489	1016	MINW 013 120 15
	20	20	198	462	616	690	1434	MINW 013 120 20
140	05	05	64	149	198	222	461	MINW 013 140 05
	10	10	97	227	303	340	707	MINW 013 140 10
	15	15	164	382	509	570	1186	MINW 013 140 15
	20	20	232	539	718	805	1673	MINW 013 140 20
160	05	05	73	170	226	253	526	MINW 013 160 05
	10	10	111	260	346	388	808	MINW 013 160 10
	15	15	188	437	582	652	1355	MINW 013 160 15
	20	20	265	617	821	920	1912	MINW 013 160 20
180	05	05	82	191	255	285	592	MINW 013 180 05
	10	10	125	292	389	437	909	MINW 013 180 10
	15	15	211	492	655	734	1525	MINW 013 180 15
	20	20	298	694	923	1035	2151	MINW 013 180 20
200	05	05	91	213	283	317	658	MINW 013 200 05
	10	10	139	325	433	485	1010	MINW 013 200 10
	15	15	234	546	727	815	1694	MINW 013 200 15
	20	20	331	771	1026	1150	2390	MINW 013 200 20
220	05	05	101	234	311	349	724	MINW 013 220 05
	10	10	153	357	476	534	1111	MINW 013 220 10
	15	15	258	601	800	896	1863	MINW 013 220 15
	20	20	364	848	1129	1265	2629	MINW 013 220 20
240	05	05	110	255	340	381	790	MINW 013 240 05
	10	10	167	390	519	582	1212	MINW 013 240 10
	15	15	281	656	873	978	2033	MINW 013 240 15
	20	20	397	925	1231	1380	2868	MINW 013 240 20
260	05	05	119	276	368	412	855	MINW 013 260 05
	10	10	181	422	563	631	1313	MINW 013 260 10
	15	15	305	710	945	1059	2202	MINW 013 260 15
	20	20	430	1002	1334	1495	3107	MINW 013 260 20
280	05	05	128	298	396	444	921	MINW 013 280 05
	10	10	195	455	606	679	1414	MINW 013 280 10
	15	15	328	765	1018	1141	2372	MINW 013 280 15
	20	20	463	1079	1436	1609	3346	MINW 013 280 20
300	05	05	137	319	424	475	987	MINW 013 300 05
	10	10	209	487	649	728	1515	MINW 013 300 10
	15	15	352	819	1091	1222	2541	MINW 013 300 15
	20	20	496	1156	1539	1724	3585	MINW 013 300 20

MINI

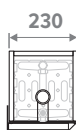
Type 11



Type 16



Type 21



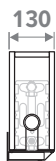
HEIGHT 023 (TWIN)

HEIGHT H cm	LENGTH L cm	TYPE T	HEATING Room temperature 20°C					ORDER CODE
			35/30 Watts	45/40 Watts	50/45 Watts	55/45 Watts	75/65 Watts	
MINW 023 060	---	---	---	---	---	---	---	---
	11	---	80	190	254	285	601	MINW 023 060 11
	16	---	103	246	330	370	785	MINW 023 060 16
	21	---	132	317	426	479	1021	MINW 023 060 21
070	---	---	---	---	---	---	---	---
	11	---	94	222	296	333	701	MINW 023 070 11
	16	---	120	287	385	432	916	MINW 023 070 16
	21	---	154	370	497	559	1191	MINW 023 070 21
080	---	---	---	---	---	---	---	---
	11	---	107	253	339	381	802	MINW 023 080 11
	16	---	137	327	439	494	1046	MINW 023 080 16
	21	---	176	423	568	639	1361	MINW 023 080 21
090	---	---	---	---	---	---	---	---
	11	---	121	285	381	428	902	MINW 023 090 11
	16	---	155	368	494	555	1177	MINW 023 090 16
	21	---	198	475	639	719	1531	MINW 023 090 21
100	---	---	---	---	---	---	---	---
	11	---	134	317	424	476	1002	MINW 023 100 11
	16	---	172	409	549	617	1308	MINW 023 100 16
	21	---	220	528	710	799	1701	MINW 023 100 21
110	---	---	---	---	---	---	---	---
	11	---	147	348	466	523	1102	MINW 023 110 11
	16	---	189	450	604	679	1439	MINW 023 110 16
	21	---	243	581	781	878	1871	MINW 023 110 21
120	---	---	---	---	---	---	---	---
	11	---	161	380	508	571	1202	MINW 023 120 11
	16	---	206	491	659	741	1570	MINW 023 120 16
	21	---	265	634	852	958	2041	MINW 023 120 21
140	---	---	---	---	---	---	---	---
	11	---	188	443	593	666	1403	MINW 023 140 11
	16	---	241	573	769	864	1831	MINW 023 140 16
	21	---	309	739	994	1118	2381	MINW 023 140 21
160	---	---	---	---	---	---	---	---
	11	---	214	507	678	761	1603	MINW 023 160 11
	16	---	275	655	879	988	2093	MINW 023 160 16
	21	---	353	845	1136	1278	2722	MINW 023 160 21
180	---	---	---	---	---	---	---	---
	11	---	241	570	763	857	1804	MINW 023 180 11
	16	---	309	737	988	1111	2354	MINW 023 180 16
	21	---	397	951	1278	1438	3062	MINW 023 180 21
200	---	---	---	---	---	---	---	---
	11	---	268	633	847	952	2004	MINW 023 200 11
	16	---	344	819	1098	1234	2616	MINW 023 200 16
	21	---	441	1057	1420	1597	3402	MINW 023 200 21
220	---	---	---	---	---	---	---	---
	11	---	295	697	932	1047	2204	MINW 023 220 11
	16	---	378	901	1208	1358	2878	MINW 023 220 16
	21	---	485	1162	1562	1757	3742	MINW 023 220 21
240	---	---	---	---	---	---	---	---
	11	---	321	760	1017	1142	2405	MINW 023 240 11
	16	---	413	983	1318	1481	3139	MINW 023 240 16
	21	---	529	1268	1704	1916	4082	MINW 023 240 21
260	---	---	---	---	---	---	---	---
	11	---	348	823	1102	1237	2605	MINW 023 260 11
	16	---	447	1065	1428	1605	3401	MINW 023 260 16
	21	---	573	1374	1846	2076	4423	MINW 023 260 21
280	---	---	---	---	---	---	---	---
	11	---	375	887	1187	1332	2806	MINW 023 280 11
	16	---	481	1146	1538	1728	3662	MINW 023 280 16
	21	---	617	1479	1988	2236	4763	MINW 023 280 21
300	---	---	---	---	---	---	---	---
	11	---	402	950	1271	1427	3006	MINW 023 300 11
	16	---	516	1228	1648	1852	3924	MINW 023 300 16
	21	---	661	1585	2130	2396	5103	MINW 023 300 21

