

With its six columns, TESI 6 is the version of the TESI range that provides the highest caloric intake. The TESI radiators represent the most functional, modular and elegant system for heating all environments, even large ones. TESI 6 has a depth of 215 mm and heights from 200 to 2500 mm.



Tesi 6, 25 elements, Hight 500 mm, Lenght 1125 mm, Edelweiss White

Construction features

tubes made of 25 mm diameter sheet steel

manifolds made of pressed sheet steel

elements 45 mm long (element pitch)

threading 1"1/4 G right and left on top and bottom manifold

maximum working pressure 10 bar

maximum working temperature 95°C

Standard equipment

4 Universal brackets for Tesi (except for very small batteries)

4 connections with reductions 1 "1/4 to 1/2" for Tesi white and colored, mounted on the radiator

1 1/2" air vent

1 cover for 1/2" blind plug

Certifications



Plus



Technical data

Model	Deph (mm)	Height (mm)	Conn. C. (mm)	Weigth (kg)	Capacity (lt)	$\Delta t=50^{\circ}\text{C}$ (btu/h)	$\Delta t=50^{\circ}\text{C}$ (kcal/h)	$\Delta t=50^{\circ}\text{C}$ (Watt)	$\Delta t=40^{\circ}\text{C}$ (Watt)	$\Delta t=30^{\circ}\text{C}$ (Watt)	$\Delta t=20^{\circ}\text{C}$ (Watt)	Exponent
200	215,0	200	127	0,97	0,86	109,7	32,1	37,4	27,5	18,5	10,6	1,374
300	215,0	300	235	1,35	1,13	178,1	52,2	60,7	45,5	31,4	18,6	1,293
350	215,0	350	285	1,53	1,25	204,3	59,9	69,6	52,1	35,8	21,1	1,302
365	215,0	365	300	1,58	1,29	212,2	62,2	72,3	54,0	37,1	21,9	1,304
400	215,0	400	335	1,71	1,38	230,2	67,5	78,5	58,6	40,2	23,6	1,310
450	215,0	450	385	1,89	1,50	255,8	75,0	87,2	65,0	44,4	26,0	1,319
500	215,0	500	435	2,06	1,63	281,1	82,4	95,8	71,2	48,6	28,4	1,327
535	215,0	535	470	2,19	1,71	298,7	87,5	101,8	75,6	51,5	30,0	1,333
550	215,0	550	485	2,24	1,75	306,1	89,7	104,3	77,4	52,7	30,7	1,336
565	215,0	565	500	2,29	1,79	313,6	91,9	106,9	79,3	54,0	31,4	1,339
600	215,0	600	535	2,42	1,88	331,0	97,0	112,8	83,6	56,8	32,9	1,345
650	215,0	650	585	2,60	2,00	355,7	104,3	121,2	89,6	60,7	35,1	1,353
665	215,0	665	600	2,65	2,04	363,1	106,4	123,7	91,4	61,9	35,7	1,356
685	215,0	685	620	2,72	2,09	372,9	109,3	127,1	93,8	63,5	36,6	1,359
750	215,0	750	685	2,95	2,25	404,7	118,6	137,9	101,6	68,5	39,3	1,370
765	215,0	765	700	3,01	2,29	412,0	120,7	140,4	103,3	69,6	39,9	1,373
815	215,0	815	750	3,18	2,41	436,2	127,8	148,7	109,2	73,4	41,9	1,381
865	215,0	865	800	3,36	2,54	460,3	134,9	156,9	115,0	77,1	43,9	1,390
885	215,0	885	820	3,43	2,59	470,0	137,7	160,2	117,4	78,6	44,7	1,394
900	215,0	900	835	3,48	2,62	477,2	139,8	162,6	119,1	79,7	45,2	1,396
1000	215,0	1000	935	3,84	2,87	525,0	153,9	178,9	131,3	88,1	50,2	1,388
1200	215,0	1200	1135	4,89	3,33	619,8	181,6	211,2	155,5	104,8	60,1	1,371
1500	215,0	1500	1435	6,06	4,06	760,2	222,8	259,1	191,9	130,3	75,5	1,346
1800	215,0	1800	1735	7,22	4,80	899,3	263,6	306,5	227,6	155,1	90,3	1,334

