

HEATER CHARACTERISTIC

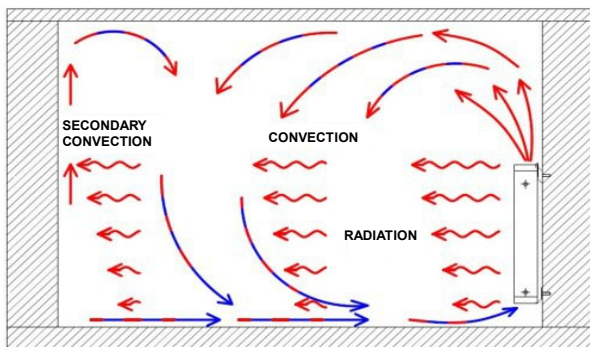
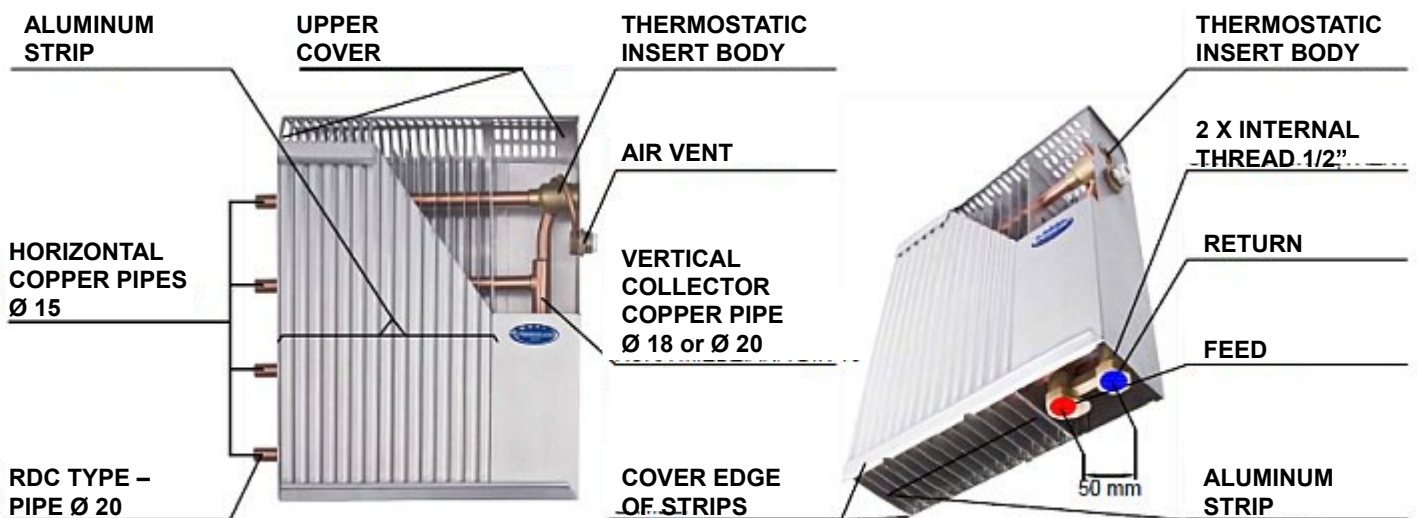
The REGULUS-system radiator range is a unique concept in wet system radiators. An aluminium outer case conceals an internal copper pipe heat exchanger which transfers heat to the radiator culminating in a high performance and energy saving heater. Aluminium conducts heat 4 times quicker than steel which enable our radiators to reach temperature much faster than steel radiators. Additionally the design of the product ensures that the surface area does not get too hot to touch. Our radiators generate heat by both thermal radiation and convection, which allows for effective distribution of warm air throughout the home, thus allowing you to enjoy thermal comfort throughout the home. This contemporary designed radiator is suitable for use with all types of boilers: gas, electric, oil, solid fuel and LPG.



Many of the new generation heating solutions such as Air & Ground Heatpumps generate lower system temperatures and as such require larger radiators to provide the same room temperature as traditional heat sources such as Gas and Electric Boilers. The internal design of the REGULUSsystem radiators makes them the perfect solution when installed with Heatpump systems. REGULUS-system radiators are constructed to provide all the benefits offered by low water content appliances as less water within the system adds up to reduced running costs. These energy efficient radiators use a fifth of the water used by a standard steel panel radiator of the same size. This results in annual energy savings of up to 15%

All REGULUS-system radiators are guaranteed for 25 years

HEATER CONSTRUCTION



METHOD OF HEAT EMISSION BY HEATER
Regulus ®-system

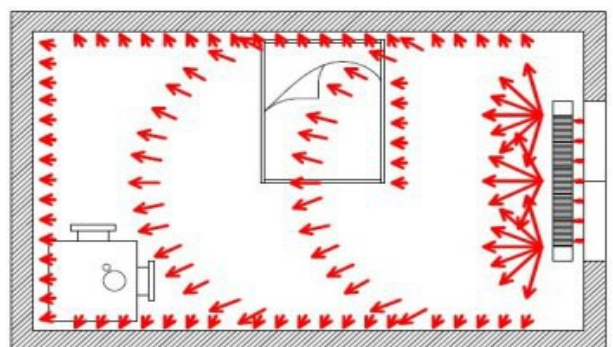
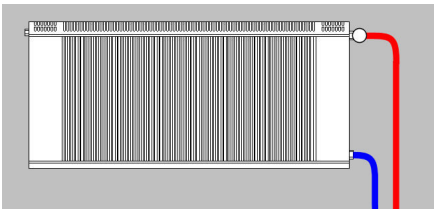


