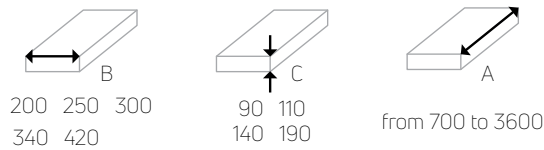


## Trench convector FMS

Model FMS is the best solution where **quiet operation** is desirable. This is achieved by **natural convection** of heat exchanger, which has a low volume of water and **fast responsive time**. Installing trench convector in front of the glazed windows ensures **efficient thermal screen** against cold air and can be used as a **supplementary or main source of heat**.

### dimension (in mm)



200 250 300  
340 420

90 110  
140 190

from 700 to 3600

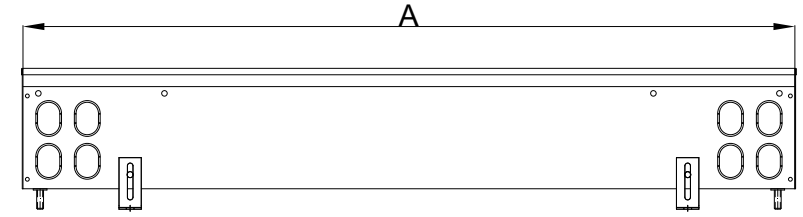
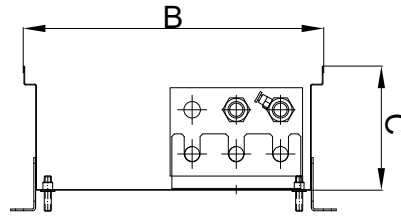
### material of the duct



\*special stainless steel AISI 316L for pool version upon request

### material of the heat exchanger

Heat exchanger is made from copper pipes and aluminium lamellas **varnished in RAL9005**. The diameter of the pipes is 15,9 mm with 0,4 mm of thickness. Endings are with 1/2" connections.



### water connection

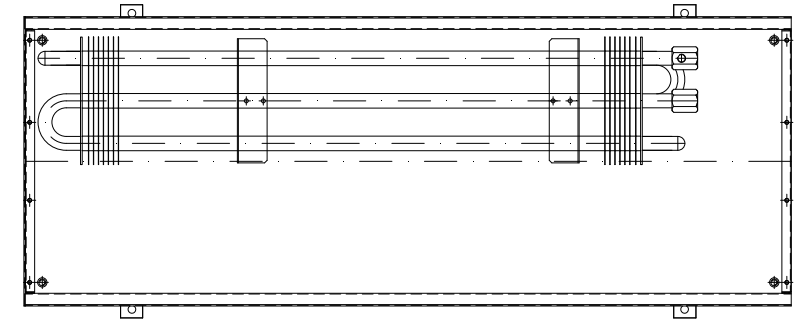
**Right and left connection** is possible, needs to be specified. Space for water connection is covered by covering plate. Water pipes could be connected either from the front side or longitudinal side.

### technical data

Easy connection of 2 and more convectors together, max. operating pressure 10 bar, manual air vent, possible installation to double floor (upon the request), tested in accordance with **DIN EN 442**.

### standard delivery accessories

Height adjustment feet, raised floor height adjustment feet, rubber grommets for pre-punched connection openings, flexible stainless steel hoses with seals, chipboard cover (protection from the dust etc. during the construction work), struts (protection from deformation while pouring concrete floor).



width B [mm]	height C [mm]	200		250		300		340		420											
		90	110	140	190	90	110	140	190	90	110	140	190								
<b>heat output [W] 75/65/20°C</b>																					
700	110	121	134	138	137	161	199	226	176	213	238	300	194	232	276	364	228	278	325	449	
800	134	148	163	169	166	196	242	275	215	260	290	365	237	282	337	444	277	338	395	547	
900	158	174	193	199	196	231	285	325	253	306	341	430	279	332	397	523	327	399	466	645	
1000	182	200	222	229	226	266	328	374	291	353	393	496	321	383	457	602	377	459	537	742	
1100	206	227	251	259	255	301	371	423	330	399	445	561	363	433	517	681	426	520	607	840	
1200	230	253	280	289	285	336	414	472	368	445	496	626	406	483	577	761	476	580	678	937	
1300	254	280	309	319	315	372	458	521	406	492	548	691	448	534	637	840	525	640	748	1035	
1400	278	306	339	349	344	407	501	571	445	538	600	756	490	584	697	919	575	701	819	1133	
1500	302	332	368	379	374	442	544	620	483	584	652	822	532	635	757	998	624	761	890	1230	
1600	326	359	397	409	404	477	587	669	521	631	703	887	575	685	817	1078	674	822	960	1328	
1800	374	411	455	470	463	547	673	767	598	724	807	1017	659	786	938	1236	773	942	1102	1523	
length A	2000	422	464	514	530	523	617	760	675	816	910	1148	744	886	1058	1395	872	1063	1243	1719	
	2200	470	517	572	590	582	687	846	751	909	1014	1278	828	987	1178	1553	971	1184	1384	1914	
	2400	518	570	630	650	641	757	932	1062	828	1002	1117	1408	912	1088	1298	1711	1070	1305	1525	2109
	2500	542	596	660	680	671	792	975	1112	866	1048	1169	1474	955	1138	1358	1791	1120	1365	1596	2207
	2600	566	623	689	710	701	827	1019	1161	905	1095	1220	1539	997	1188	1418	1870	1169	1426	1666	2305
	2700	590	649	718	741	730	862	1062	1210	943	1141	1272	1604	1039	1239	1479	1949	1219	1486	1737	2402
	2800	614	675	747	771	760	897	1105	1259	981	1187	1324	1669	1081	1289	1539	2028	1268	1546	1808	2500
	2900	638	702	776	801	790	932	1148	1308	1019	1234	1376	1734	1124	1340	1599	2108	1318	1607	1878	2598
	3000	662	728	805	831	820	967	1191	1357	1058	1280	1427	1800	1166	1390	1659	2187	1367	1667	1949	2695
	3200	710	781	864	891	879	1038	1278	1456	1134	1373	1531	1930	1250	1491	1779	2345	1466	1788	2090	2891
3400	758	834	922	951	938	1108	1364	1554	1211	1466	1634	2060	1335	1591	1899	2504	1565	1909	2231	3086	
3600	806	886	981	1011	998	1178	1450	1653	1288	1558	1738	2191	1419	1692	2019	2662	1665	2030	2373	3281	