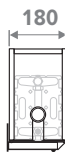
MINI

HEIGHT 028 (TWIN)

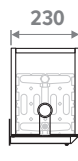
Type 11



Type 16



Type 21

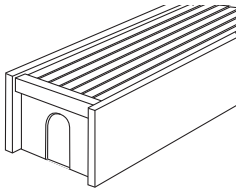


HEIGHT H cm	LENGTH L cm	TYPE T	HEATING Room temperature 20°C					ORDER CODE
			35/30	45/40	50/45	55/45	75/65	
			Watts	Watts	Watts	Watts	Watts	
MINW 028	060	---	---	---	---	---		
		11	87	206	276	310	653	MINW 028 060 11
		16	113	269	361	405	860	MINW 028 060 16
	21	145	349	469	528	1127	MINW 028 060 21	
070	---	---	---	---	---			
	11	102	241	322	362	762	MINW 028 070 11	
	16	131	313	421	473	1003	MINW 028 070 16	
	21	170	407	548	616	1315	MINW 028 070 21	
080	---	---	---	---	---			
	11	116	275	368	414	871	MINW 028 080 11	
	16	150	358	481	540	1146	MINW 028 080 16	
	21	194	465	626	704	1503	MINW 028 080 21	
090	---	---	---	---	---			
	11	131	310	414	465	980	MINW 028 090 11	
	16	169	403	541	608	1290	MINW 028 090 16	
	21	218	523	704	792	1691	MINW 028 090 21	
100	---	---	---	---	---			
	11	146	344	461	517	1089	MINW 028 100 11	
	16	188	448	601	676	1433	MINW 028 100 16	
	21	242	582	782	880	1879	MINW 028 100 21	
110	---	---	---	---	---			
	11	160	379	507	569	1198	MINW 028 110 11	
	16	207	493	661	743	1576	MINW 028 110 16	
	21	266	640	861	968	2067	MINW 028 110 21	
120	---	---	---	---	---			
	11	175	413	553	621	1307	MINW 028 120 11	
	16	225	538	721	811	1720	MINW 028 120 16	
	21	291	698	939	1056	2255	MINW 028 120 21	
140	---	---	---	---	---			
	11	204	482	645	724	1525	MINW 028 140 11	
	16	263	627	841	946	2006	MINW 028 140 16	
	21	339	814	1095	1233	2631	MINW 028 140 21	
160	---	---	---	---	---			
	11	233	551	737	827	1742	MINW 028 160 11	
	16	301	717	962	1081	2293	MINW 028 160 16	
	21	387	931	1252	1408	3006	MINW 028 160 21	
180	---	---	---	---	---			
	11	262	619	829	931	1960	MINW 028 180 11	
	16	338	806	1082	1216	2579	MINW 028 180 16	
	21	436	1047	1408	1584	3382	MINW 028 180 21	
200	---	---	---	---	---			
	11	291	688	921	1034	2178	MINW 028 200 11	
	16	376	896	1202	1351	2866	MINW 028 200 16	
	21	484	1163	1565	1761	3758	MINW 028 200 21	
220	---	---	---	---	---			
	11	320	757	1013	1138	2396	MINW 028 220 11	
	16	413	985	1322	1486	3153	MINW 028 220 16	
	21	533	1280	1721	1937	4134	MINW 028 220 21	
240	---	---	---	---	---			
	11	349	826	1105	1241	2614	MINW 028 240 11	
	16	451	1075	1442	1621	3439	MINW 028 240 16	
	21	581	1396	1878	2113	4510	MINW 028 240 21	
260	---	---	---	---	---			
	11	378	895	1197	1344	2831	MINW 028 260 11	
	16	488	1165	1563	1756	3726	MINW 028 260 16	
	21	630	1512	2034	2289	4885	MINW 028 260 21	
280	---	---	---	---	---			
	11	408	964	1289	1448	3049	MINW 028 280 11	
	16	526	1254	1683	1891	4012	MINW 028 280 16	
	21	678	1629	2191	2465	5261	MINW 028 280 21	
300	---	---	---	---	---			
	11	437	1033	1382	1551	3267	MINW 028 300 11	
	16	564	1344	1803	2027	4299	MINW 028 300 16	
	21	727	1745	2347	2641	5637	MINW 028 300 21	

MINI

PARTS

CASING



- STANDARD DELIVERY:
- pre-assembled casing
 - colour 133, 001 or 145; extra cost different colour

ORDER CODE

CMIN 008 060 05 XXX

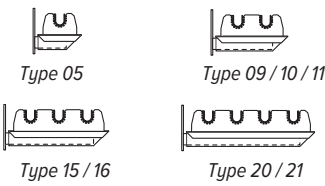
Colour

Type

Length

HEIGHT

WALL MOUNTED FIXING



- number of fixings for casing
- from 060 to 160 cm: at least 2 units
 - from 180 to 300 cm: at least 3 units

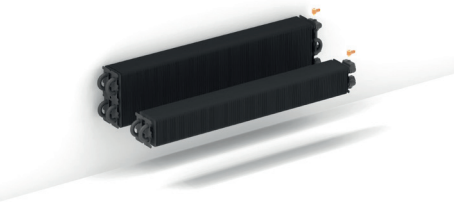
ORDER CODE

5205 000 000 05 XXX W

Colour

Type

HEAT EXCHANGER



- STANDARD DELIVERY:
- heat exchanger including air vent and drain cock

ORDER CODE

5003 000 060 05 BS9

Type of heat exchanger

Length

Overview types of heat exchangers

	Mini Type 05	Mini Type 09	Mini Type 10	Mini Type 11	Mini Type 15	Mini Type 16	Mini Type 20	Mini Type 21
Height 008		 Type 09						
Height 013	 Type 5		 Type 10		 Type 15		 Type 20	
Height 023 Height 028				 Type 11		 Type 16		 Type 21

The indicated outputs at ΔT 50 are exact values, measured in accordance with EN442. This table provides a calculated value using an average correction factor for all other ΔT outputs, valid for all dimensions.