ILLUSTRATION OF THE DONATION OF HEAT BY THE RADIATION

REGULUS-system REGULLUS – technical data

TYPE REGULLUS R

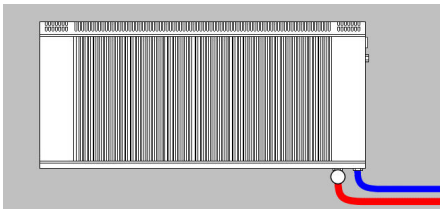


Side feed 1/2" -
internal threaded

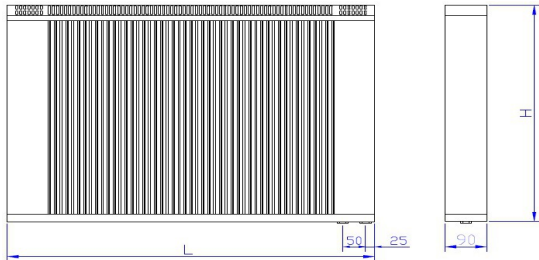


max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]:	
Type R1 – H = 135 mm	R = 45 mm
Type R2 – H = 215 mm	R = 90 mm
Type R3 – H = 315 mm	R = 135 mm
Type R4 – H = 395 mm	R = 270 mm
Type R5 – H = 495 mm	R = 360 mm
Type R6 – H = 575 mm	R = 450 mm (optional – 500)
Type R8 – H = 775 mm	R = 630 mm
Type R10 – H = 975 mm	R = 810 mm
Type R12 – H = 1175 mm	R = 990 mm
brackets bundled with the radiator	yes

TYPE REGULLUS RD

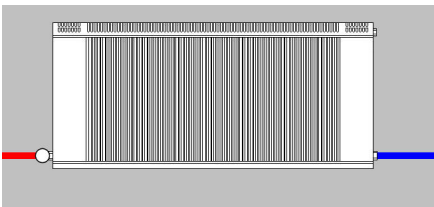


Bottom feed 1/2" -
internal threaded
Biult-in thermostatic
valves Shlosser

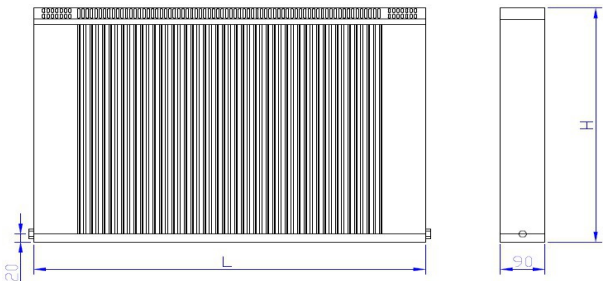


max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]: for all lenghts of radiator RD	50 mm
Built-in thermostatic valves	Shlosser V100
brackets bundled with the radiator	yes

TYPE REGULLUS RP

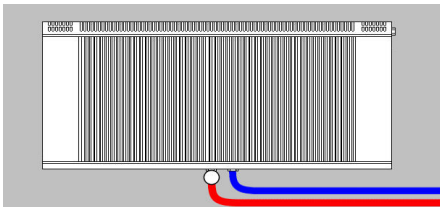


Side to side feed
1/2" - internal
threaded

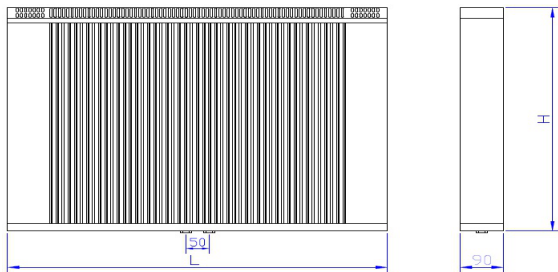


max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
brackets bundled with the radiator	yes

TYPE REGULLUS RDC



Bottom central
feed 1/2" - internal
threaded
Biult-in
thermostatic
valves Shlosser



max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]: for all lenghts of radiator RDC	50 mm
Built-in thermostatic valves	Shlosser V100
brackets bundled with the radiator	yes

REGULUS-system REGULLUS – thermal output



RADIATOR DESCRIPTION – AN EXAMPLE:

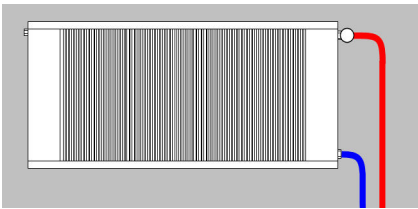
REGULLUS RD 6 / 120

NAME LENGTH
TYPE OF CONNECTION SYMBOL OF HEIGHT

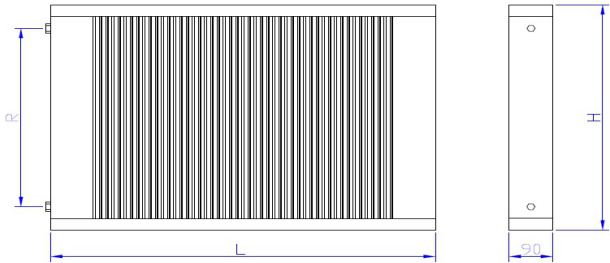
Type of connection		R, RP	R, RD, RP	R, RD, RP	R, RD, RP, RDC	R, RD, RP, RDC	R, RD, RP, RDC	R, RD, RP, RDC	R, RD, RP, RDC	R, RD, RP, RDC
Symbol of height		1	2	3	4	5	6	8	10	12
Height [mm]		135	215	315	395	495	575	775	975	1175
Length [cm]	Parameters	Thermal output of the radiators [W] in accordance with PN-EN 442								
40	85/75/20	154	214	312	411	465	519	780	929	1036
	75/65/20	128	177	259	341	386	431	647	771	861
	55/45/20	75	104	152	201	228	254	383	458	513
50	85/75/20	x	295	425	555	658	760	1053	1312	1515
	75/65/20	x	244	352	460	545	630	873	1090	1259
	55/45/20	x	143	208	271	322	372	517	647	750
60	85/75/20	269	374	536	698	849	1000	1327	1695	1994
	75/65/20	223	309	444	579	704	829	1100	1407	1658
	55/45/20	132	182	262	342	416	490	651	836	988
70	85/75/20	x	453	636	819	1021	1223	1555	2037	2435
	75/65/20	x	375	527	678	846	1013	1290	1692	2025
	55/45/20	x	220	310	400	499	599	763	1005	1207
80	85/75/20	383	532	736	939	1192	1443	1783	2378	2878
	75/65/20	317	441	609	778	988	1196	1478	1974	2392
	55/45/20	187	259	359	459	583	707	874	1173	1426
90	85/75/20	x	638	876	1113	1397	1680	2112	2789	3351
	75/65/20	x	528	725	922	1157	1393	1751	2316	2786
	55/45/20	x	311	427	544	683	823	1036	1375	1660
100	85/75/20	534	743	1014	1286	1602	1919	2441	3197	3825
	75/65/20	442	615	840	1065	1328	1590	2024	2655	3180
	55/45/20	261	362	495	629	784	940	1197	1577	1895
110	85/75/20	x	849	1128	1407	1795	2183	2672	3582	4352
	75/65/20	x	702	934	1165	1487	1809	2215	2975	3618
	55/45/20	x	413	550	688	878	1069	1310	1767	2156
120	85/75/20	686	954	1242	1604	1988	2448	2902	3968	4880
	75/65/20	568	789	1028	1329	1647	2029	2406	3295	4057
	55/45/20	335	465	606	785	973	1199	1423	1957	2418
140	85/75/20	854	1187	1555	1921	2466	3011	3648	4923	6005
	75/65/20	708	983	1287	1592	2043	2496	3024	4088	4992
	55/45/20	417	578	759	939	1207	1475	1789	2428	2975
160	85/75/20	1023	1421	1833	2246	2906	3564	x	x	x
	75/65/20	847	1176	1518	1861	2408	2954	x	x	x
	55/45/20	499	692	894	1099	1422	1746	x	x	x
180	85/75/20	1197	1664	2115	2563	3275	3986	x	x	x
	75/65/20	991	1377	1751	2124	2714	3304	x	x	x
	55/45/20	584	810	1032	1254	1603	1952	x	x	x
200	85/75/20	1372	1908	2387	2866	3649	4431	x	x	x
	75/65/20	1136	1579	1976	2374	3024	3672	x	x	x
	55/45/20	670	929	1165	1402	1786	2170	x	x	x

REGULUS-system SOLLARIUS – technical data

TYPE SOLLARIUS S

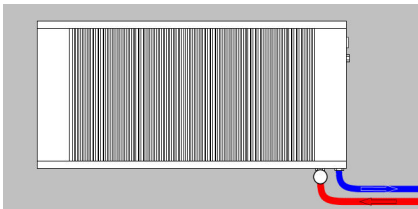


Side feed 1/2" -
internal threaded

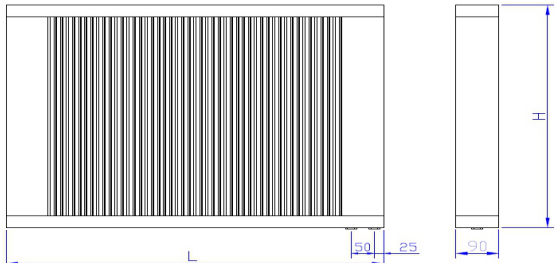


max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]:	
Type S1 – H = 135 mm	R = 45 mm
Type S2 – H = 215 mm	R = 90 mm
Type S3 – H = 315 mm	R = 135 mm
Type S4 – H = 395 mm	R = 270 mm
Type S5 – H = 495 mm	R = 360 mm
Type S6 – H = 575 mm	R = 450 mm (optional – 500)
Type S8 – H = 775 mm	R = 630 mm
Type S10 – H = 975 mm	R = 810 mm
Type S12 – H = 1175 mm	R = 990 mm
brackets bundled with the radiator	yes