2000	215,0	2000	1935	8,00	5,29	991,5	290,6	337,9	251,1	171,3	99,9	1,330
2200	215,0	2200	2135	8,78	5,78	1.083,5	317,6	369,3	274,6	187,5	109,5	1,327
2500	215,0	2500	2435	9,94	6,51	1.221,3	357,9	416,2	309,9	211,9	124,0	1,322

Thanks to the high performance of Irsap TESI 6 radiators, the ideal Δt for low temperature projects is Δt at 30°C.

For Δt different from 50°C use the formula: $Q=Q_n (\Delta t / 50)^n$

Standard equipment

• 4 Universal brackets for Tesi (except for very small batteries) • 4 connections with reductions 1 “1/4 to 1/2” for Tesi white and colored, mounted on the radiator • 1 1/2” air vent • 1 cover for 1/2” blind plug

Data Set

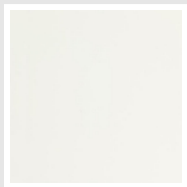
Length (mm) sub>	NÂ° Elements		200	300	350	365	400	450	500	535	550	565	600	650	665	685	750	765	815	865	885	900	1000	1200	1500	1800	2000
90	2	Watt																									
		=																									
		W	75	121	139	145	157	174	192	204	209	214	226	242	247	254	276	281	297	314	320	325	358	422	518	613	676
135	3	Watt																									
		=																									
		W	112	182	209	217	235	262	287	305	313	321	338	364	371	381	414	421	446	471	480	488	537	634	777	919	1014
180	4	Watt																									
		=																									
		W	149	243	279	289	314	349	383	407	417	428	451	485	495	508	552	562	595	628	641	650	716	845	1036	1226	1352
225	5	Watt																									
		=																									
		W	187	304	348	362	392	436	479	509	522	534	564	606	619	635	690	702	743	784	801	813	895	1056	1295	1532	1690
270	6	Watt																									
		=																									
		W	224	364	418	434	471	523	575	611	626	641	677	727	742	763	827	842	892	941	961	976	1074	1267	1554	1839	2027
315	7	Watt																									
		=																									
		W	262	425	487	506	549	610	671	712	730	748	790	849	866	890	965	983	1041	1098	1121	1138	1252	1478	1813	2145	2365
360	8	Watt																									
		=																									
		W	299	486	557	578	628	697	766	814	835	855	902	970	990	1017	1103	1123	1189	1255	1281	1301	1431	1690	2073	2452	2703
405	9	Watt																									
		=																									
		W	336	546	627	651	706	785	862	916	939	962	1015	1091	1114	1144	1241	1264	1338	1412	1441	1464	1610	1901	2332	2758	3047
450	10	Watt																									
		=																									
		W	374	607	696	723	785	872	958	1018	1043	1069	1128	1212	1237	1271	1379	1404	1487	1569	1602	1626	1789	2112	2591	3065	3379
495	11	Watt																									
		=																									
		W	411	668	766	795	863	959	1054	1120	1148	1176	1241	1334	1361	1398	1517	1544	1635	1726	1762	1789	1968	2323	2850	3371	3717
540	12	Watt																									
		=																									
		W	448	729	836	868	942	1046	1149	1221	1252	1283	1354	1455	1485	1525	1655	1685	1784	1883	1922	1951	2147	2535	3109	3678	4055
585	13	Watt																									
		=																									
		W	486	789	905	940	1020	1133	1245	1323	1356	1389	1467	1576	1609	1652	1793	1825	1933	2039	2082	2114	2326	2746	3368	3984	4393
630	14	Watt																									
		=																									
		W	523	850	975	1012	1098	1220	1341	1425	1461	1496	1579	1697	1732	1779	1931	1966	2081	2196	2242	2277	2505	2957	3627	4291	4731

