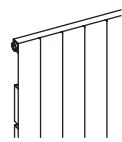




MODELS



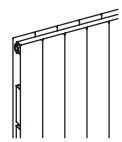
TV-10
depth 53mm



TV-11
depth 61mm

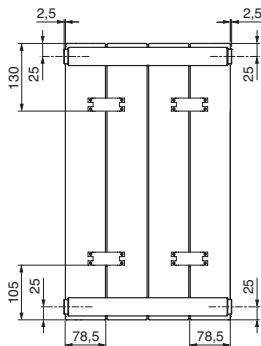
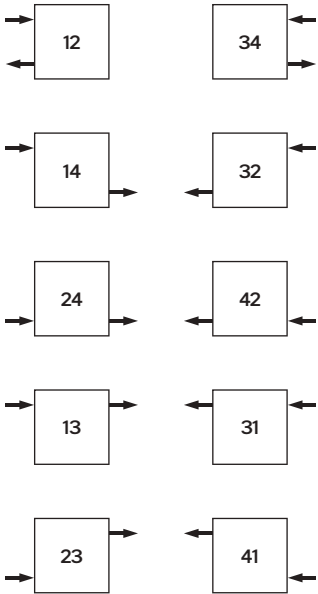


TV-20
depth 61mm



TV-21
depth 101mm

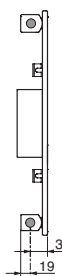
CONNECTION POSITIONS (always specify when ordering)



TV-10



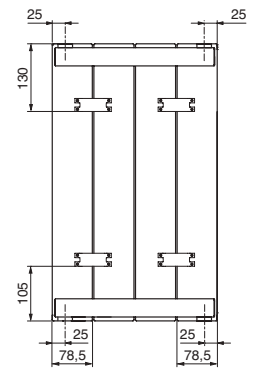
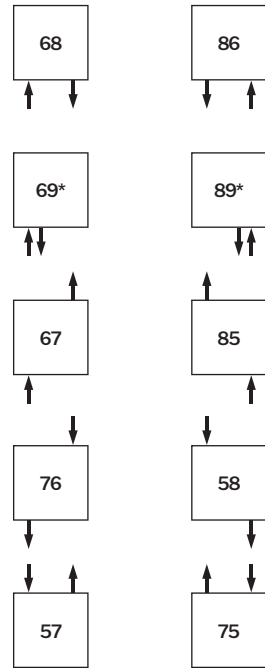
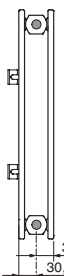
TV-11



TV-21



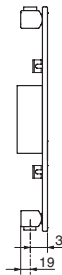
TV-20



TV-10



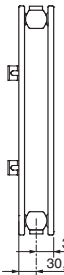
TV-11



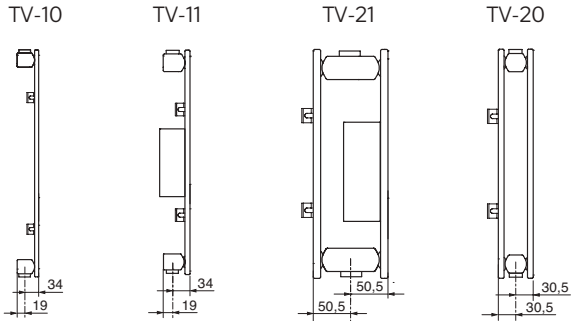
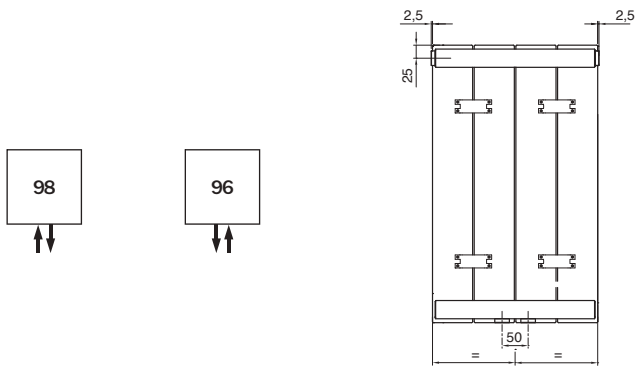
TV-21