TYPE SOLLARIUS SD

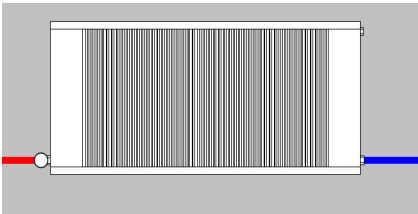


Bottom feed 1/2" -
internal threaded
Biult-in thermostatic
valves Shlosser

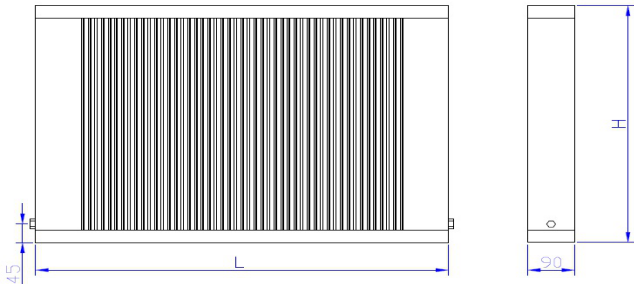


max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]: for all lenghts of radiator SD	50 mm
Built-in thermostatic valves	Shlosser V100
brackets bundled with the radiator	yes

TYPE SOLLARIUS SP

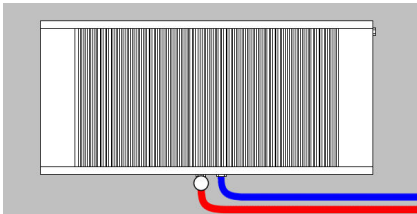


Side to side feed
1/2" - internal
threaded

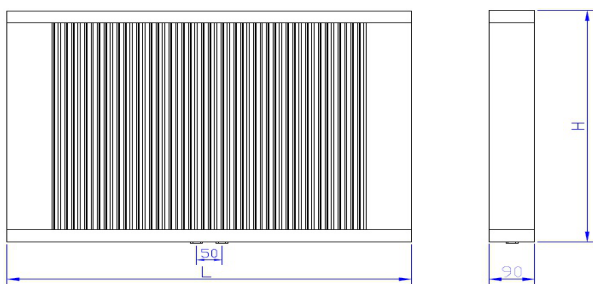


max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
brackets bundled with the radiator	yes

TYPE SOLLARIUS SDC

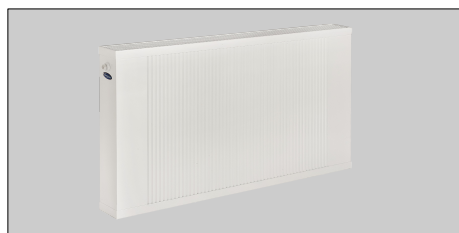


Bottom central
feed 1/2" - internal
threaded
Biult-in
thermostatic
valves Shlosser



max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]: for all lenghts of radiator SDC	50 mm
Built-in thermostatic valves	Shlosser V100
brackets bundled with the radiator	yes

REGULUS-system SOLLARIUS – thermal output



RADIATOR DESCRIPTION – AN EXAMPLE:

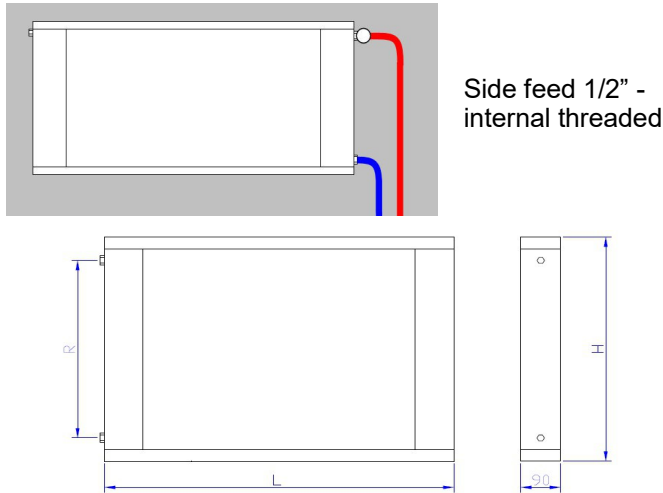
SOLLARIUS SD 6 / 120

NAME _____ LENGTH _____
TYPE OF CONNECTION _____ SYMBOL OF HEIGHT _____

Type of connection		S, SP	S,SD,SP	S,SD,SP	S,SD,SP, SDC	S,SD,SP, SDC	S,SD,SP, SDC	S,SD,SP, SDC	S,SD,SP, SDC	S,SD,SP, SDC
Symbol of height		1	2	3	4	5	6	8	10	12
Height [cm]		135	215	315	395	495	575	775	975	1175
Length [mm]	Parameters	Thermal output of the radiators [W] in accordance with PN-EN 442								
40	85/75/20	172	239	346	453	514	575	861	956	1035
	75/65/20	142	197	288	379	429	479	720	858	958
	55/45/20	84	117	173	229	258	287	435	516	574
50	85/75/20	x	328	470	612	727	842	1163	1325	1516
	75/65/20	x	271	392	512	607	701	972	1212	1401
	55/45/20	x	161	236	310	365	420	588	730	840
60	85/75/20	300	416	594	771	940	1109	1465	1748	1996
	75/65/20	248	344	494	644	783	922	1224	1566	1844
	55/45/20	147	204	297	390	427	553	741	943	1106
70	85/75/20	x	504	704	904	1129	1354	1717	2100	2437
	75/65/20	x	417	586	755	941	1127	1435	1882	2253
	55/45/20	x	247	352	457	567	676	869	1133	1351
80	85/75/20	426	592	814	1036	1318	1599	1968	2451	2878
	75/65/20	353	490	678	866	1099	1331	1645	2197	2662
	55/45/20	209	290	407	524	661	798	996	1322	1596
90	85/75/20	x	710	967	1227	1545	1862	2330	2873	3352
	75/65/20	x	587	807	1026	1288	1550	1949	2576	3100
	55/45/20	x	348	485	621	775	929	1179	1550	1858
100	85/75/20	595	827	1122	1417	1771	2125	2692	3294	3825
	75/65/20	492	684	935	1185	1477	1769	2252	2954	3538
	55/45/20	292	405	561	711	889	1060	1362	1777	2120
110	85/75/20	x	944	1269	1594	2007	2419	3029	3732	4354
	75/65/20	x	781	1039	1297	1655	2013	2465	3310	4026
	55/45/20	x	463	597	730	969	1207	1387	1937	2413
120	85/75/20	746	1061	1416	1771	2242	2712	3365	4169	4882
	75/65/20	632	878	1144	1409	1833	2257	2677	3666	4514
	55/45/20	374	520	632	743	1048	1353	1412	2096	2706
140	85/75/20	952	1322	1721	2119	2728	3336	4026	5182	6005
	75/65/20	787	1093	1432	1771	2274	2777	3365	4578	5554
	55/45/20	467	648	860	1072	1368	1664	2037	2736	3328
160	85/75/20	1140	1583	2031	2478	3213	3948	x	x	x
	75/65/20	942	1308	1698	2071	2679	3287	x	x	x
	55/45/20	558	775	1015	1254	1622	1970	x	x	x
180	85/75/20	1335	1854	2341	2828	3622	4416	x	x	x
	75/65/20	1130	1532	1948	2363	3020	3676	x	x	x
	55/45/20	654	908	1170	1431	1817	2203	x	x	x
200	85/75/20	1529	2124	2693	3162	4035	4908	x	x	x
	75/65/20	1264	1756	2199	2642	3364	4086	x	x	x
	55/45/20	750	1041	1320	1599	2024	2449	x	x	x

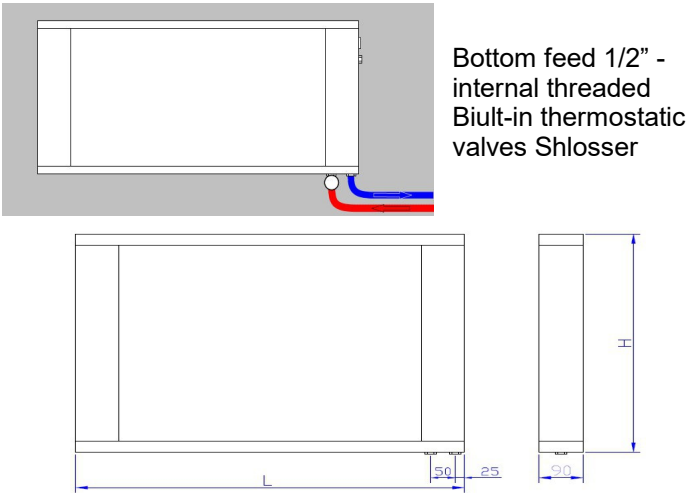
REGULUS-system SOLLARIUS PLAN – technical data

TYPE SOLLARIUS PLAN S



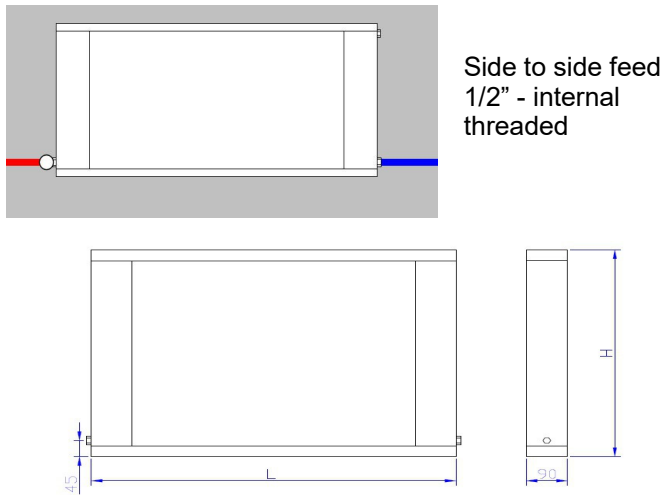
max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]:	
Type S1 – H = 135 mm	R = 45 mm
Type S2 – H = 215 mm	R = 90 mm
Type S3 – H = 315 mm	R = 135 mm
Type S4 – H = 395 mm	R = 270 mm
Type S5 – H = 495 mm	R = 360 mm
Type S6 – H = 575 mm	R = 450 mm (optional – 500)
Type S8 – H = 775 mm	R = 630 mm
Type S10 – H = 975 mm	R = 810 mm
Type S12 – H = 1175 mm	R = 990 mm
brackets bundled with the radiator	yes

