

AV 13s



Kcal = Watt x 0.860
BTU = Watt x 3.413

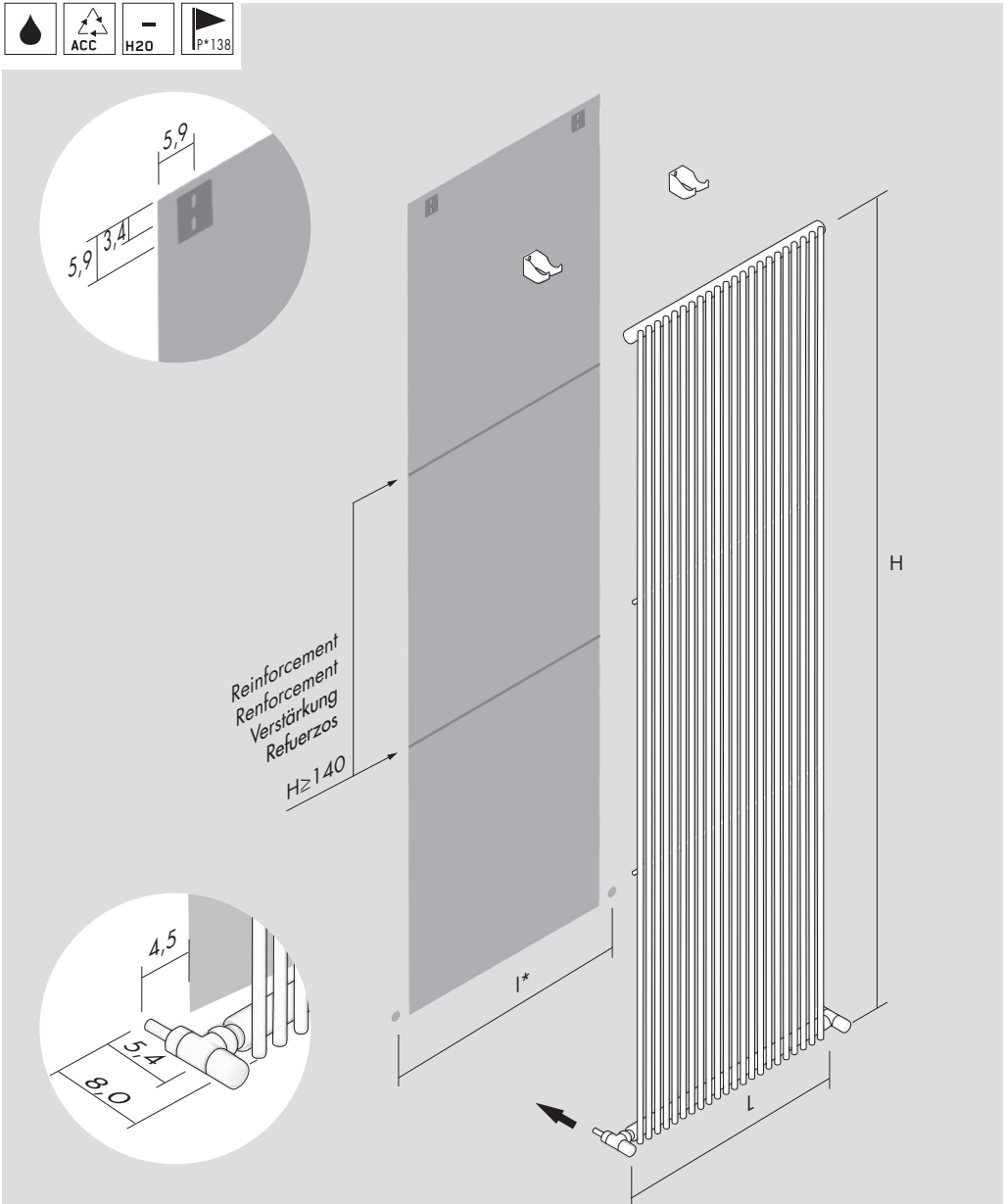
Watt Δt 60° = Watt Δt 50° x 1.259
Watt Δt 40° = Watt Δt 50° x 0.754
Watt Δt 30° = Watt Δt 50° x 0.525
Watt Δt 20° = Watt Δt 50° x 0.314

p max = 10.0 bar

Colours / Couleurs / Farbe / Colores

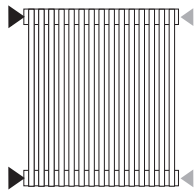
[B] Standard
[T] + 10%
[S] + 20%

For further details see page 85 / Pour plus d'informations consultez la page 85 / Sie können für eventuelle Rückfragen auf Seite 85 konsultieren / Para otras informaciones ver la página 85.

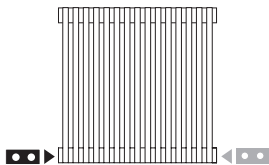


Standard connection / Raccord standard
Standard Anschluss / Conexión estándar

[X]

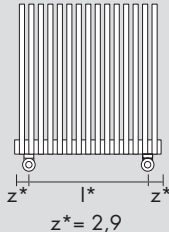


[XM_]

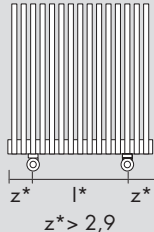


Special connection / Raccord spéciale / Speziell Anschluss / Conexión especial

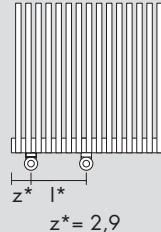
[B]



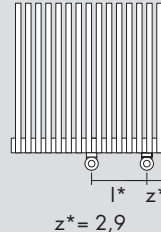
[E]



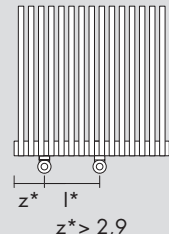
[S] ⚠ (P* 230)



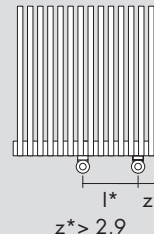
[D] ⚠ (P* 230)



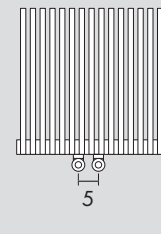
[PS] ⚠ (P* 230)



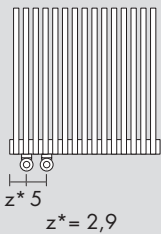
[PD] ⚠ (P* 230)



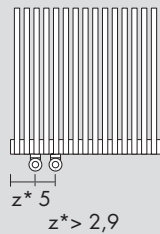
[5]



[5_] ⚠ (P* 230)



[P5_] ⚠ (P* 230)



Replace _ with connection S (Left) or D (Right). / Remplacer le _ avec raccordement S (Gauche) ou D (Droite). / Um linker oder rechter Anschluss zu bestellen, bitte das Symbol _ mit S (links) oder D (rechts) ersetzen. / Sustituir el _ con las conexiones S (Izquierda) o D (Derecha).

I* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones

AV 13s [B]

UNI EN 442 Δt 50° 75°/65°/20°

No. el.	H		I*	40	50	60	70	80	100	120	140	150	160	170	180	200	210	220	240
	L																		
6	15.2	24.2		81	98	115	133	149	184	218	252	267	283	299	315	347	362	378	409
8	20.0	29.0		108	130	154	177	199	245	290	336	356	378	398	420	462	483	504	546
10	24.8	33.8		135	163	192	221	249	306	363	420	445	472	498	525	578	604	630	682
12	29.6	38.6		162	196	230	265	299	367	436	504	534	566	598	630	694	725	756	818
14	34.4	43.4		189	228	269	309	349	428	508	588	623	661	697	735	809	846	882	955
16	39.2	48.2		216	261	307	354	398	490	581	672	712	755	797	840	925	966	1008	1091
18	44.0	53.0		243	293	346	398	448	551	653	756	801	850	896	945	1040	1087	1134	1228
20	48.8	57.8		270	326	384	442	498	612	726	840	890	944	996	1050	1156	1208	1260	1364
22	53.6	62.6		297	359	422	486	548	673	799	924	979	1038	1096	1155	1272	1329	1386	1500
24	58.4	67.4		324	391	461	530	598	734	871	1008	1068	1133	1195	1260	1387	1450	1512	1637
26	63.2	72.2		351	424	499	575	647	796	944	1092	1157	1227	1295	1365	1503	1570	1638	1773
28	68.0	77.0		378	456	538	619	697	857	1016	1176	1246	1322	1394	1470	1618	1691	1764	1910
30	72.8	81.8		405	489	576	663	747	918	1089	1260	1335	1416	1494	1575	1734	1812	1890	2046
32	77.6	86.6		432	522	614	707	797	979	1162	1344	1424	1510	1594	1680	1850	1933	2016	2182
34	82.4	91.4		459	554	653	751	847	1040	1234	1428	1513	1605	1693	1785	1965	2054	2142	2319
36	87.2	96.2		486	587	691	796	896	1102	1307	1512	1602	1699	1793	1890	2081	2174	2268	2455
38	92.0	101.0		513	619	730	840	946	1163	1379	1596	1691	1794	1892	1995	2196	2295	2394	2592
40	96.8	105.8		540	652	768	884	996	1224	1452	1680	1780	1888	1992	2100	2312	2416	2520	2728
42	101.6	110.6		567	685	806	928	1046											
44	106.4	115.4		594	717	845	972	1096											
46	111.2	120.2		621	750	883	1017	1145											
48	116.0	125.0		648	782	922	1061	1195											
50	120.8	129.8		675	815	960	1105	1245											
I*				36 cm	46 cm	56 cm	66 cm	76 cm	96 cm	116 cm	136 cm	146 cm	156 cm	166 cm	176 cm	196 cm	206 cm	216 cm	236 cm
Li*				0.073	0.082	0.091	0.099	0.108	0.125	0.142	0.160	0.168	0.177	0.186	0.194	0.212	0.220	0.229	0.246