Click www.jaga.com/selection-tools/ to download the calculation tools with the exact outputs. The online calculation tools are kept up to date with the most recent data. Minor output differences between printed tables and the different online calculation tools are therefore completely normal and within the margins of tolerance imposed by the standard.

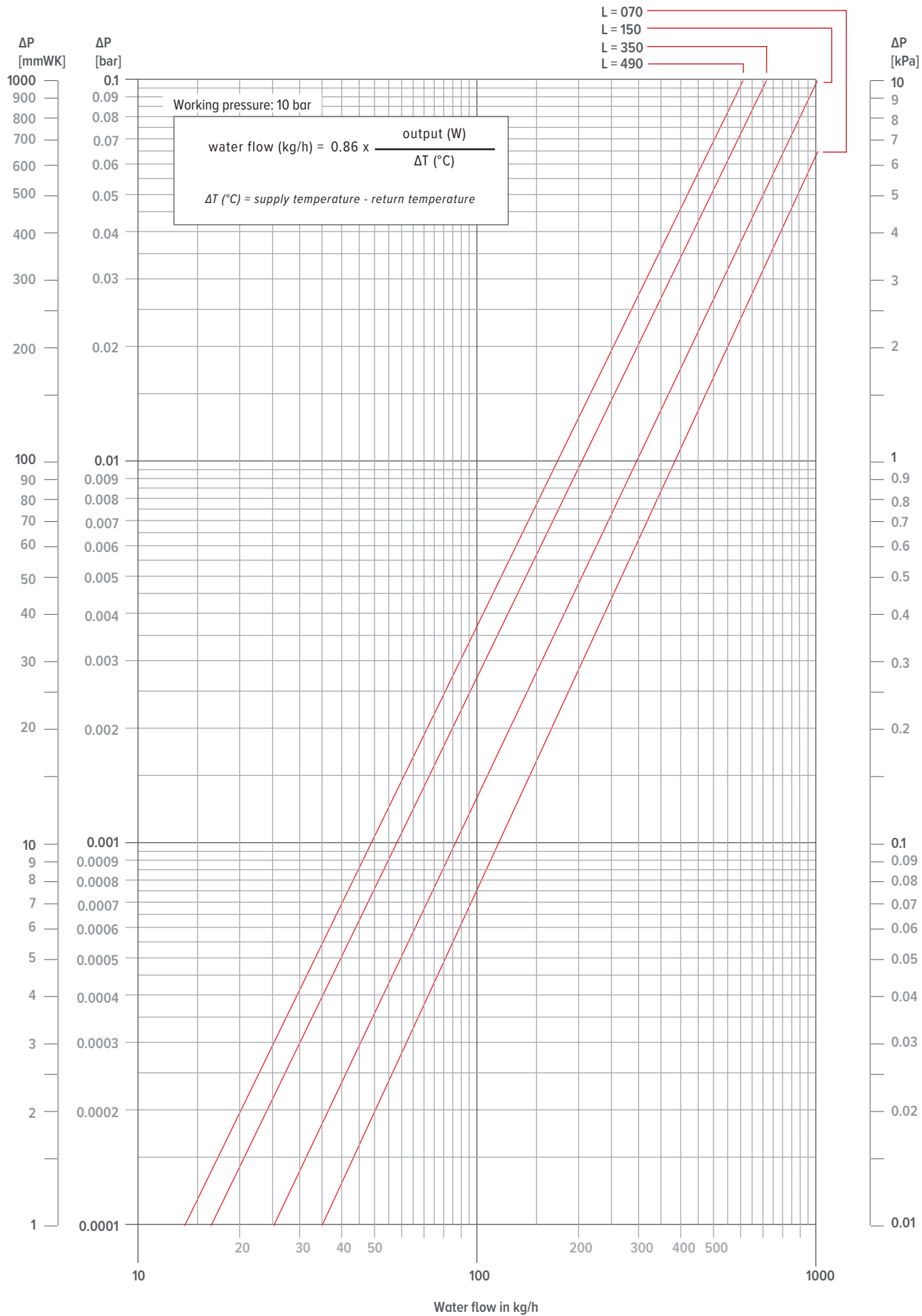
AVERAGE CORRECTION FACTORS FOR STATIC PRODUCTS ACCORDING TO EN442 - 75/65/20°C

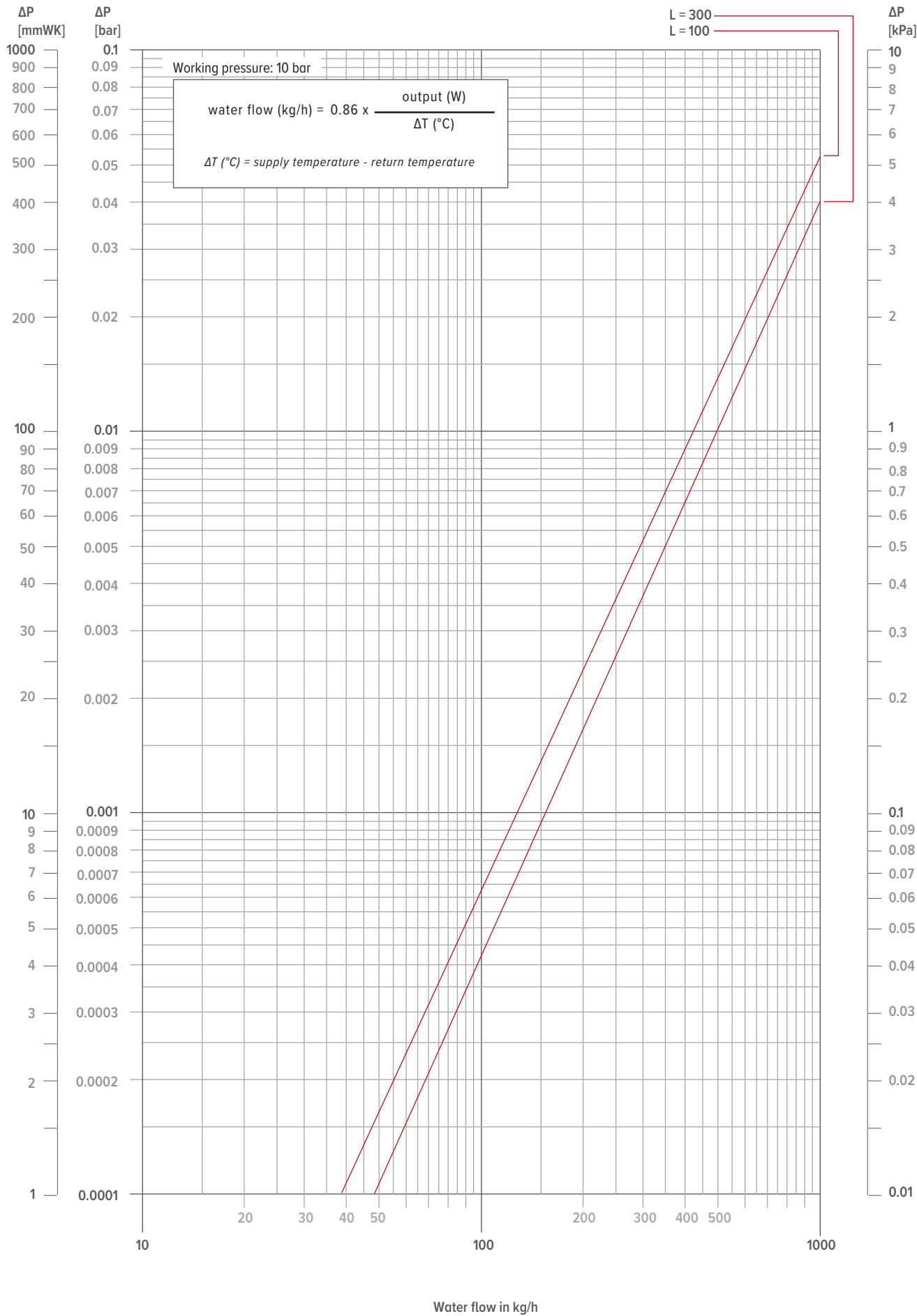
room temperature: 20°C										Average N-value: 1.36											
	TR	65	60	55	50	45	40	35	30	25		TR	65	60	55	50	45	40	35	30	25
TA											TA										
75		1.00	0.93	0.85	0.77	0.69	0.61	0.52	0.42	0.31	75		0.89	0.82	0.75	0.67	0.59	0.51	0.41	0.31	0.16
70		0.94	0.87	0.79	0.72	0.64	0.56	0.48	0.39	0.28	70		0.83	0.76	0.69	0.62	0.54	0.47	0.38	0.28	0.14
65			0.80	0.74	0.67	0.60	0.52	0.44	0.35	0.25	65			0.70	0.64	0.57	0.50	0.43	0.35	0.25	0.12
60				0.68	0.61	0.55	0.48	0.40	0.32	0.23	60				0.58	0.52	0.45	0.38	0.31	0.23	0.11