TYPE SOLLARIUS PLAN SD



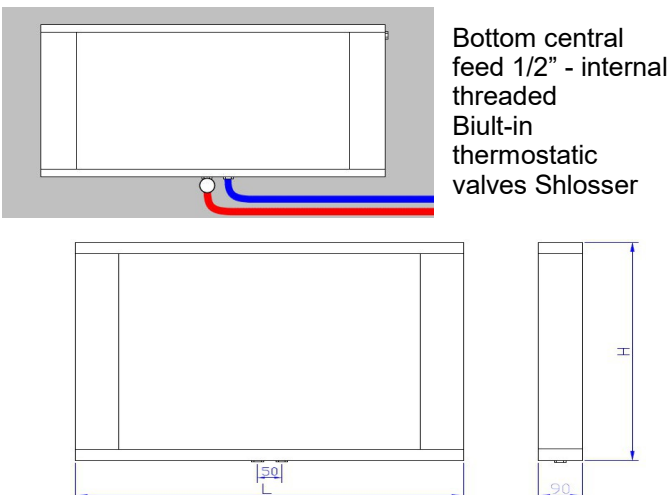
max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]: for all lengths of radiator SD	50 mm
Built-in thermostatic valves	Shlosser V100
brackets bundled with the radiator	yes

TYPE SOLLARIUS PLAN SP



max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
brackets bundled with the radiator	yes

TYPE SOLLARIUS PLAN SDC



max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]: for all lengths of radiator SDC	50 mm
Built-in thermostatic valves	Shlosser V100
brackets bundled with the radiator	yes

REGULUS-system SOLLARIUS PLAN – thermal output



RADIATOR DESCRIPTION – AN EXAMPLE:

SOLLARIUS PLAN SD 6 / 120

NAME

LENGTH

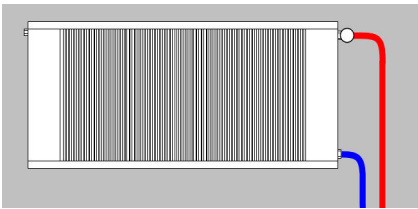
TYPE OF CONNECTION

SYMBOL OF HEIGHT

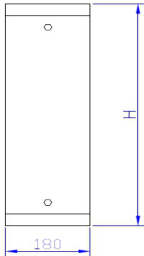
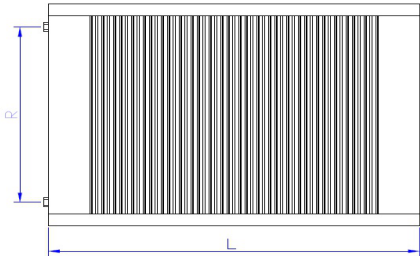
Type of connection		S, SP	S,SD,SP	S,SD,SP	S,SD,SP, SDC	S,SD,SP, SDC	S,SD,SP, SDC	S,SD,SP, SDC	S,SD,SP, SDC	S,SD,SP, SDC
Symbol of height		1	2	3	4	5	6	8	10	12
Height [mm]		135	215	315	395	495	575	775	975	1175
Length [cm]	Parameters	Thermal output of the radiators [W] in accordance with PN-EN 442								
40	85/75/20	155	215	311	408	463	518	775	860	932
	75/65/20	128	177	259	341	386	431	648	772	862
	55/45/20	76	105	156	206	232	258	392	464	517
50	85/75/20	x	295	423	551	654	758	1047	1193	1364
	75/65/20	x	244	353	461	546	631	875	1091	1261
	55/45/20	x	145	212	279	329	378	529	657	756
60	85/75/20	270	374	535	694	846	998	1319	1573	1796
	75/65/20	223	310	445	580	705	830	1102	1409	1660
	55/45/20	132	184	267	351	384	498	667	849	995
70	85/75/20	x	454	634	814	1016	1219	1545	1890	2193
	75/65/20	x	375	527	680	847	1014	1292	1694	2028
	55/45/20	x	222	317	411	510	608	782	1020	1216
80	85/75/20	383	533	733	932	1186	1439	1771	2206	2590
	75/65/20	318	441	610	779	989	1198	1481	1977	2396
	55/45/20	188	261	366	472	595	718	896	1190	1436
90	85/75/20	x	639	870	1104	1391	1676	2097	2586	3017
	75/65/20	x	528	726	923	1159	1395	1754	2318	2790
	55/45/20	x	313	437	559	698	836	1061	1395	1672
100	85/75/20	536	744	1010	1275	1594	1913	2423	2965	3443
	75/65/20	443	616	842	1067	1329	1592	2027	2659	3184
	55/45/20	263	365	505	640	800	954	1226	1599	1908
110	85/75/20	x	850	1142	1435	1806	2177	2726	3359	3919
	75/65/20	x	703	935	1167	1490	1812	2219	2979	3623
	55/45/20	x	417	537	657	872	1086	1248	1743	2172
120	85/75/20	671	955	1274	1594	2018	2441	3029	3752	4394
	75/65/20	569	790	1030	1268	1650	2031	2409	3299	4063
	55/45/20	337	468	569	669	943	1218	1271	1886	2435
140	85/75/20	857	1190	1549	1907	2455	3002	3623	4664	5405
	75/65/20	708	984	1289	1594	2047	2499	3029	4120	4999
	55/45/20	420	583	774	965	1231	1498	1833	2462	2995
160	85/75/20	1026	1425	1828	2230	2892	3553	x	x	x
	75/65/20	848	1177	1528	1864	2411	2958	x	x	x
	55/45/20	502	698	914	1129	1460	1773	x	x	x
180	85/75/20	1202	1669	2107	2545	3260	3974	x	x	x
	75/65/20	1017	1379	1753	2127	2718	3308	x	x	x
	55/45/20	589	817	1053	1288	1635	1983	x	x	x
200	85/75/20	1376	1912	2424	2846	3632	4417	x	x	x
	75/65/20	1138	1580	1979	2378	3028	3677	x	x	x
	55/45/20	675	937	1188	1439	1822	2204	x	x	x