For other dimensions than those indicated, ask for feasibility and quotation.
Pour les dimensions differente par rapport à celles ci, demander la disponibilité et le prix.
Für Größen, die anders sind als die angegebene, bitte Durchführbarkeit und Preis nachfragen
Para medidas diferentes a las indicadas, consultar con fabrica disponibilidad y precio



(P* = 224)

Angled Valve
Vanne équerre
Eckausführung Ventil
Válvula a escuadra

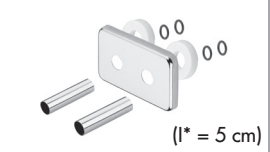
[BIAN] **E12SQB**
[CROM] **E12SQR**



(P* = 226)

Thermostatic head
Tête thermostatique
Thermostatkopf
Cabezal termostático

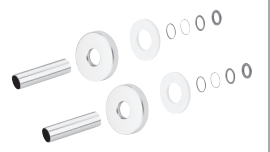
[BIAN] **TTB**
[CROM] **TTR**



(I* = 5 cm)

Sleeving kit
Kit couvre tuyau
Rosetten
Kit cubre tubo

[BIAN] **C5B**
[CROM] **C5R**



Ø ≤ 16 mm
[BIAN] **CTB**
[CROM] **CTR**

16 mm < Ø < 24 mm
[BIAN] **CWB**
[CROM] **CWR**



(2 pz.)
(P* = 220)

Towel hooks
Paire de patère
Crochet das Bugel
Percha

[CROM] **BA13R**
[COLOUR] **BA13C**
[GOLD] **BA13G**

I* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones
Li* = water content for each element / volume d'eau pour chaque element / Wassergehalt für Element / contenido de agua por cada elemento

AV 13s CROM

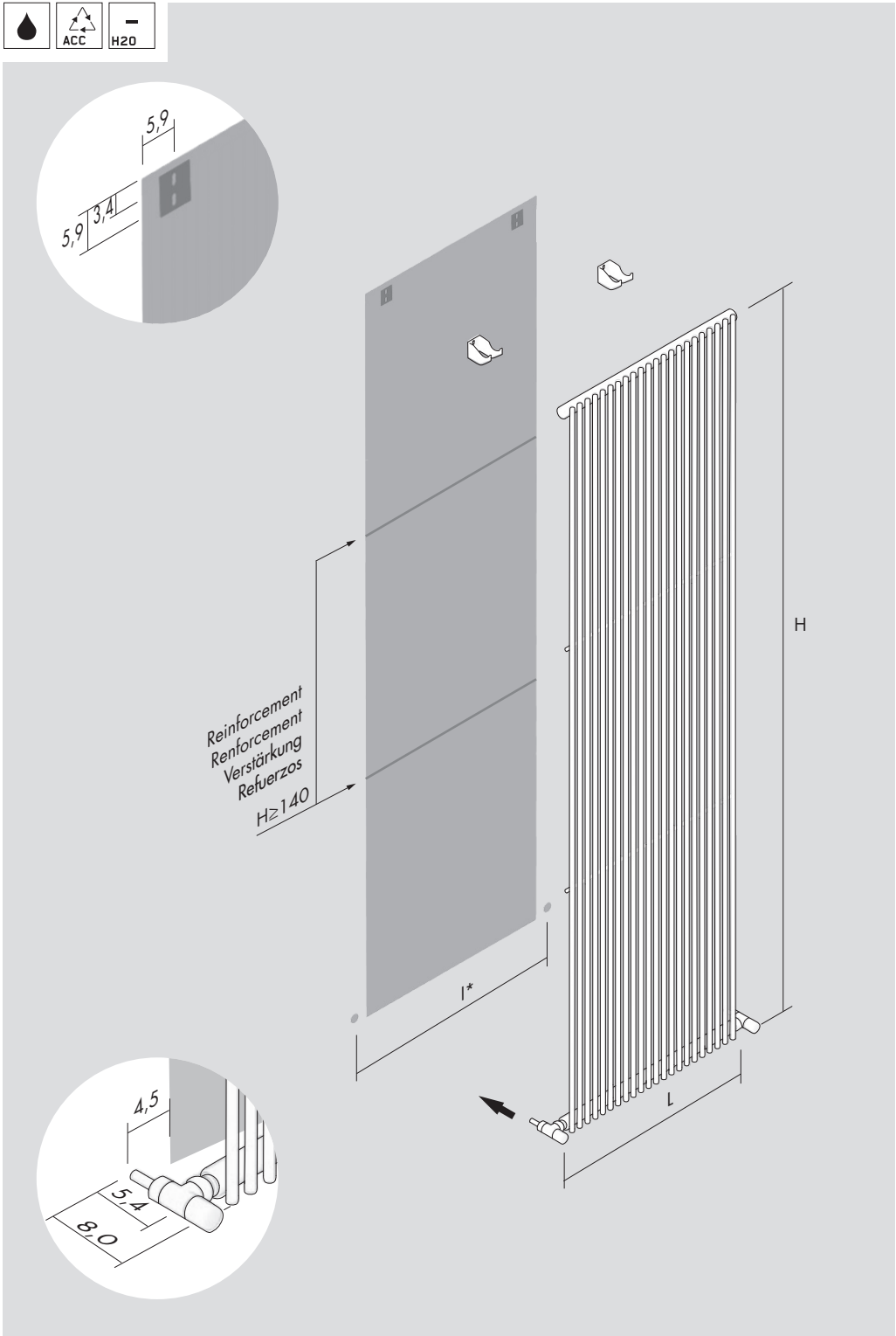


$Kcal = Watt \times 0.860$
 $BTU = Watt \times 3.413$

$Watt \Delta t 60^\circ = Watt \Delta t 50^\circ \times 1.259$
 $Watt \Delta t 40^\circ = Watt \Delta t 50^\circ \times 0.754$
 $Watt \Delta t 30^\circ = Watt \Delta t 50^\circ \times 0.525$
 $Watt \Delta t 20^\circ = Watt \Delta t 50^\circ \times 0.314$

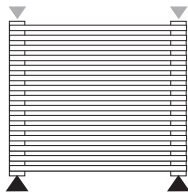
$p_{max} = 10.0 \text{ bar}$

For further details see page 85 / Pour plus d'informations consultez la page 85 / Sie können für eventuelle Rückfragen auf Seite 85 konsultieren / Para otras informaciones ver la página 85.

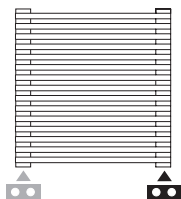


Standard connection / Raccord standard / Standard Anschluss / Conexión estándar

[X]



[XM_]



Replace _ with connection S (Left) or D (Right). / Remplacer le _ avec raccordement S (Gauche) ou D (Droite). / Um linker oder rechter Anschluss zu bestellen, bitte das Symbol _ mit S (links) oder D (rechts) ersetzen. / Sustituir el _ con las conexiones S (Izquierda) o D (Derecha).

I* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones

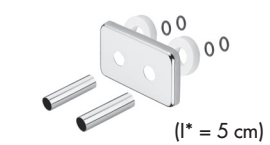
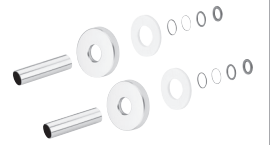
Lt* = water content for each element / volume d'eau pour chaque element / Wassergehalt für Element / contenido de agua por cada elemento

AV 13s CROM

Watt Δt 50°

No. el.	H L	I*	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190
6	15.2	24.2	54	66	77	89	100	112	123	134	146	158	169	179	190	200	211	222
8	20.0	29.0	72	87	103	118	133	149	164	179	195	210	225	239	253	267	281	295
10	24.8	33.8	90	109	129	148	167	186	205	224	243	263	281	298	316	334	352	369
12	29.6	38.6	109	131	154	178	200	224	246	269	292	315	338	358	379	400	422	443
14	34.4	43.4	127	153	180	207	234	261	287	313	340	368	394	417	443	467	492	517
16	39.2	48.2	145	175	206	237	267	298	328	358	389	420	450	477	506	534	563	591
18	44.0	53.0	163	197	232	267	300	335	369	403	438	473	507	537	569	601	633	665
20	48.8	57.8	181	218	257	296	334	373	410	448	486	525	563	596	632	667	704	738
22	53.6	62.6	199	240	283	326	367	410	451	492	535	578	619	656	696	734	774	812
24	58.4	67.4	217	262	309	355	400	447	492	537	584	630	675	716	759	801	844	886
I*			36 cm	46 cm	56 cm	66 cm	76 cm	86 cm	96 cm	106 cm	116 cm	126 cm	136 cm	146 cm	156 cm	166 cm	176 cm	186 cm
Li*			0.073	0.082	0.091	0.099	0.108	0.116	0.125	0.134	0.142	0.151	0.160	0.168	0.177	0.186	0.194	0.203