55					0.56	0.50	0.43	0.36	0.29	0.20	55					0.47	0.41	0.34	0.28	0.20	0.09
50						0.44	0.38	0.32	0.25	0.18	50						0.36	0.30	0.24	0.17	0.08
45							0.34	0.28	0.22	0.15	45							0.26	0.20	0.14	0.06
40								0.24	0.19	0.13	40								0.17	0.12	0.05
35									0.15	0.10	35									0.09	0.03
30										0.07	30										0.02

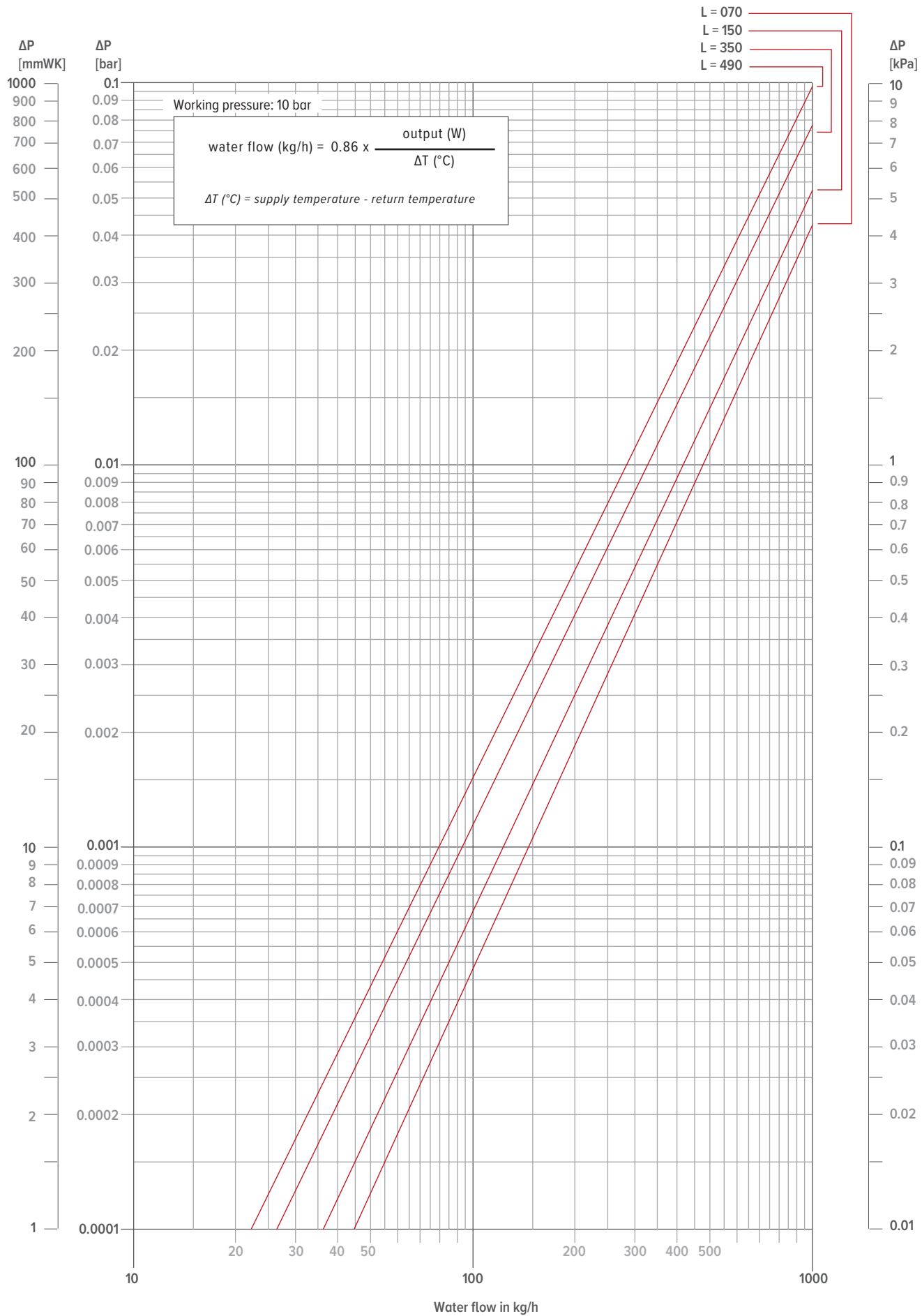
room temperature: 24°C										Average N-value: 1.36											
	TR	65	60	55	50	45	40	35	30	25		TR	65	60	55	50	45	40	35	30	25
TA											TA										
75											75		0.89	0.82	0.75	0.67	0.59	0.51	0.41	0.31	0.16
70											70		0.83	0.76	0.69	0.62	0.54	0.47	0.38	0.28	0.14
65											65			0.70	0.64	0.57	0.50	0.43	0.35	0.25	0.12
60											60				0.58	0.52	0.45	0.38	0.31	0.23	0.11
55											55					0.47	0.41	0.34	0.28	0.20	0.09
50											50						0.36	0.30	0.24	0.17	0.08
45											45							0.26	0.20	0.14	0.06
40											40								0.17	0.12	0.05
35											35									0.09	0.03
30											30										0.02