TV-20

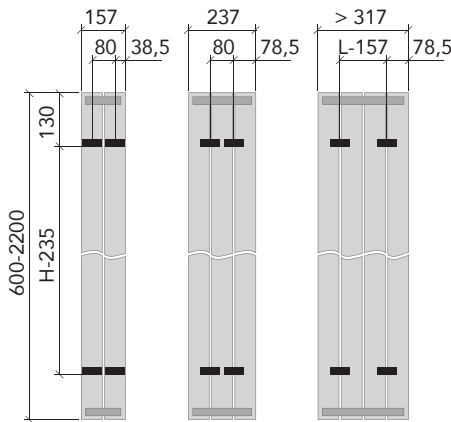
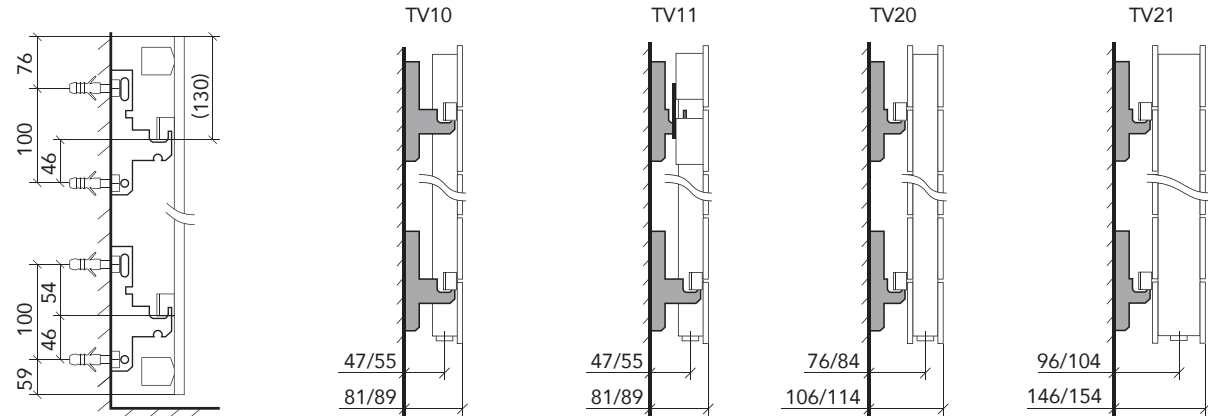


* PLEASE NOTE! For connection 69 and 89, the distance from the side of the radiator to the centre of the inlet is 53mm. The hub distance to the outlet is 50mm.



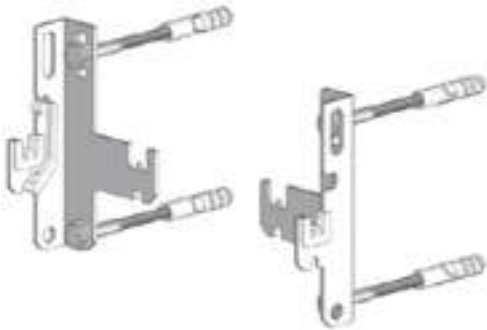
Connections for inlet and outlet are 1/2" , and the vent is 1/4" . Other connection sizes are available upon request. The radiator does not come standard with a drain valve connection. However, if desired, it can be added to the order at no additional cost.

FIXING



BRACKETS (included as standard)

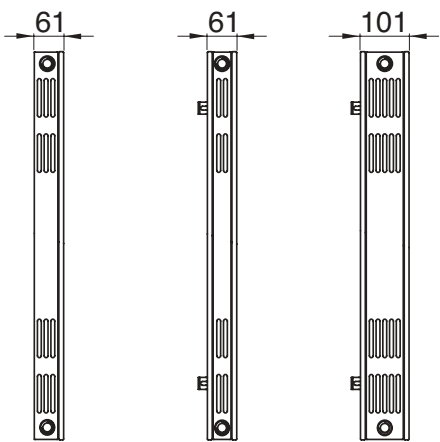
Wall bracket WT
Made of lacquered steel, supplied as a set of 4 or 6 brackets. Complete with anti-lift security, rings, screws, and plugs.





SIDE PANELING

The panel tv radiator comes standard with side panels.



OPERATING PRESSURE

The standard operating pressure for the panel radiator TV is 4 bar. If desired, these radiators can be provided in a high-pressure version, which has an operating pressure of 10 bar. The additional cost for this option is 10% of the price of the radiator in the standard white color. The test pressure is 1.3 times the operating pressure.