Optional

 (P* = 224) Angled Valve Vanne équerre Eckausführung Ventil Válvula a escuadra [BIAN] E12SQB [CROM] E12SQR	 (P* = 226) Thermostatic head Tête thermostatique Thermostatkopf Cabezal termostático [BIAN] TTB [CROM] TTR	 (I* = 5 cm) Sleeving kit Kit couvre tuyau Rosetten Kit cubre tubo [BIAN] C5B [CROM] C5R	 Ø ≤ 16 mm [BIAN] CTB [CROM] CTR 16 mm < Ø < 24 mm [BIAN] CWB [CROM] CWR	 (2 pz.) (P* = 220) Towel hooks Paire de patère Crochet das Bugel Percha [CROM] BA13R [COLOUR] BA13C [GOLD] BA13G
---	--	---	---	---

I* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones
Li* = water content for each element / volume d'eau pour chaque element / Wassergehalt für Element / contenido de agua por cada elemento

AO 13s



Kcal = Watt x 0.860
BTU = Watt x 3.413

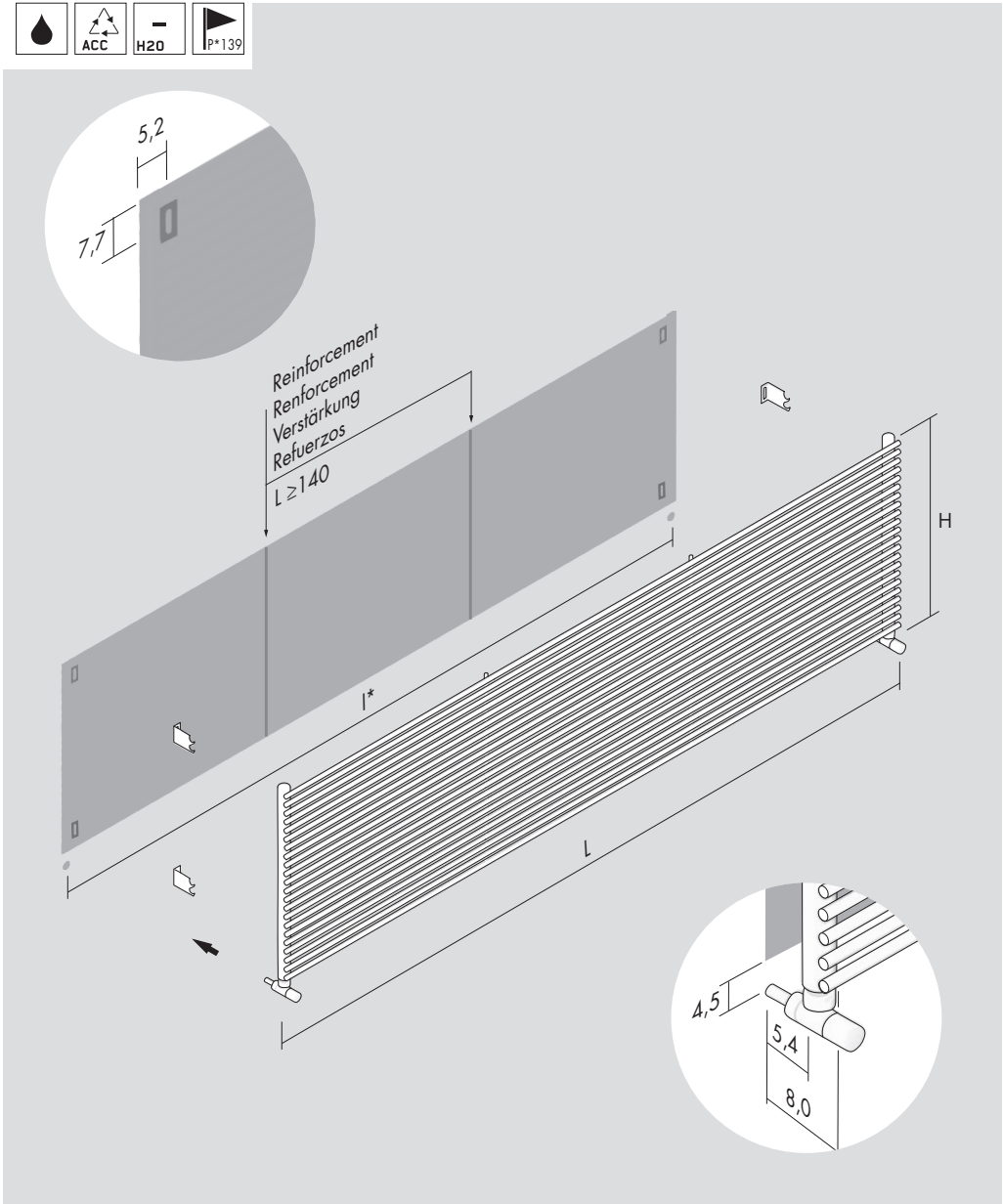
Watt Δt 60° = Watt Δt 50° x 1.241
Watt Δt 40° = Watt Δt 50° x 0.768
Watt Δt 30° = Watt Δt 50° x 0.546
Watt Δt 20° = Watt Δt 50° x 0.338

p max = 10.0 bar

Colours / Couleurs / Farbe / Colores

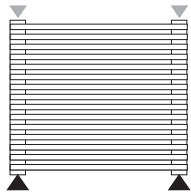
- [B] Standard
- [T] + 10%
- [S] + 20%

For further details see page 85 / Pour plus d'informations consultez la page 85 / Sie können für eventuelle Rückfragen auf Seite 85 konsultieren / Para otras informaciones ver la página 85.

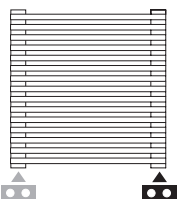


Standard connection / Raccord standard
Standard Anschluss / Conexión estándar

[X]

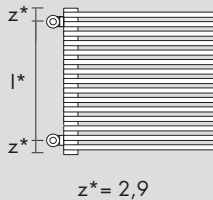


[XM_]

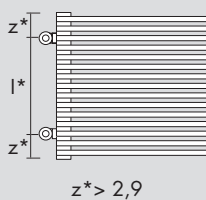


Special connection / Raccord spéciale / Speziell Anschluss / Conexión especial

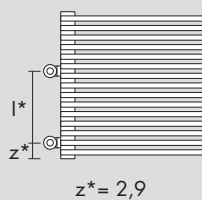
[C_]



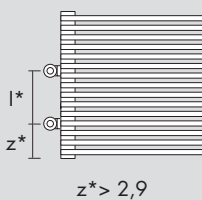
[E_]



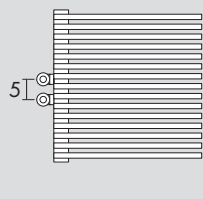
[G_]



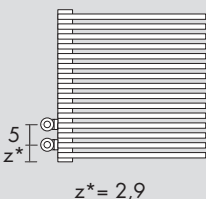
[M_]



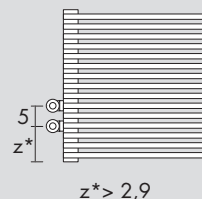
[C5_]



[G5_]



[M5_]



Replace _ with connection S (Left) or D (Right). / Remplacer le _ avec raccordement S (Gauche) ou D (Droite). / Um linker oder rechter Anschluss zu bestellen, bitte das Symbol _ mit S (links) oder D (rechts) ersetzen. / Sustituir el _ con las conexiones S (Izquierda) o D (Derecha).

I* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones

AO 13s [B]