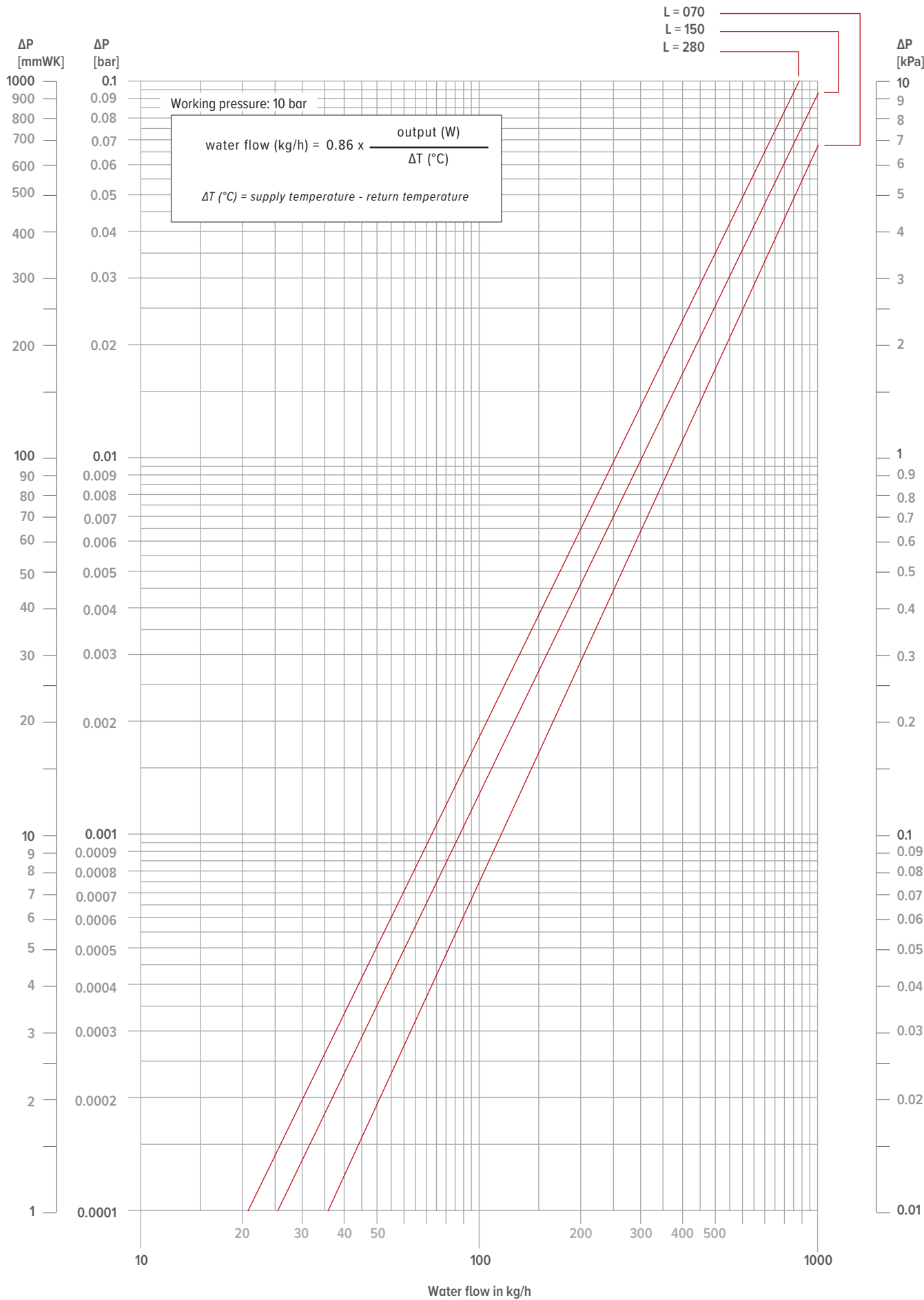
GUIDELINE FOR LIMITING FLOW NOISE

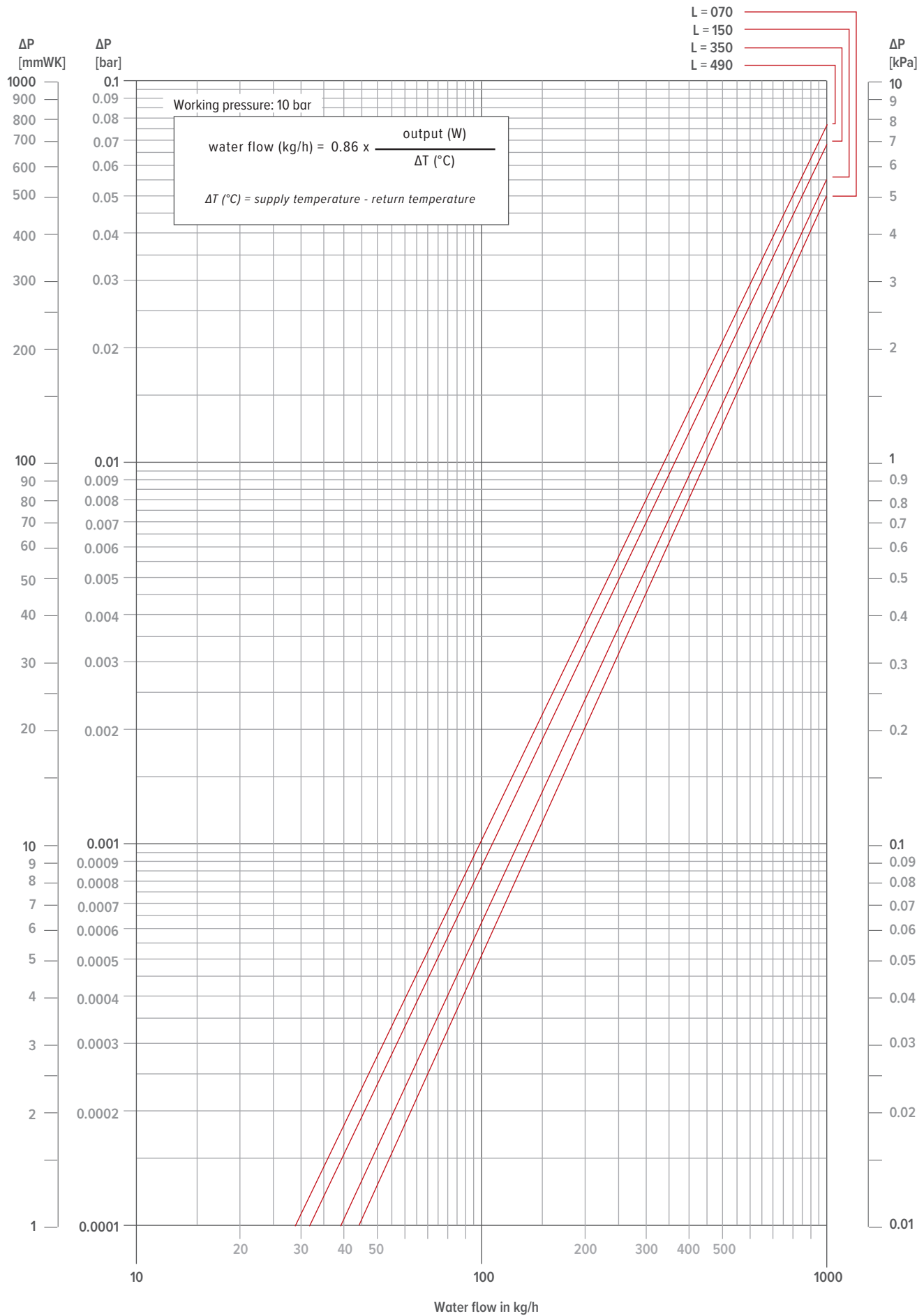
						Maximum power at ΔT (° C) (T supply - T return)						
TUBE	outer Ø	Wall thick-ness	Max. water speed (EN10255)	water content per metre	max. water flow	ΔT 30	ΔT 20	ΔT 10	ΔT 5	ΔT 4	ΔT 3	ΔT 2
	mm	mm	m/s	l	kg/h	Watts	Watts	Watts	Watts	Watts	Watts	Watts
GALVANISED PIPE DIN 2440												
3/8 DN10 OD	17.2	2.35	0.40	0.12	173	6028	4019	2009	1005	804	603	402
1/2 DN15 OD	21.3	2.65	0.40	0.20	288	10046	6698	3349	1674	1340	1005	670
3/4 DN20 OD	26.9	2.65	0.42	0.37	559	19515	13010	6505	3253	2602	1952	1301
1 DN25 OD	33.7	3.25	0.49	0.58	1023	35690	23793	11897	5948	4759	3569	2379
1 1/4 DN32 OD	42.4	3.25	0.60	1.01	2182	76101	50734	25367	12684	10147	7610	5073
1 1/2 DN40 OD	48.3	3.25	0.66	1.37	3255	113549	75700	37850	18925	15140	11355	7570
2 DN50 OD	60.3	3.65	0.80	2.21	6365	222025	148017	74008	37004	29603	22203	14802
PRECISION METAL TUBE												
10/1	10	1.00	0.40	0.05	72	2512	1674	837	419	335	251	167
12/1	12	1.00	0.40	0.08	115	4019	2679	1340	670	536	402	268
14/1	14	1.00	0.40	0.11	158	5526	3684	1842	921	737	553	368