Height 600mm

M	TV060-10	TV060-11	TV060-20	TV060-21
H x D	600 x 53 mm	600 x 61 mm	600 x 61 mm	600 x 101 mm
C	0,5 L/el.	0,5 L/el.	0,8 L/el.	0,8 L/el.
W	1,4 kg/el.	1,6 kg/el.	1,6 kg/el.	2,7 kg/el.
R	50%	35%	35%	20%
Ex n	1,3	1,3	1,3	1,3

M = Model		H x D = Height x Depth		C = Capacity		W = Weight		R = Radiation share		Ex n = Exponent n	
Number elements	Length in mm	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20
2	157	78	149	90	171	104	206	133	259		
3	237	110	211	130	249	141	279	177	346		
4	317	141	271	170	324	178	352	221	432		
5	397	171	328	208	398	215	425	265	518		
6	477	200	384	246	471	252	498	309	605		
7	557	228	438	284	543	289	571	352	691		
8	637	256	492	320	614	325	644	396	778		
9	717	283	544	357	685	362	717	439	864		
10	797	310	596	393	755	399	790	482	951		
11	877	336	647	429	825	436	863	525	1037		
12	957	362	697	464	893	473	936	569	1124		
13	1037	388	747	499	961	510	1009	611	1210		
14	1117	414	796	534	1029	547	1082	654	1297		
15	1197	439	845	569	1097	584	1155	697	1383		
16	1277	464	893	603	1164	620	1228	740	1470		
17	1357	489	941	638	1231	657	1301	783	1557		
18	1437	515	990	673	1298	694	1374	827	1644		
19	1517	541	1040	707	1364	731	1446	870	1730		
20	1597	567	1090	741	1430	767	1518	914	1816		

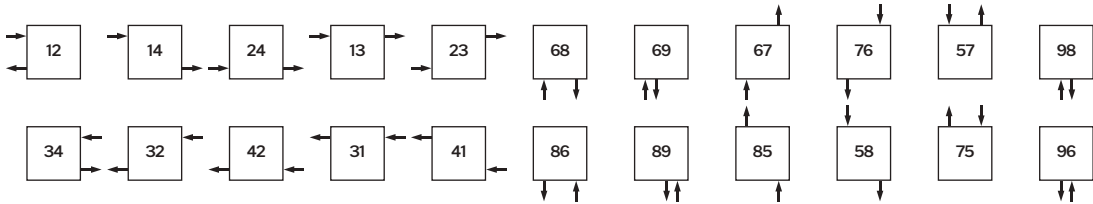


Accessories:
Refer to pages 288 - 295:
ACCKNOP02 ACCREK02
ACCKNOP08 ACCREK08

Brackets and side panels:
All radiators come standardly
with brackets and side panels.

Colors:
The white price applies to RAL 9016. The color
price applies to the colors from the color palette
and color chart, section:

Connections:
**PLEASE NOTE! Always specify
when placing an order.**
See description on page 152.



Height 800mm

											
M		TV080-10		TV080-11		TV080-20		TV080-21			
H x D		800 x 53 mm		800 x 61 mm		800 x 61 mm		800 x 101 mm			
C		0,6 L/el.		0,6 L/el.		0,9 L/el.		1,1 L/el.			
W		1,8 kg/el.		2,4 kg/el.		3,3 kg/el.		3,7 kg/el.			
R		50%		35%		35%		20%			
Ex n		1,3		1,3		1,3		1,3			
M = Model		H x D = Height x Depth		C = Capacity		W = Weight		R = Radiation share		Ex n = Exponent n	
Number elements	Length in mm	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20
2	157	97	188	116	222	129	256	170	333		
3	237	137	267	168	323	179	355	232	455		
4	317	176	342	219	421	229	454	293	576		
5	397	213	414	269	517	279	553	354	698		
6	477	250	485	318	612	328	651	416	820		
7	557	286	554	366	705	378	750	477	941		
8	637	321	621	413	797	428	849	538	1063		
9	717	356	687	460	889	477	948	598	1184		
10	797	390	753	506	979	527	1046	659	1306		
11	877	424	817	552	1069	576	1145	719	1427		
12	957	457	881	598	1159	626	1244	779	1549		
13	1037	490	943	643	1247	675	1342	839	1670		
14	1117	523	1006	688	1335	724	1441	899	1792		
15	1197	556	1067	732	1423	774	1540	959	1914		
16	1277	588	1128	776	1510	823	1639	1019	2035		
17	1357	620	1189	821	1597	873	1738	1079	2156		
18	1437	652	1250	866	1684	923	1837	1140	2277		
19	1517	684	1311	910	1770	972	1935	1200	2397		
20	1597	715	1372	954	1856	1021	2033	1260	2517		