UNI EN 442 Δt 50° 75°/65°/20°

No. el.	L H		I*	40	50	60	70	80	100	120	140	150	160	170	180	200	210	220	240
6	15.2	24.2		77	96	116	135	154	193	231	270	289	308	327	347	385	404	424	462
8	20.0	29.0		103	128	154	180	205	257	308	360	385	411	437	462	514	539	565	616
10	24.8	33.8		128	161	193	225	257	321	385	449	482	514	546	578	642	674	706	770
12	29.6	38.6		154	193	231	270	308	385	462	539	578	616	655	693	770	809	847	924
14	34.4	43.4		180	225	270	315	360	449	539	629	674	719	764	809	899	944	989	1079
16	39.2	48.2		205	257	308	360	411	514	616	719	770	822	873	924	1027	1079	1130	1233
18	44.0	53.0		231	289	347	404	462	578	693	809	867	924	982	1040	1156	1213	1271	1387
20	48.8	57.8		257	321	385	449	514	642	770	899	963	1027	1091	1156	1284	1348	1412	1541
22	53.6	62.6		282	353	424	494	565	706	847	989	1059	1130	1201	1271	1412	1483	1554	1695
24	58.4	67.4		308	385	462	539	616	770	924	1079	1156	1233	1310	1387	1541	1618	1695	1849
26	63.2	72.2		334	417	501	584	668	835	1002	1168	1252	1335	1419	1502	1669	1753	1836	2003
28	68.0	77.0		360	449	539	629	719	899	1079	1258	1348	1438	1528	1618	1798	1887	1977	2157
30	72.8	81.8		385	482	578	674	770	963	1156	1348	1445	1541	1637	1734	1926	2023	2119	2311
32	77.6	86.6		413	517	620	724	827	1034	1240	1447	1550	1654	1757	1860	2067	2171	2274	2481
34	82.4	91.4		437	546	655	765	874	1092	1311	1529	1638	1748	1857	1966	2185			
36	87.2	96.2		460	576	691	806	921	1151	1381	1611	1727	1842	1957	2072	2302			
38	92.0	101.0		489	611	733	855	977	1222	1466	1710	1832	1954	2077	2199	2443			
40	96.8	105.8		512	640	768	896	1024	1280	1536	1792	1920	2048	2176	2304	2561			
42	101.6	110.6		536	670	803	937	1071											
44	106.4	115.4		563	704	845	986	1126											
46	111.2	120.2		586	733	879	1026	1172											
48	116.0	125.0		609	762	914	1066	1218											
50	120.8	129.8		637	796	955	1114	1274											
I*			36 cm	46 cm	56 cm	66 cm	76 cm	96 cm	116 cm	136 cm	146 cm	156 cm	166 cm	176 cm	196 cm	206 cm	216 cm	236 cm	
Li*			0.073	0.082	0.091	0.099	0.108	0.125	0.142	0.160	0.168	0.177	0.186	0.194	0.212	0.220	0.229	0.246	

For other dimensions than those indicated, ask for feasibility and quotation.
Pour les dimensions differente par rapport à celles ci, demander la disponibilité et le prix.
Für Größen, die anders sind als die angegebene, bitte Durchführbarkeit und Preis nachfragen
Para medidas diferentes a las indicadas, consultar con fabrica disponibilidad y precio



(P* = 224)

Angled Valve
Vanne équerre
Eckausführung Ventil
Válvula a escuadra

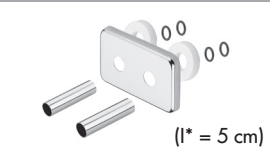
[BIAN] **E12SQB**
[CROM] **E12SQR**



(P* = 226)

Thermostatic head
Tête thermostatique
Thermostatkopf
Cabezal termostático

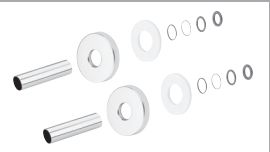
[BIAN] **TTB**
[CROM] **TTR**



(I* = 5 cm)

Sleeving kit
Kit couvre tuyau
Rosetten
Kit cubre tubo

[BIAN] **C5B**
[CROM] **C5R**



Ø ≤ 16 mm
[BIAN] **CTB**
[CROM] **CTR**

16 mm < Ø < 24 mm
[BIAN] **CWB**
[CROM] **CWR**



(2 pz.)
(P* = 220)

Towel hooks
Paire de patère
Crochet das Bugel
Percha

[CROM] **BA13R**
[COLOUR] **BA13C**
[GOLD] **BA13G**

I* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones
Li* = water content for each element / volume d’eau pour chaque element / Wassergehalt für Element / contenido de agua por cada elemento

AO 13s CROM

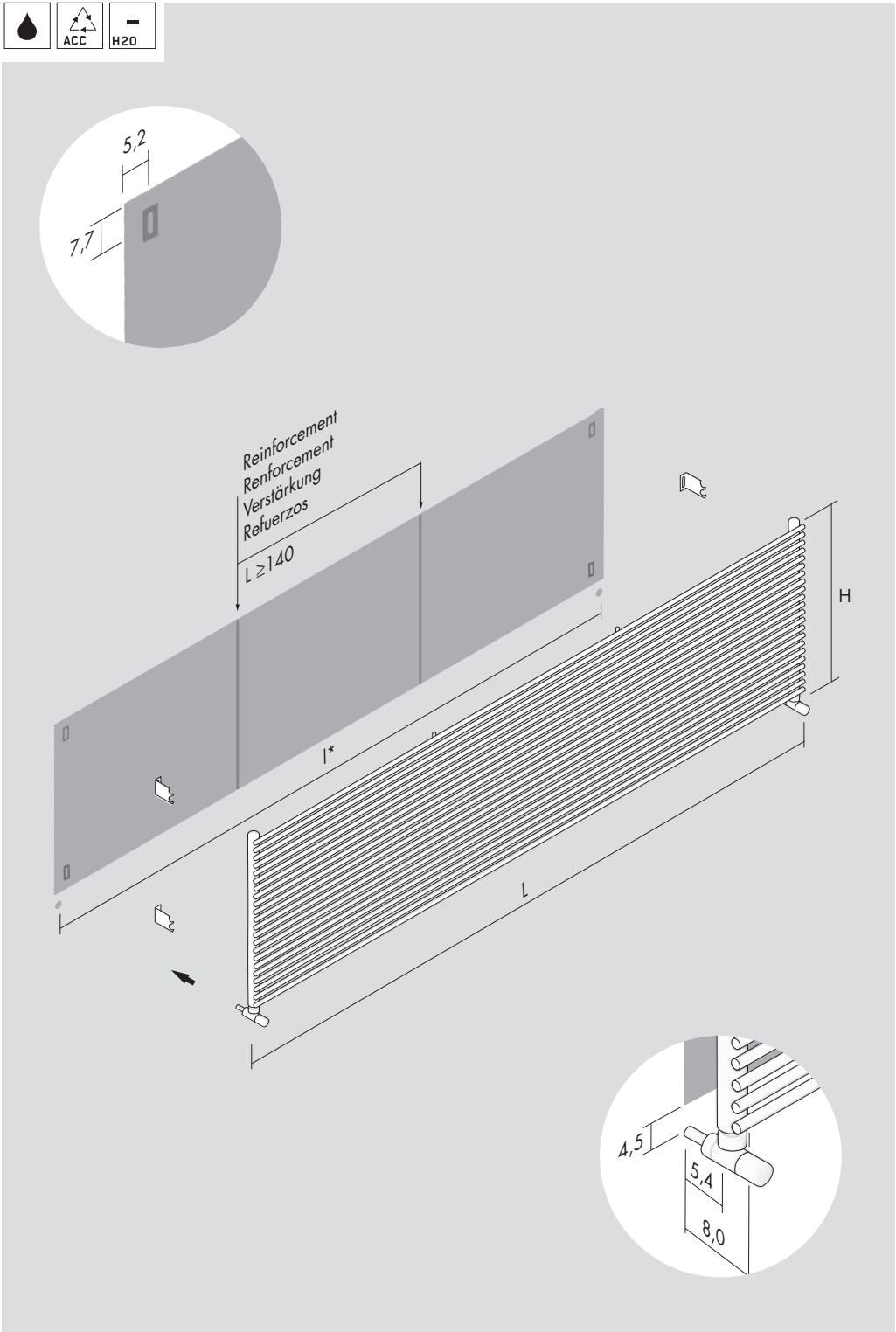


$Kcal = Watt \times 0.860$
 $BTU = Watt \times 3.413$

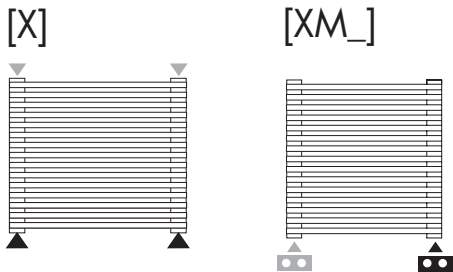
$Watt \Delta t 60^{\circ} = Watt \Delta t 50^{\circ} \times 1.241$
 $Watt \Delta t 40^{\circ} = Watt \Delta t 50^{\circ} \times 0.768$
 $Watt \Delta t 30^{\circ} = Watt \Delta t 50^{\circ} \times 0.546$
 $Watt \Delta t 20^{\circ} = Watt \Delta t 50^{\circ} \times 0.338$

$p_{max} = 10.0 \text{ bar}$

For further details see page 85 / Pour plus d'informations consultez la page 85 / Sie können für eventuelle Rückfragen auf Seite 85 konsultieren / Para otras informaciones ver la página 85.



Standard connection / Raccord standard / Standard Anschluss / Conexión estándar



Replace _ with connection S (Left) or D (Right). / Remplacer le _ avec raccordement S (Gauche) ou D (Droite). / Um linker oder rechter Anschluss zu bestellen, bitte das Symbol _ mit S (links) oder D (rechts) ersetzen. / Sustituir el _ con las conexiones S (Izquierda) o D (Derecha).

I* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones

AO 13s CROM

Watt Δt 50°

No el	L H		40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190
6	15 2	24 2	52	65	77	90	103	116	129	142	155	168	181	194	206	219	232	245
8	20 0	29 0	69	86	103	120	138	155	172	189	206	224	241	258	275	292	310	327
10	24 8	33 8	86	108	129	151	172	194	215	237	258	280	301	323	344	366	387	409
12	29 6	38 6	103	129	155	181	206	232	258	284	310	336	361	387	413	439	465	490
14	34 4	43 4	120	151	181	211	241	271	301	331	361	391	422	452	482	512	542	572
16	39 2	48 2	138	172	206	241	275	310	344	379	413	447	482	516	551	585	619	654
18	44 0	53 0	155	194	232	271	310	348	387	426	465	503	542	581	619	658	697	736
20	48 8	57 8	172	215	258	301	344	387	430	473	516	559	602	645	688	731	774	817
22	53 6	62 6	189	237	284	331	379	426	473	520	568	615	662	710	757	804	852	899
24	58 4	67 4	206	258	310	361	413	465	516	568	619	671	723	774	826	877	929	981
I*			36 cm	46 cm	56 cm	66 cm	76 cm	86 cm	96 cm	106 cm	116 cm	126 cm	136 cm	146 cm	156 cm	166 cm	176 cm	186 cm
Lt*			0.073	0.082	0.091	0.099	0.108	0.116	0.125	0.134	0.142	0.151	0.160	0.168	0.177	0.186	0.194	0.203

Optional



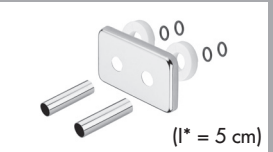
Angled Valve
Vanne équerre
Eckausführung Ventil
Válvula a escuadra

[BIAN] **E12SQB**
[CROM] **E12SQR**



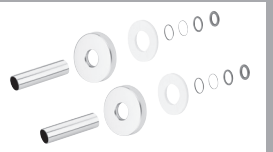
Thermostatic head
Tête thermostatique
Thermostatkopf
Cabezal termostático

[BIAN] **TTB**
[CROM] **TTR**



Sleeving kit
Kit couvre tuyau
Rosetten
Kit cubre tubo

[BIAN] **C5B**
[CROM] **C5R**



Ø ≤ 16 mm
[BIAN] **CTB**
[CROM] **CTR**

16 mm < Ø < 24 mm
[BIAN] **CWB**
[CROM] **CWR**



Towel hooks
Paire de patère
Crochet das Bugel
Percha
[CROM] **BA13R**
[COLOUR] **BA13C**
[GOLD] **BA13G**

I* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones
Lt* = water content for each element / volume d'eau pour chaque element / Wassergehalt für Element / contenido de agua por cada elemento

AV 13d



Kcal = Watt x 0.860
BTU = Watt x 3.413

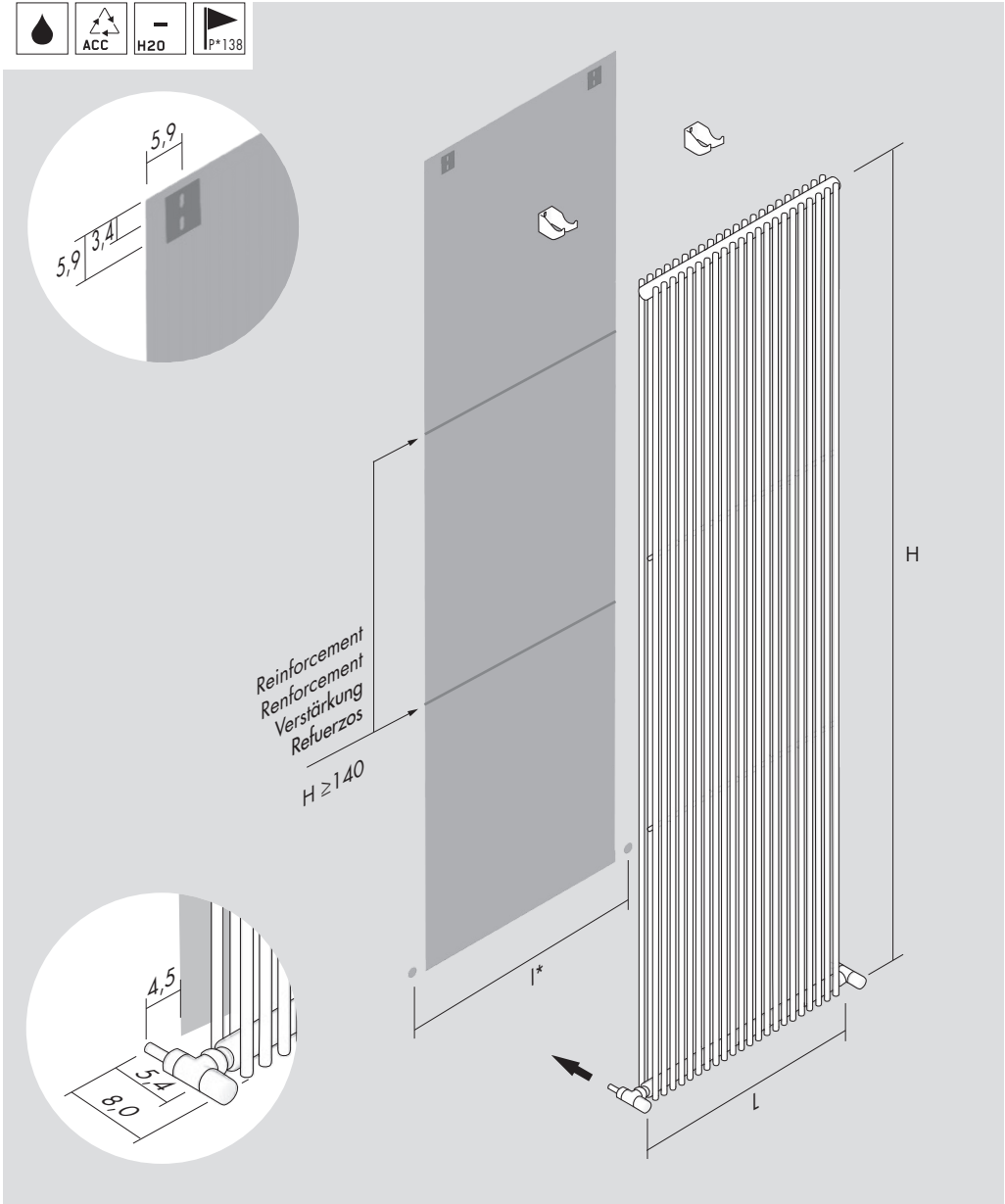
Watt Δt 60° = Watt Δt 50° x 1.267
Watt Δt 40° = Watt Δt 50° x 0.749
Watt Δt 30° = Watt Δt 50° x 0.516
Watt Δt 20° = Watt Δt 50° x 0.305

p max = 10.0 bar

Colours / Couleurs / Farbe / Colores

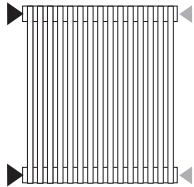
[B] Standard
[T] + 10%
[S] + 20%

For further details see page 85 / Pour plus d'informations consultez la page 85 / Sie können für eventuelle Rückfragen auf Seite 85 konsultieren / Para otras informaciones ver la página 85.

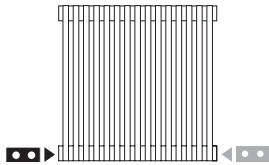


Standard connection / Raccord standard
Standard Anschluss / Conexión estándar

[X]



[XM_]



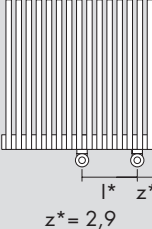
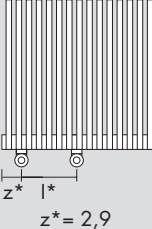
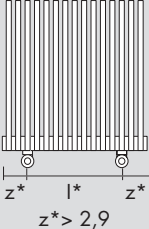
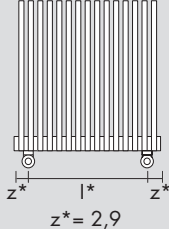
Special connection / Raccord spéciale / Speziell Anschluss / Conexión especial

[B]

[E]

[S] ⚠ (P* 230)

[D] ⚠ (P* 230)



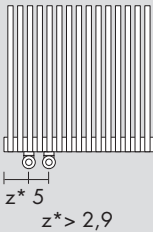
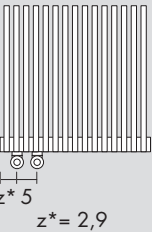
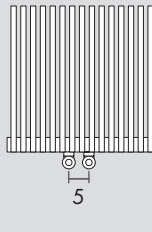
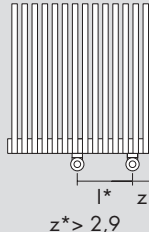
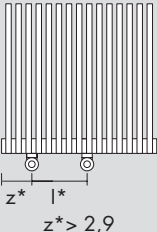
[PS] ⚠ (P* 230)

[PD] ⚠ (P* 230)

[5]

[5_] ⚠ (P* 230)

[P5_] ⚠ (P* 230)



Replace _ with connection S (Left) or D (Right). / Remplacer le _ avec raccordement S (Gauche) ou D (Droite). / Um linker oder rechter Anschluss zu bestellen, bitte das Symbol _ mit S (links) oder D (rechts) ersetzen. / Sustituir el _ con las conexiones S (Izquierda) o D (Derecha).

l* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones
lt* = water content for each element / volume d'eau pour chaque element / Wassergehalt für Element / contenido de agua por cada elemento

AV 13d [B]