15/1	15	1.00	0.40	0.13	187	6530	4353	2177	1088	871	653	435
16/1	16	1.00	0.40	0.15	216	7535	5023	2512	1256	1005	753	502
18/1	18	1.00	0.40	0.20	288	10046	6698	3349	1674	1340	1005	670
22/1	22	1.00	0.40	0.31	446	15572	10381	5191	2595	2076	1557	1038
28/1	28	1.00	0.47	0.53	904	31522	21014	10507	5254	4203	3152	2101
RPE/ALU												
12/2	12	2.00	0.40	0.05	72	2512	1674	837	419	335	251	167
14/2	14	2.00	0.40	0.08	115	4019	2679	1340	670	536	402	268
16/1.5	16	1.50	0.40	0.13	187	6530	4353	2177	1088	871	653	435
16/2	16	2.00	0.40	0.11	158	5526	3684	1842	921	737	553	368
17/2	17	2.00	0.40	0.13	187	6530	4353	2177	1088	871	653	435
18/2	18	2.00	0.40	0.15	216	7535	5023	2512	1256	1005	753	502
20/2	20	2.00	0.40	0.20	288	10046	6698	3349	1674	1340	1005	670
26/3	26	3.00	0.40	0.31	446	15572	10381	5191	2595	2076	1557	1038
32/3	32	3.00	0.47	0.53	904	31522	21014	10507	5254	4203	3152	2101
40/3.5	40	3.50	0.56	0.86	1726	60220	40147	20073	10037	8029	6022	4015
50/4.25	50	4.25	0.66	1.35	3206	111824	74549	37275	18637	14910	11182	7455
63/5	63	5.00	0.80	2.21	6346	221359	147573	73786	36893	29515	22136	14757