Height 1000mm

											
M		TV100-10		TV100-11		TV100-20		TV100-21			
H x D		1000 x 53 mm		1000 x 61 mm		1000 x 61 mm		1000 x 101 mm			
C		0,7 L/el.		0,7 L/el.		1,1 L/el.		1,3 L/el.			
W		2,2 kg/el.		2,9 kg/el.		4,1 kg/el.		4,8 kg/el.			
R		50%		35%		35%		20%			
Ex n		1,3		1,3		1,3		1,3			
M = Model		H x D = Height x Depth		C = Capacity		W = Weight		R = Radiation share		Ex n = Exponent n	
Number elements	Length in mm	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20
2	157	115	227	141	272	156	309	205	405		
3	237	164	322	205	395	218	432	283	559		
4	317	210	413	266	514	279	555	361	713		
5	397	256	501	327	632	341	678	437	866		
6	477	300	586	385	747	403	801	514	1020		
7	557	343	669	444	861	464	924	591	1174		
8	637	386	750	501	974	526	1047	668	1328		
9	717	428	830	558	1086	588	1171	745	1482		
10	797	469	909	615	1197	649	1294	821	1636		
11	877	511	987	670	1307	710	1417	897	1790		
12	957	552	1064	725	1415	771	1540	973	1944		
13	1037	592	1139	780	1524	832	1663	1049	2098		
14	1117	633	1215	835	1632	893	1786	1124	2252		
15	1197	673	1289	888	1739	954	1909	1200	2406		
16	1277	712	1362	941	1846	1015	2032	1275	2560		
17	1357	752	1435	996	1953	1077	2155	1352	2714		
18	1437	790	1507	1050	2060	1138	2278	1428	2868		
19	1517	828	1579	1104	2166	1199	2400	1504	3021		
20	1597	865	1651	1158	2272	1260	2522	1581	3174		

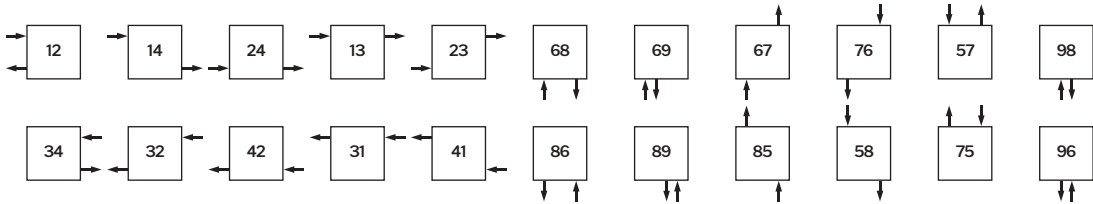


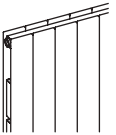
Accessories:
Refer to pages 288 - 295:
ACCKNOP02 ACCREK02
ACCKNOP08 ACCREK08

Brackets and side panels:
All radiators come standardly
with brackets and side panels.

Colors:
The white price applies to RAL 9016. The color
price applies to the colors from the color palette
and color chart, section:

Connections:
**PLEASE NOTE! Always specify
when placing an order.**
See description on page 152.