REGULUS-system SOLLARIUS DUBEL – technical data

TYPE SOLLARIUS DUBEL S

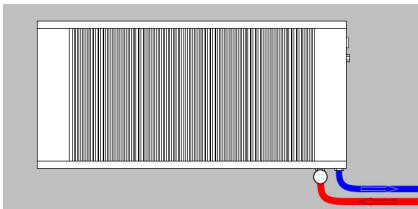


Side feed 1/2" -
internal threaded

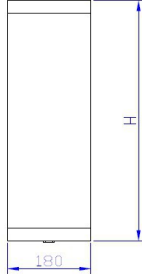
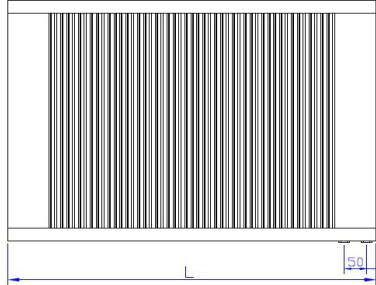


max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]:	
Type S1 – H = 135 mm	R = 45 mm
Type S2 – H = 215 mm	R = 90 mm
Type S3 – H = 315 mm	R = 135 mm
Type S4 – H = 395 mm	R = 270 mm
Type S5 – H = 495 mm	R = 360 mm
Type S6 – H = 575 mm	R = 450 mm (optional – 500)
brackets bundled with the radiator	yes

TYPE SOLLARIUS DUBEL SD

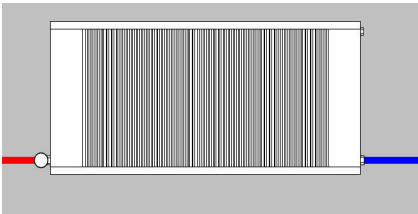


Bottom feed 1/2" -
internal threaded
Biult-in thermostatic
valves Shlosser

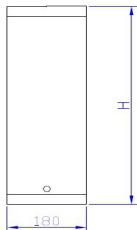
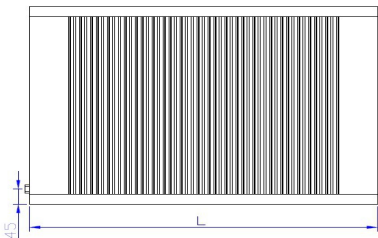


max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]: for all lengths of radiator SD	50 mm
Built-in thermostatic valves	Shlosser V100
brackets bundled with the radiator	yes

TYPE SOLLARIUS SP

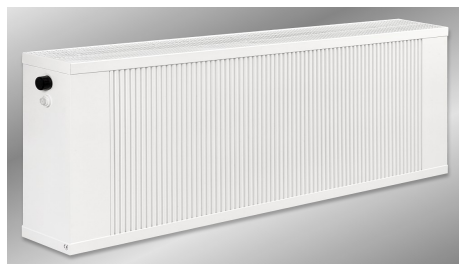


Side to side feed
1/2" - internal
threaded



max. working preasure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
brackets bundled with the radiator	yes

REGULUS-system SOLLARIUS DUBEL – thermal output



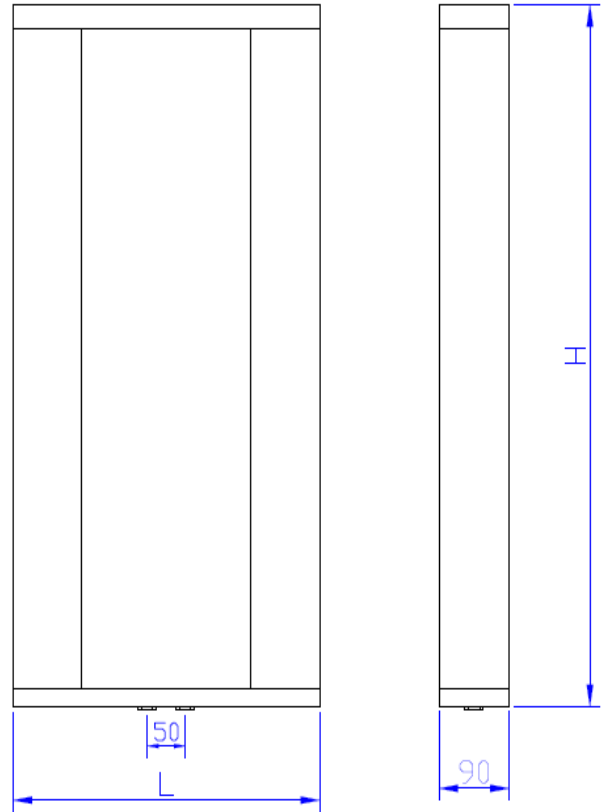
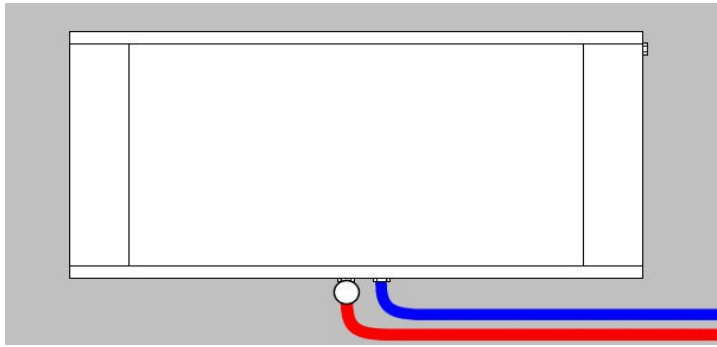
RADIATOR DESCRIPTION – AN EXAMPLE:

SOLLARIUS DUBEL SD 6 / 120

NAME _____ LENGTH _____
TYPE OF CONNECTION _____ SYMBOL OF HEIGHT _____

Type of connection		S, SD, SP	S, SD, SP	S,SD,SP	S,SD,SP	S,SD,SP	S,SD,SP
Symbol of height		1	2	3	4	5	6
Height [mm]		135	215	315	395	495	575
Length [cm]	Parameters	Thermal output of the radiators [W] in accordance with PN-EN 442					
40	85/75/20	310	430	623	815	925	1035
	75/65/20	256	355	518	682	772	862
	55/45/20	151	211	311	412	464	517
60	85/75/20	540	749	1069	1388	1692	1996
	75/65/20	446	619	889	1159	1409	1660
	55/45/20	265	367	535	702	850	995
80	85/75/20	767	1066	1465	1865	2372	2878
	75/65/20	635	882	1220	1559	1978	2396
	55/45/20	376	522	733	943	1190	1436
100	85/75/20	1071	1489	2020	2551	3188	3825
	75/65/20	886	1231	1683	2133	2659	3184
	55/45/20	526	792	1010	1291	1600	1908
120	85/75/20	1375	1910	2549	3188	4036	4882
	75/65/20	1138	1580	2059	2536	3299	4063
	55/45/20	673	936	1138	1337	1886	2435
140	85/75/20	1714	2380	3098	3814	4910	6005
	75/65/20	1417	1967	2578	3188	4093	4999
	55/45/20	841	1166	1548	1930	2462	2995
160	85/75/20	2052	2849	x	x	x	x
	75/65/20	1696	2354	x	x	x	x
	55/45/20	1004	1395	x	x	x	x
180	85/75/20	2403	3337	x	x	x	x
	75/65/20	1985	2758	x	x	x	x
	55/45/20	1177	1634	x	x	x	x
200	85/75/20	2752	3823	x	x	x	x
	75/65/20	2275	3161	x	x	x	x
	55/45/20	1350	1874	x	x	x	x

REGULUS-system SOLLARIUS DECOR – technical data



max. working pressure [bar]	15
max. working temperature [°C]	110
connection	1/2" internal thread
mounting distancess [mm]: for all lengths of radiator RDC	50 mm
Built-in thermostatic valves	without
brackets bundled with the radiator	yes

REGULUS-system SOLLARIUS DECOR – thermal output

SOLLARIUS DECOR	Length (mm)	Height (mm)	Parameters (W) 85/75/20	Parameters (W) 75/65/20	Parameters (W) 55/45/20
DEC8/040	400	775	732	590	348
DEC8/050	500		988	797	470
DEC8/060	600		1245	1004	592
DEC8/070	700		1459	1176	695
DEC8/080	800		1673	1349	797
DEC10/040	400	975	813	704	413
DEC10/050	500		1149	994	584
DEC10/060	600		1486	1284	754
DEC10/070	700		1785	1543	906
DEC10/080	800		2083	1802	1057
DEC12/040	400	1175	880	785	459
DEC12/050	500		1289	1149	672
DEC12/060	600		1697	1512	885
DEC12/070	700		2071	1847	1081
DEC12/080	800		2446	2183	1278
DEC14/040	400	1400	1311	1055	619
DEC14/050	500		1854	1493	876
DEC14/060	600		2397	1926	1133
DEC14/070	700		2879	2314	1361
DEC14/080	800		3361	2703	1586
DEC16/040	400	1590	1414	1137	665
DEC16/050	500		2049	1647	964
DEC16/060	600		2684	2154	1226
DEC16/070	700		3261	2620	1535
DEC16/080	800		3839	3084	1805
DEC18/040	400	1750	1696	1366	802
DEC18/050	500		2374	1913	1124
DEC18/060	600		3052	2454	1337
DEC18/070	700		3647	2934	1726
DEC18/080	800		4241	3414	2005
DEC20/040	400	1940	1799	1448	849
DEC20/050	500		2569	2068	1212
DEC20/060	600		3339	2682	1467
DEC20/070	700		4029	3239	1901
DEC20/080	800		4720	3794	2224