UNI EN 442 Δt 50° 75°/65°/20°

No. el.	H L		I*	40	50	60	70	80	100	120	140	150	160	170	180	200	210	220	240
6	15.2	24.2		122	148	174	200	226	277	327	376	400	425	448	472	519	542	566	611
8	20.0	29.0		163	197	232	267	302	370	436	502	534	566	598	630	692	723	754	815
10	24.8	33.8		204	246	290	334	377	462	545	627	667	708	747	787	865	904	943	1019
12	29.6	38.6		245	295	348	401	452	554	654	752	800	850	896	944	1038	1085	1132	1223
14	34.4	43.4		286	344	406	468	528	647	763	878	934	991	1046	1102	1211	1266	1320	1427
16	39.2	48.2		326	394	464	534	603	739	872	1003	1067	1133	1195	1259	1384	1446	1509	1630
18	44.0	53.0		367	443	522	601	679	832	832	1129	1201	1274	1345	1417	1557	1627	1697	1834
20	48.8	57.8		408	492	580	668	754	924	924	1254	1334	1416	1494	1574	1730	1808	1886	2038
22	53.6	62.6		449	541	638	735	829	1016	1016	1379	1467	1558	1643	1731	1903	1989	2075	2242
24	58.4	67.4		490	590	696	802	905	1109	1109	1505	1601	1699	1793	1889	2076	2170	2263	2446
26	63.2	72.2		530	640	754	868	980	1201	1201	1630	1734	1841	1942	2046	2249	2350	2452	2649
28	68.0	77.0		571	689	812	935	1056	1294	1294	1756	1868	1982	2092	2204	2422	2531	2640	2853
30	72.8	81.8		612	738	870	1002	1131	1386	1386	1881	2001	2124	2241	2361	2595	2712	2829	3057
32	77.6	86.6		653	787	928	1069	1206	1478	1478	2006	2134	2266	2390	2518	2768	2893	3018	3261
34	82.4	91.4		694	836	986	1136	1282	1571	1571	2132	2268	2407	2540	2676	2941	3074	3206	3465
36	87.2	96.2		734	886	1044	1202	1357	1663	1663	2257	2401	2549	2689	2833	3114	3254	3395	3668
38	92.0	101.0		775	935	1102	1269	1433	1756	1756	2383	2535	2690	2839	2991	3287	3435	3583	3872
40	96.8	105.8		816	984	1160	1336	1508	1848	1848	2508	2668	2832	2988	3148	3460	3616	3772	4076
42	101.6	110.6		857	1033	1218	1403	1583											
44	106.4	115.4		898	1082	1276	1470	1659											
46	111.2	120.2		938	1132	1334	1536	1734											
48	116.0	125.0		979	1181	1392	1603	1810											
50	120.8	129.8		1020	1230	1450	1670	1885											
I*				36 cm	46 cm	56 cm	66 cm	76 cm	96 cm	116 cm	136 cm	146 cm	156 cm	166 cm	176cm	196 cm	206 cm	216 cm	236 cm
Li*				0.073	0.082	0.091	0.099	0.108	0.125	0.142	0.160	0.168	0.177	0.186	0.194	0.212	0.220	0.229	0.246

For other dimensions than those indicated, ask for feasibility and quotation.
Pour les dimensions differente par rapport à celles ci, demander la disponibilité et le prix.
Für Größen, die anders sind als die angegebene, bitte Durchführbarkeit und Preis nachfragen
Para medidas diferentes a las indicadas, consultar con fabrica disponibilidad y precio



(P* = 224)

Angled Valve
Vanne équerre
Eckausführung Ventil
Válvula a escuadra

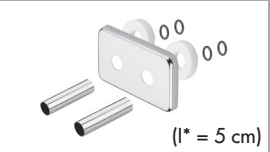
[BIAN] **E12SQB**
[CROM] **E12SQR**



(P* = 226)

Thermostatic head
Tête thermostatique
Thermostatkopf
Cabezal termostático

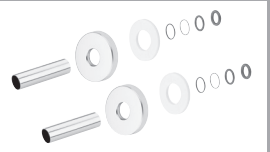
[BIAN] **TTB**
[CROM] **TTR**



(I* = 5 cm)

Sleeving kit
Kit couvre tuyau
Rosetten
Kit cubre tubo

[BIAN] **C5B**
[CROM] **C5R**



Ø ≤ 16 mm
[BIAN] **CTB**
[CROM] **CTR**

16 mm < Ø < 24 mm
[BIAN] **CWB**
[CROM] **CWR**



(2 pz.)
(P* = 220)

Towel hooks
Paire de patère
Crochet das Bugel
Percha

[CROM] **BA13R**
[COLOUR] **BA13C**
[GOLD] **BA13G**

I* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones
Li* = water content for each element / volume d’eau pour chaque element / Wassergehalt für Element / contenido de agua por cada elemento

AO 13d



Kcal = Watt x 0.860
BTU = Watt x 3.413

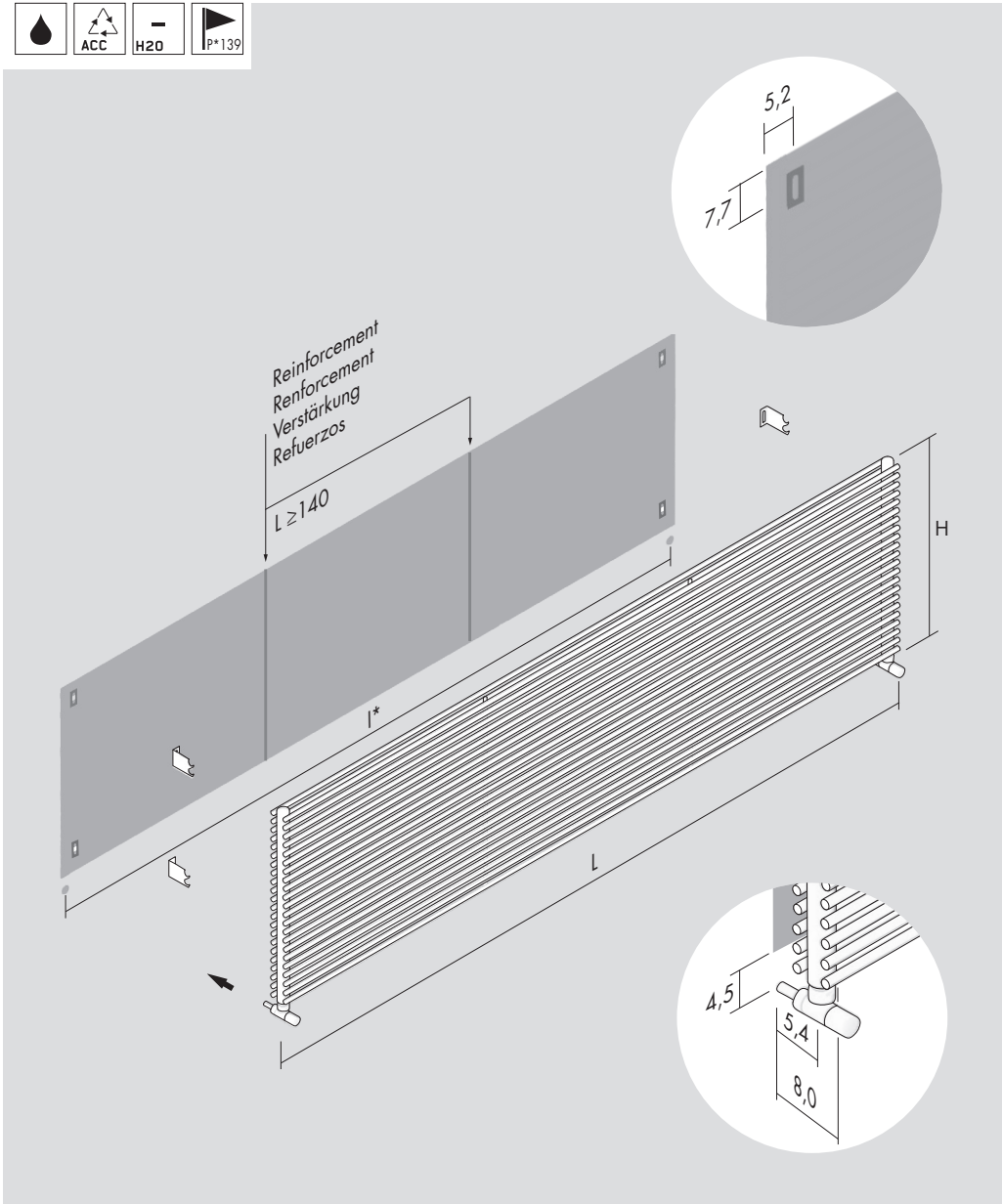
Watt Δt 60° = Watt Δt 50° x 1.251
Watt Δt 40° = Watt Δt 50° x 0.761
Watt Δt 30° = Watt Δt 50° x 0.536
Watt Δt 20° = Watt Δt 50° x 0.328