Height 1200mm									
									
M		TV120-10	TV120-11	TV120-20	TV120-21				
H x D		1200 x 53 mm	1200 x 61 mm	1200 x 61 mm	1200 x 101 mm				
C		0,8 L/el.	0,8 L/el.	1,2 L/el.	1,5 L/el.				
W		2,6 kg/el.	3,5 kg/el.	4,8 kg/el.	5,7 kg/el.				
R		50%	35%	35%	20%				
Ex n		1,3	1,3	1,3	1,3				
M = Model		H x D = Height x Depth		C = Capacity		W = Weight		R = Radiation share	
Number elements	Length in mm	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20
2	157	130	258	165	319	183	363	240	474
3	237	188	371	239	464	256	509	333	658
4	317	243	480	312	605	329	655	426	842
5	397	297	585	382	743	402	802	518	1026
6	477	351	689	452	879	475	948	609	1209
7	557	403	790	520	1013	548	1094	701	1393
8	637	456	891	587	1146	621	1240	792	1577
9	717	507	989	653	1277	694	1387	883	1761
10	797	559	1087	719	1407	766	1533	974	1945
11	877	610	1183	783	1536	838	1679	1065	2129
12	957	661	1279	848	1665	910	1825	1155	2313
13	1037	712	1374	911	1792	983	1972	1245	2496
14	1117	761	1467	974	1919	1055	2118	1335	2680
15	1197	812	1561	1037	2045	1127	2264	1424	2864
16	1277	862	1653	1099	2170	1199	2411	1513	3048
17	1357	910	1745	1162	2295	1272	2558	1605	3232
18	1437	958	1837	1225	2420	1345	2705	1696	3416
19	1517	1005	1928	1288	2544	1417	2851	1787	3599
20	1597	1053	2019	1351	2668	1490	2997	1878	3782

Height 1400mm									
									
M		TV140-10	TV140-11	TV140-20	TV140-21				
H x D		1400 x 53 mm	1400 x 61 mm	1400 x 61 mm	1400 x 101 mm				
C		0,9 L/el.	0,9 L/el.	1,3 L/el.	1,7 L/el.				
W		3 kg/el.	4,2 kg/el.	5,6 kg/el.	6,8 kg/el.				
R		50%	35%	35%	20%				
Ex n		1,3	1,3	1,3	1,3				
M = Model		H x D = Height x Depth		C = Capacity		W = Weight		R = Radiation share	
Number elements	Length in mm	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20
2	157	150	297	189	366	210	418	276	542
3	237	216	427	273	531	294	587	383	753
4	317	279	551	356	693	378	755	490	965
5	397	342	673	437	851	461	923	596	1177
6	477	403	792	516	1007	545	1092	702	1388
7	557	463	909	593	1160	629	1260	808	1600
8	637	523	1024	670	1312	712	1428	913	1812
9	717	581	1137	745	1462	795	1596	1017	2023
10	797	639	1249	820	1611	878	1765	1122	2235
11	877	697	1360	894	1759	961	1933	1226	2447
12	957	755	1470	967	1907	1044	2101	1329	2658
13	1037	812	1579	1039	2052	1127	2270	1432	2870
14	1117	869	1687	1111	2197	1209	2438	1535	3082
15	1197	926	1794	1181	2341	1291	2606	1637	3293
16	1277	982	1900	1251	2484	1374	2775	1739	3505
17	1357	1035	2006	1323	2627	1457	2944	1844	3717
18	1437	1090	2112	1395	2770	1541	3113	1949	3929
19	1517	1149	2216	1467	2912	1624	3281		
20	1597	1203	2320	1539	3054	1707	3449		

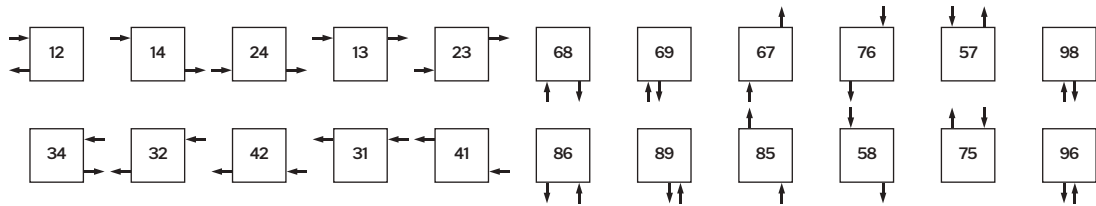


Accessories:
Refer to pages 288 - 295:
ACCKNOP02 ACCREK02
ACCKNOP08 ACCREK08

Brackets and side panels:
All radiators come standardly
with brackets and side panels.

Colors:
The white price applies to RAL 9016. The color
price applies to the colors from the color palette
and color chart, section:

Connections:
**PLEASE NOTE! Always specify
when placing an order.**
See description on page 152.