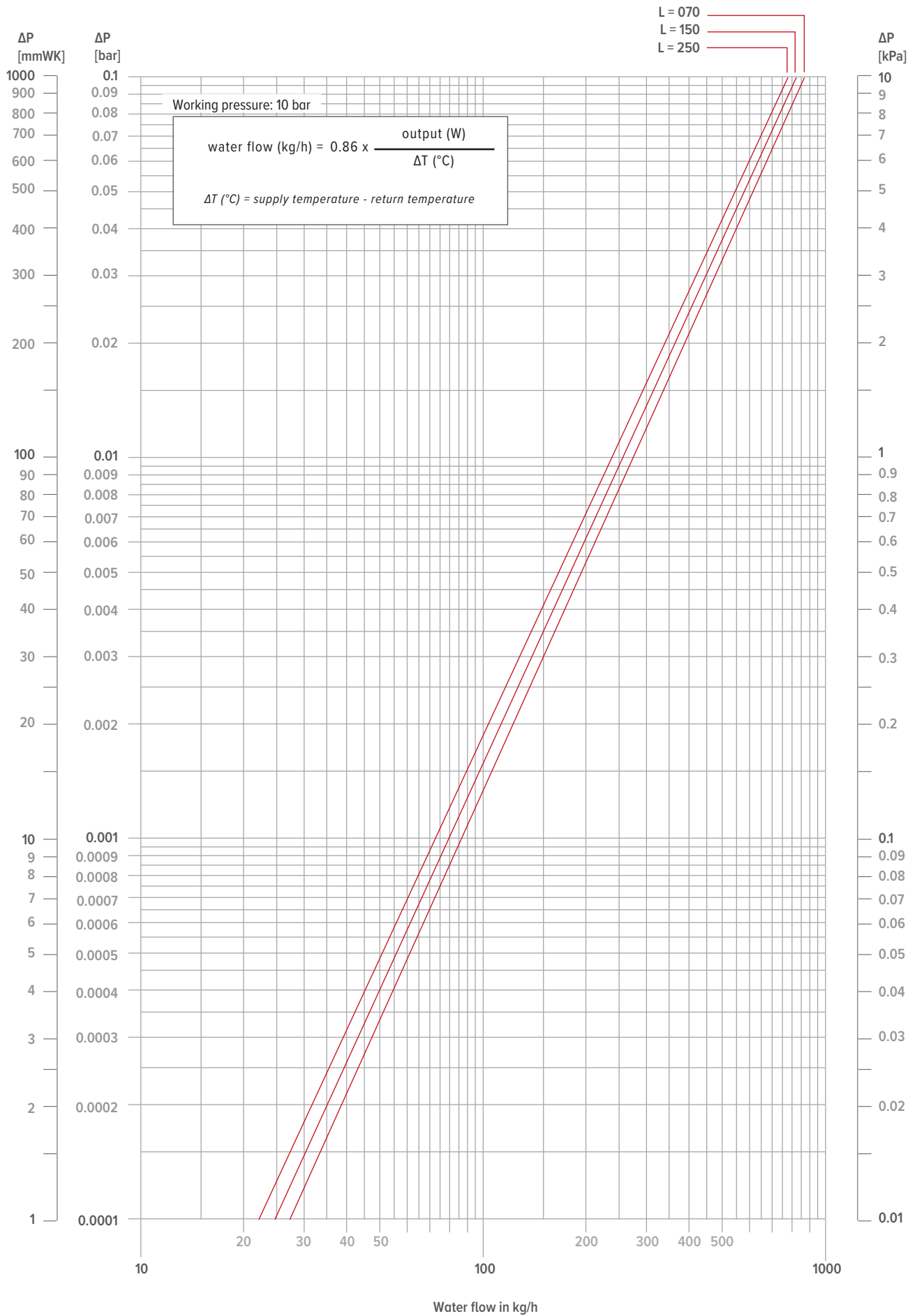


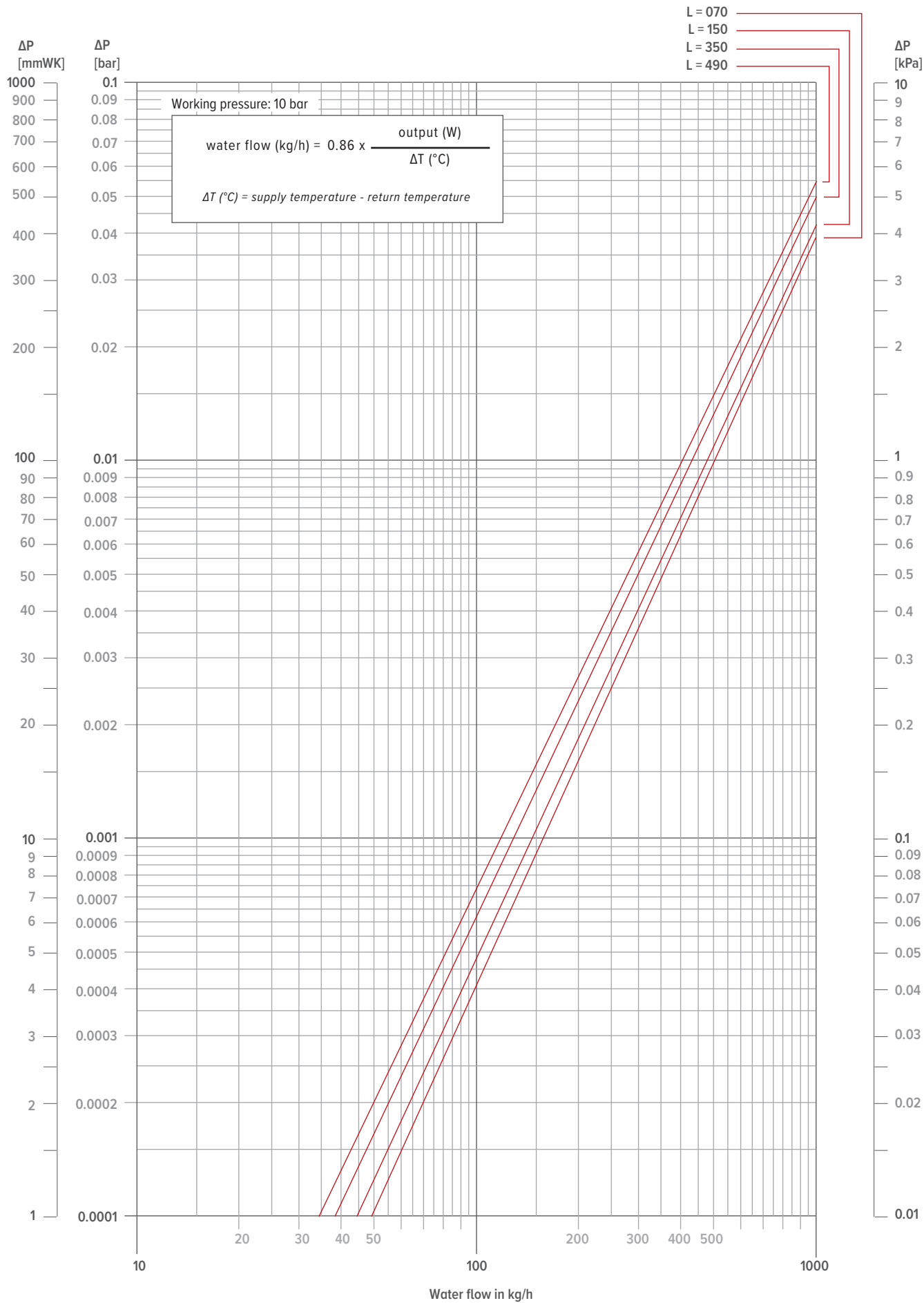


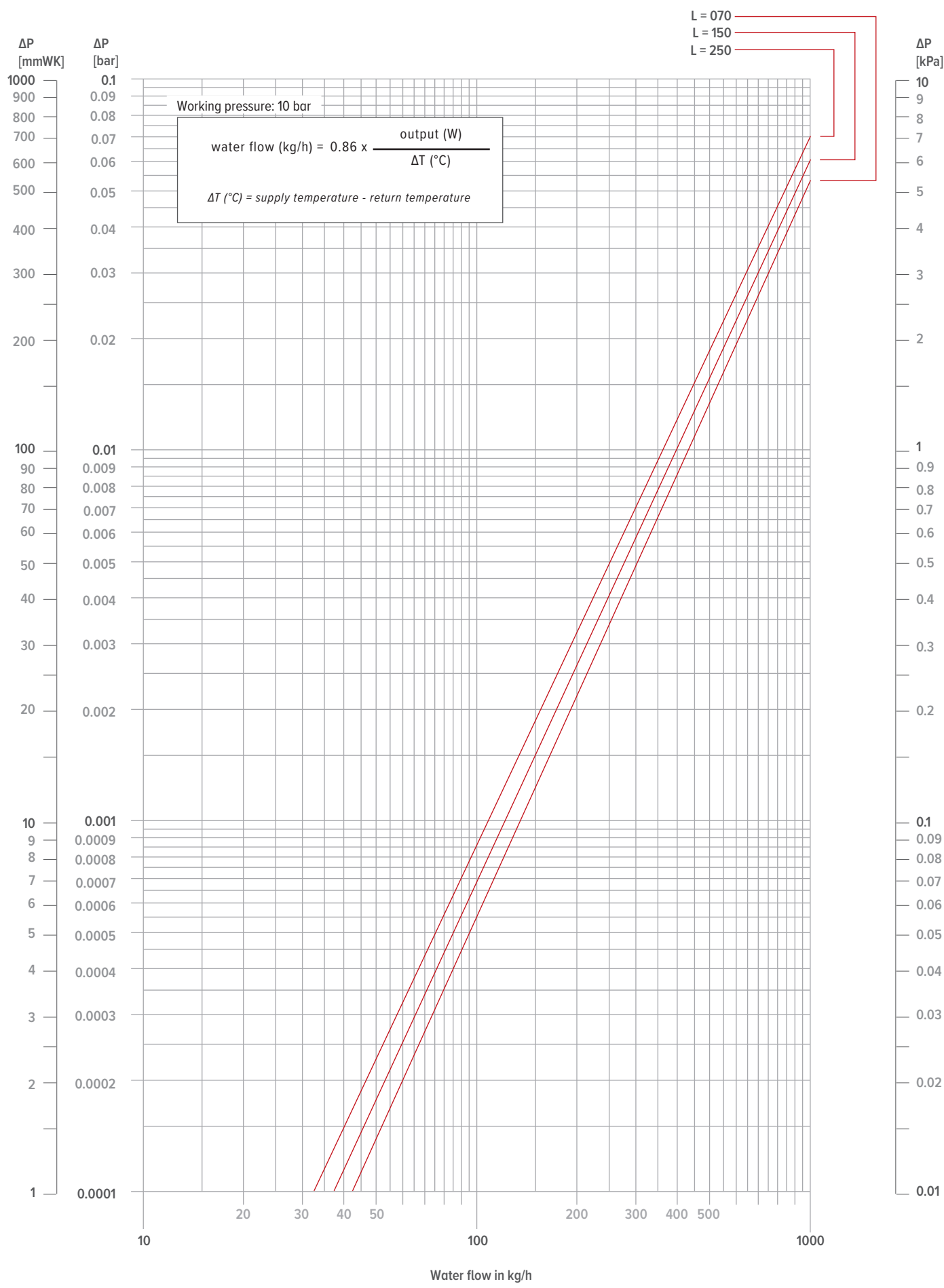














JAGA INTERNATIONAL JAGA NV

In need of some advice? Make an appointment at the Jaga Advice Centre.

Verbindingslaan 16
3590 Diepenbeek

+32 (0) 11 29 41 12

export@jaga.be
jaga.com