p max = 10.0 bar

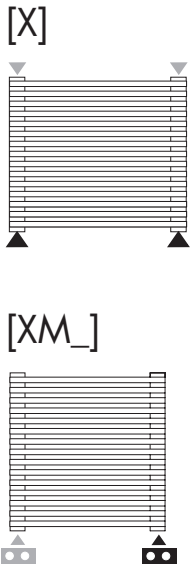
Colours/Couleurs /Farbe/Colores

- [B] Standard
- [T] + 10%
- [S] + 20%

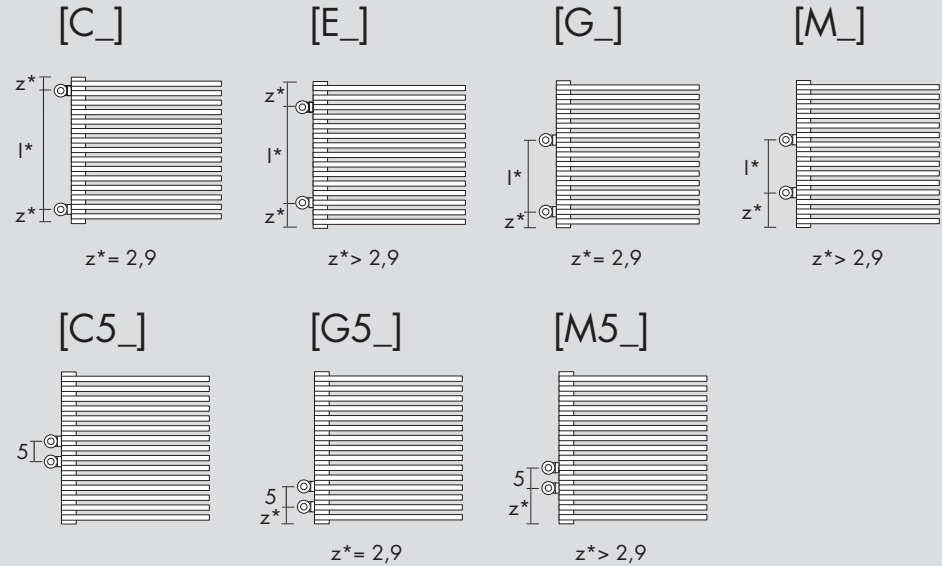
For further details see page 85 / Pour plus d'informations consultez la page 85 / Sie können für eventuelle Rückfragen auf Seite 85 konsultieren / Para otras informaciones ver la página 85.



Standard connection / Raccord standard
Standard Anschluss / Conexión estándar



Special connection / Raccord spéciale / Speziell Anschluss / Conexión especial



Replace _ with connection S (Left) or D (Right). / Remplacer le _ avec raccordement S (Gauche) ou D (Droite). / Um linker oder rechter Anschluss zu bestellen, bitte das Symbol _ mit S (links) oder D (rechts) ersetzen. / Sustituir el _ con las conexiones S (Izquierda) o D (Derecha).

I* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones
L* = water content for each element / volume d'eau pour chaque element / Wassergehalt für Element / contenido de agua por cada elemento

AO 13d [B]

UNI EN 442 Δt 50° 75°/65°/20°

No. el.	$\frac{L}{H}$			40	50	60	70	80	100	120	140	150	160	170	180	200	210	220	
																			
6	15.2	24.2		133	166	200	233	266	333	400	466	499	533	566	599	666	699	732	799
8	20.0	29.0		178	222	267	311	356	445	534	623	534	712	756	801	890	934	934	978
10	24.8	33.8		220	275	330	385	440	550	660	770	660	880	935	989	1099	1154	1154	1209
12	29.6	38.6		261	326	392	457	522	653	784	914	784	1045	1110	1175	1306	1371	1371	1436
14	34.4	43.4		302	378	454	529	605	756	907	1059	907	1210	1285	1361	1512	1588	1588	1664
16	39.2	48.2		343	428	514	600	685	857	1028	1200	1028	1371	1457	1542	1714	1799	1799	1885
18	44.0	53.0		383	478	574	670	765	957	1148	1339	1148	1531	1626	1722	1913	2009	2009	2105
20	48.8	57.8		422	527	633	738	844	1055	1266	1477	1266	1687	1793	1898	2109	2215	2215	2320
22	53.6	62.6		460	576	691	806	921	1151	1381	1611	1381	1842	1957	2072	2302	2417	2417	2532
24	58.4	67.4		499	623	748	873	997	1247	1496	1745	1496	1994	2119	2244	2493	2618	2618	2742
26	63.2	72.2		536	670	804	938	1072	1339	1607	1875	1607	2143	2277	2411	2679	2813	2813	2947
28	68.0	77.0		572	715	858	1001	1144	1431	1717	2003	1717	2289	2432	2575	2861	3004	3004	3147
30	72.8	81.8		608	760	912	1064	1216	1520	1824	2128	1824	2432	2584	2736	3040	3192	3192	3344
32	77.6	86.6		643	804	965	1126	1287	1609	1930	2252	1930	2574	2735	2896	3217	3378	3378	3539
34	82.4	91.4		678	848	1017	1187	1356	1696	2035	2374	2035	2713						
36	87.2	96.2		713	891	1069	1247	1425	1782	2138	2494	2138	2851						
38	92.0	101.0		746	932	1119	1305	1491	1864	2237	2610	2237	2983						
40	96.8	105.8		779	973	1168	1363	1557	1947	2336	2725	2336	3115						
42	101.6	110.6		811	1013	1216	1419	1621											
44	106.4	115.4		842	1053	1263	1474	1684											
46	111.2	120.2		873	1091	1309	1527	1745											
48	116.0	125.0		903	1129	1354	1580	1806											
50	120.8	129.8		931	1164	1396	1629	1862											
I*				36 cm	46 cm	56 cm	66 cm	76 cm	96 cm	116 cm	136 cm	146 cm	156 cm	166 cm	176cm	196 cm	206 cm	216 cm	236 cm
Li*				0.073	0.082	0.091	0.099	0.108	0.125	0.142	0.160	0.168	0.177	0.186	0.194	0.212	0.220	0.229	0.246

For other dimensions than those indicated, ask for feasibility and quotation.
Pour les dimensions differente par rapport à celles ci, demander la disponibilité et le prix.
Für Größen, die anders sind als die angegebene, bitte Durchführbarkeit und Preis nachfragen
Para medidas diferentes a las indicadas, consultar con fabrica disponibilidad y precio

Optional



(P* = 224)

Angled Valve
Vanne équerre
Eckausführung Ventil
Válvula a escuadra

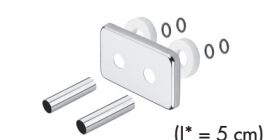
[BIAN] **E12SQB**
[CROM] **E12SQR**



(P* = 226)

Thermostatic head
Tête thermostatique
Thermostatkopf
Cabezal termostático

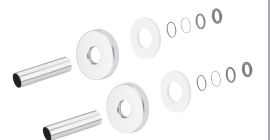
[BIAN] **TTB**
[CROM] **TTR**



(I* = 5 cm)

Sleeving kit
Kit couvre tuyau
Rosetten
Kit cubre tubo

[BIAN] **C5B**
[CROM] **C5R**



Ø ≤ 16 mm
[BIAN] **CTB**
[CROM] **CTR**

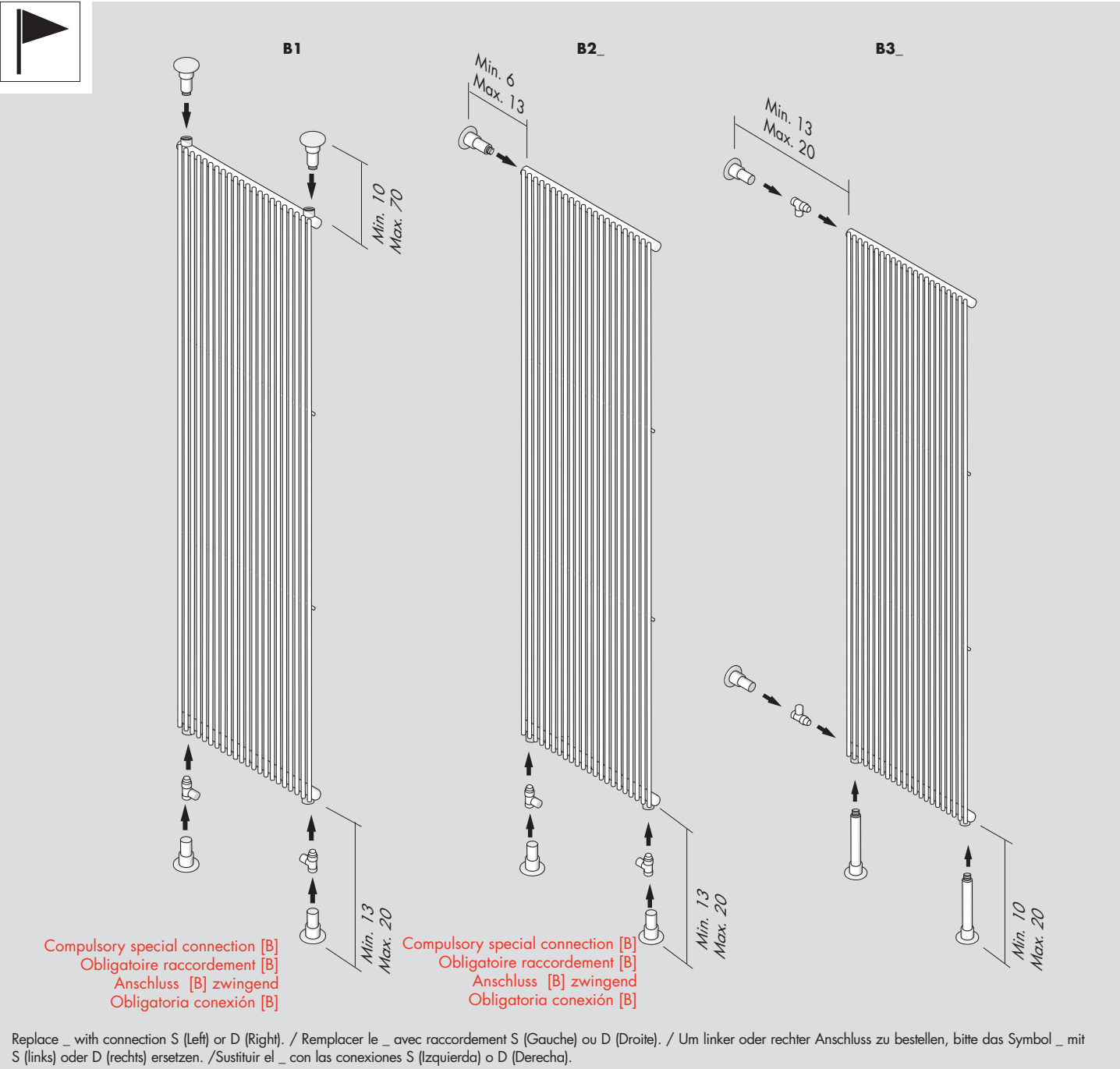
16 mm < Ø < 24 mm
[BIAN] **CWB**
[CROM] **CWR**