Height 1600mm									
									
M	TV160-10			TV160-11		TV160-20		TV160-21	
H x D	1600 x 53 mm			1600 x 61 mm		1600 x 61 mm		1600 x 101 mm	
C	1 L/el.			1 L/el.		1,4 L/el.		1,6 L/el.	
W	3,3 kg/el.			4,8 kg/el.		6,3 kg/el.		7,8 kg/el.	
R	50%			35%		35%		20%	
Ex n	1,3			1,3		1,3		1,3	
M = Model		H x D = Height x Depth		C = Capacity		W = Weight		R = Radiation share	
Ex n = Exponent n									
Number elements	Length in mm	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20
2	157	170	336	212	411	237	475	312	609
3	237	245	483	307	597	331	664	433	846
4	317	316	624	399	778	426	854	553	1084
5	397	387	762	490	956	519	1043	673	1322
6	477	455	897	578	1131	613	1232	792	1559
7	557	523	1029	665	1303	707	1422	910	1797
8	637	590	1159	750	1474	800	1611	1028	2034
9	717	656	1288	835	1643	894	1801	1145	2272
10	797	721	1414	918	1810	986	1990	1262	2509
11	877	786	1540	1000	1976	1079	2179	1378	2747
12	957	850	1664	1082	2142	1172	2369	1494	2985
13	1037	914	1788	1163	2306	1265	2558	1609	3222
14	1117	977	1910	1242	2468	1357	2747	1724	3460
15	1197	1040	2031	1321	2630	1449	2937	1837	3697
16	1277	1103	2152	1399	2792	1541	3126	1951	3935
17	1357	1173	2273	1481	2954	1624	3295		
18	1437	1235	2394	1562	3116	1708	3464		
19	1517	1297	2514	1643	3277	1790	3632		
20	1597	1359	2634	1723	3438				

Height 1800mm									
									
M	TV180-10		TV180-11		TV180-20		TV180-21		
H x D	1800 x 53 mm		1800 x 61 mm		1800 x 61 mm		1800 x 101 mm		
C	1,1 L/el.		1,1 L/el.		1,6 L/el.		1,8 L/el.		
W	3,7 kg/el.		5,3 kg/el.		7,1 kg/el.		8,7 kg/el.		
R	50%		35%		35%		20%		
Ex n	1,3		1,3		1,3		1,3		
M = Model		H x D = Height x Depth		C = Capacity		W = Weight		R = Radiation share	
								Ex n = Exponent n	
Number elements	Length in mm	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20
2	157	188	371	234	455	265	533	348	676
3	237	271	535	339	661	369	743	482	938
4	317	352	695	441	861	473	952	615	1200
5	397	431	850	541	1058	577	1162	747	1461
6	477	509	1003	638	1252	680	1371	878	1723
7	557	585	1154	734	1443	782	1580	1009	1985
8	637	660	1302	828	1632	886	1790	1139	2247
9	717	735	1449	921	1819	988	1999	1268	2509
10	797	809	1594	1013	2004	1091	2209	1396	2771
11	877	882	1738	1104	2189	1193	2418	1524	3033
12	957	955	1881	1193	2371	1295	2628	1651	3295
13	1037	1028	2023	1281	2552	1397	2837	1777	3557
14	1117	1099	2163	1369	2733	1499	3047	1903	3819
15	1197	1170	2303	1455	2912	1600	3256		
16	1277	1241	2441	1541	3091	1701	3466		
17	1357	1311	2579	1631	3270	1804	3676		
18	1437	1381	2717	1720	3449				
19	1517	1451	2854	1809	3627				
20	1597	1520	2991	1897	3805				

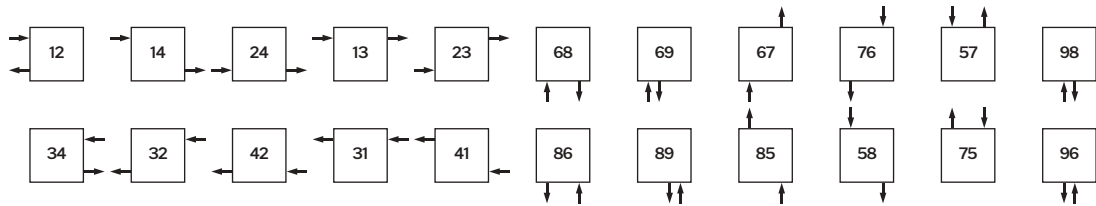


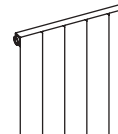
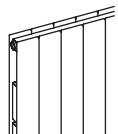
Accessories:
Refer to pages 288 - 295:
ACCKNOP02 ACCREK02
ACCKNOP08 ACCREK08

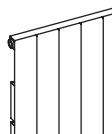
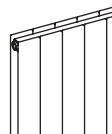
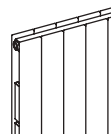
Brackets and side panels:
All radiators come standardly
with brackets and side panels.

Colors:
The white price applies to RAL 9016. The color
price applies to the colors from the color palette
and color chart, section: 

Connections:
**PLEASE NOTE! Always specify
when placing an order.**
See description on page 152.



Height 2000mm									
									
M	TV200-10		TV200-11		TV200-20		TV200-21		
H x D	2000 x 53 mm		2000 x 61 mm		2000 x 61 mm		2000 x 101 mm		
C	1,2 L/el.		1,2 L/el.		1,8 L/el.		2 L/el.		
W	4,1 kg/el.		6,1 kg/el.		7,8 kg/el.		9,8 kg/el.		
R	50%		35%		35%		20%		
Ex n	1,3		1,3		1,3		1,3		
M = Model		H x D = Height x Depth		C = Capacity		W = Weight		R = Radiation share	
Ex n = Exponent n									
Number elements	Length in mm	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20
2	157	208	408	254	498	295	592	381	743
3	237	301	589	369	723	409	821	526	1028
4	317	390	764	480	943	523	1050	671	1313
5	397	478	936	589	1158	636	1279	814	1598
6	477	563	1104	695	1370	749	1507	957	1883
7	557	647	1269	800	1579	862	1736	1100	2168
8	637	730	1433	904	1786	974	1965	1241	2453
9	717	812	1594	1006	1990	1087	2194	1382	2738
10	797	893	1754	1108	2194	1199	2422	1522	3023
11	877	974	1912	1207	2394	1311	2651	1662	3308
12	957	1053	2069	1306	2595	1422	2880		
13	1037	1132	2225	1404	2793	1534	3109		
14	1117	1210	2380	1501	2990	1645	3337		
15	1197	1288	2533	1597	3187	1756	3566		
16	1277	1365	2686	1693	3382	1867	3795		
17	1357	1443	2839	1790	3577				
18	1437	1520	2992	1888	3772				
19	1517	1598	3144	1985	3966				
20	1597	1675	3296	2082	4159				

Height 2200mm									
									
M	TV220-10	TV220-11	TV220-20	TV220-21					
H x D	2200 x 53 mm	2200 x 61 mm	2200 x 61 mm	2200 x 101 mm					
C	1,3 L/el.	1,3 L/el.	2 L/el.	2,2 L/el.					
W	4,7 kg/el.	6,6 kg/el.	8,6 kg/el.	10,8 kg/el.					
R	50%	35%	35%	20%					
Ex n	1,3	1,3	1,3	1,3					
M = Model		H x D = Height x Depth		C = Capacity		W = Weight		R = Radiation share	
Ex n = Exponent n									
Number elements	Length in mm	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20	Output 55/45/20	Output 75/65/20
2	157	228	443	274	540	326	652	415	812
3	237	329	640	397	784	450	900	571	1119
4	317	427	831	517	1022	572	1147	726	1426
5	397	523	1017	635	1255	695	1394	881	1733
6	477	616	1200	751	1485	818	1642	1034	2040
7	557	708	1380	865	1712	940	1889	1188	2347
8	637	798	1557	977	1936	1062	2136	1341	2654
9	717	887	1733	1089	2158	1184	2384	1493	2961
10	797	974	1906	1199	2378	1305	2631	1645	3268
11	877	1061	2078	1308	2596	1426	2878	1795	3575
12	957	1147	2249	1417	2813	1548	3126		
13	1037	1232	2418	1524	3028	1668	2273		
14	1117	1316	2586	1631	3242	1789	3620		
15	1197	1400	2753	1737	3455				
16	1277	1483	2919	1842	3667				
17	1357	1567	3085	1949	3879				
18	1437	1652	3251	2055	4091				
19	1517	1735	3416						
20	1597	1819	3581						



P.280



P.288

Accessories:
Refer to pages 288 - 295:
ACCKNOP02 ACCREK02
ACCKNOP08 ACCREK08

Brackets and side panels:
All radiators come standardly
with brackets and side panels.

Colors:
The white price applies to RAL 9016. The color
price applies to the colors from the color palette
and color chart, section:

Connections:
**PLEASE NOTE! Always specify
when placing an order.**
See description on page 152.