(2 pz.)
(P* = 220)

Towel hooks
Paire de patère
Crochet das Bugel
Percha
[CROM] **BA13R**
[COLOUR] **BA13C**
[GOLD] **BA13G**

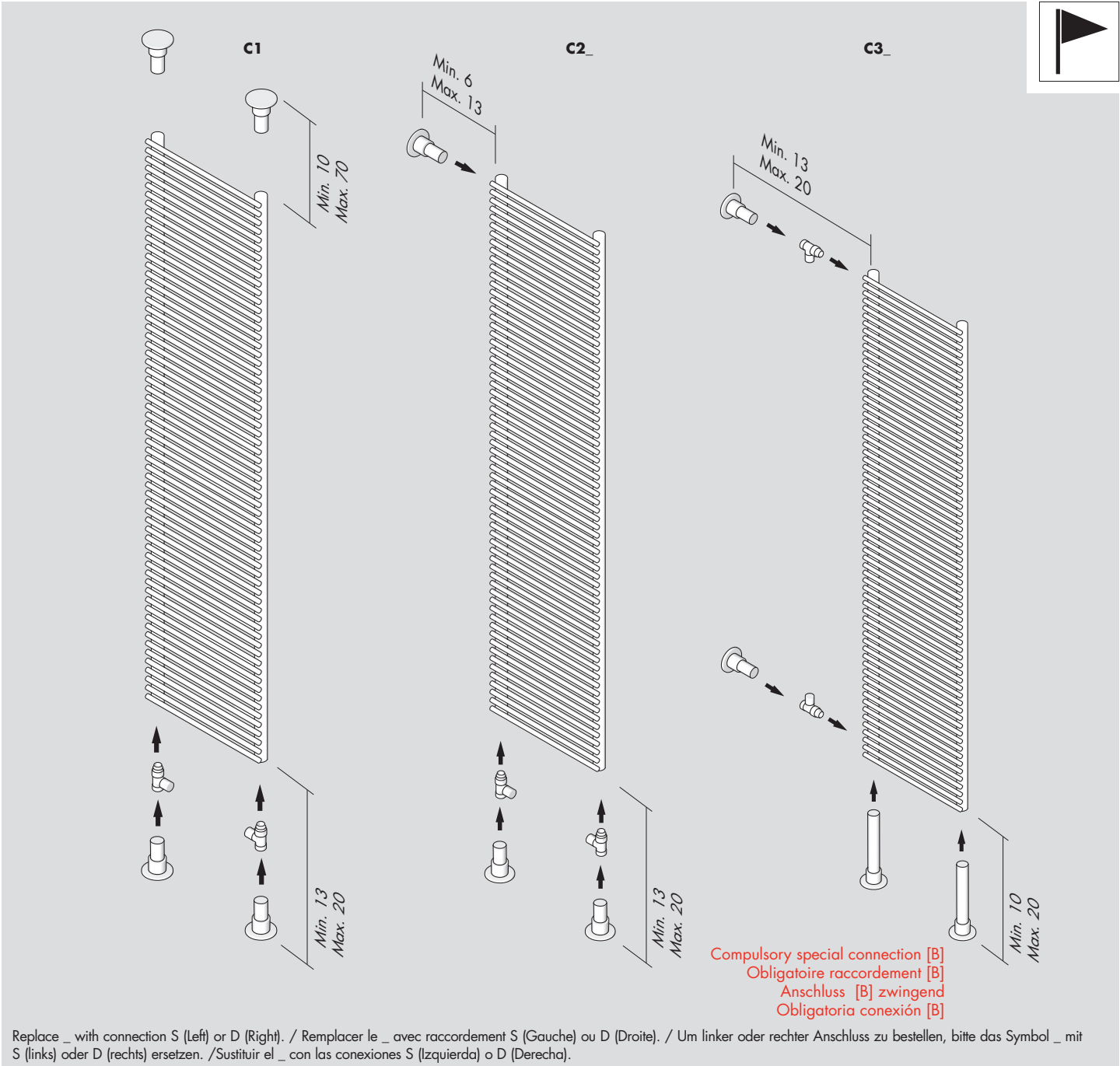
I* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones
Li* = water content for each element / volume d'eau pour chaque element / Wassergehalt für Element / contenido de agua por cada elemento



	B1	B2_	B3_
Trim VS	H* ≥ 180 L* ≤ 90	H* ≥ 40 L* ≤ 60	H* ≥ 40 L* ≤ 60
Trim VD	H* ≥ 180 L* ≤ 60	H* ≥ 40 L* ≤ 40	H* ≥ 40 L* ≤ 40
H_20 VS	H* ≥ 180 L* ≤ 90	H* ≥ 40 L* ≤ 60	H* ≥ 40 L* ≤ 60
H_20 VD	H* ≥ 180 L* ≤ 60	H* ≥ 40 L* ≤ 40	H* ≥ 40 L* ≤ 40
AV 13 S	H* ≥ 180 L* ≤ 90	H* ≥ 40 L* ≤ 60	H* ≥ 40 L* ≤ 60
AV 13 D	H* ≥ 180 L* ≤ 60	H* ≥ 40 L* ≤ 40	H* ≥ 40 L* ≤ 40
AV 25 S	H* ≥ 180 L* ≤ 90	H* ≥ 40 L* ≤ 60	H* ≥ 40 L* ≤ 60
AV 25 D	H* ≥ 180 L* ≤ 60	H* ≥ 40 L* ≤ 40	H* ≥ 40 L* ≤ 40

L* = width / longueur / breite / ancho H* = height / hauteur / Höhe / altura

The divider installation is not available for chrome or gold finished.
Les fixations Clastra ne sont pas disponibles pour les finitions chrome ou doré.
Fahneanschlüsse nicht verfügbar für Chrome oder Gold Heizkörper.
Fijación a bandera no disponible para la versión en acabado cromado o dorado.



	C1	C2_	C3_
Trim OS	H* ≤ 230 L* ≤ 90	H* ≤ 230 L* ≤ 60	H* ≤ 230 L* ≤ 60
Trim OD	H* ≤ 230 L* ≤ 60	H* ≤ 230 L* ≤ 40	H* ≤ 230 L* ≤ 40
H_20 OS	H* ≤ 230 L* ≤ 90	H* ≤ 230 L* ≤ 60	H* ≤ 230 L* ≤ 60
H_20 OD	H* ≤ 230 L* ≤ 60	H* ≤ 230 L* ≤ 40	H* ≤ 230 L* ≤ 40
AO 13 S	H* ≤ 230 L* ≤ 90	H* ≤ 230 L* ≤ 60	H* ≤ 230 L* ≤ 60
AO 13 D	H* ≤ 230 L* ≤ 60	H* ≤ 230 L* ≤ 40	H* ≤ 230 L* ≤ 40
AO 25 S	H* ≤ 230 L* ≤ 90	H* ≤ 230 L* ≤ 60	H* ≤ 230 L* ≤ 60
AO 25 D	H* ≤ 230 L* ≤ 60	H* ≤ 230 L* ≤ 40	H* ≤ 230 L* ≤ 40

L* = width / longueur / breite / ancho H* = height / hauteur / Höhe / altura

The divider installation is not available for chrome or gold finished.
Les fixations Clastra ne sont pas disponibles pour les finitions chrome ou doré.
Fahneanschlüsse nicht verfügbar für Chrome oder Gold Heizkörper.
Fijación a bandera no disponible para la versión en acabado cromado o dorado.