Length (mm) sub>	NÂ° Elements		200	300	350	365	400	450	500	535	550	565	600	650	665	685	750	765	815	865	885	900	1000	1200	1500	1800	2000
675	15	Watt = W =	561	911	1045	1084	1177	1308	1437	1527	1565	1603	1692	1818	1856	1906	2069	2106	2230	2353	2402	2439	2684	3168	3886	4597	5069
720	16	Watt = W =	598	971	1114	1157	1255	1395	1533	1628	1669	1710	1805	1940	1980	2033	2207	2246	2379	2510	2563	2602	2863				
765	17	Watt = W =	635	1032	1184	1229	1334	1482	1628	1730	1774	1817	1918	2061	2104	2161	2344	2387	2527	2667	2723	2765	3042				
810	18	Watt = W =	673	1093	1254	1301	1412	1569	1724	1832	1878	1924	2031	2182	2227	2288	2482	2527	2676	2824	2883	2927	3221				
855	19	Watt = W =	710	1153	1323	1374	1491	1656	1820	1934	1982	2031	2143	2303	2351	2415	2620	2668	2825	2981	3043	3090	3399				
900	20	Watt = W =	747	1214	1393	1446	1569	1743	1916	2036	2087	2138	2256	2425	2475	2542	2758	2808	2973	3138	3203	3252	3578				
945	21	Watt = W =	785	1275	1462	1518	1648	1831	2012	2137	2191	2244	2369	2546	2599	2669	2896	2948	3122	3294	3363	3415	3757				
990	22	Watt = W =	822	1336	1532	1591	1726	1918	2107	2239	2295	2351	2482	2667	2722	2796	3034	3089	3271	3451	3524	3578	3936				
1035	23	Watt = W =	860	1396	1602	1663	1805	2005	2203	2341	2400	2458	2595	2788	2846	2923	3172	3229	3419	3608	3684	3740	4115				
1080	24	Watt = W =	897	1457	1671	1735	1883	2092	2299	2443	2504	2565	2707	2910	2970	3050	3310	3370	3568	3765	3844	3903	4294				
1125	25	Watt = W =	934	1518	1741	1808	1961	2179	2395	2544	2608	2672	2820	3031	3094	3177	3448	3510	3716	3922	4004	4066	4473				
1170	26	Watt = W =	972	1578	1811	1880	2040	2266	2491	2646	2713	2779	2933	3152	3217												
1215	27	Watt = W =	1009	1639	1880	1952	2118	2354	2586	2748	2817	2886	3046	3273	3341												

Length (mm) sub>	NÂ° Elements		200	300	350	365	400	450	500	535	550	565	600	650	665	685	750	765	815	865	885	900	1000	1200	1500	1800	2000
1260	28	Watt = W =	1046	1700	1950	2024	2197	2441	2682	2850	2921	2993	3159	3394	3465												
1305	29	Watt = W =	1084	1761	2020	2097	2275	2528	2778	2952	3026	3100	3271	3516	3588												
1350	30	Watt = W =	1121	1821	2089	2169	2354	2615	2874	3053	3130	3206	3384	3637	3712												
1395	31	Watt = W =	1158	1882	2159	2241	2432	2702	2969	3155	3234	3313	3497	3758	3836												
1440	32	Watt = W =	1196	1943	2228	2314	2511	2789	3065	3257	3339	3420	3610	3879	3960												
1485	33	Watt = W =	1233	2003	2298	2386	2589	2877	3161	3359	3443	3527	3723	4001	4083												
1530	34	Watt = W =	1271	2064	2368	2458	2668	2964	3257	3461	3547	3634	3836	4122	4207												
1575	35	Watt = W =	1308	2125	2437	2530	2746	3051	3353	3562	3652	3741	3948	4243	4331												
1620	36	Watt = W =	1345	2186	2507	2603	2825	3138	3448	3664	3756																
1665	37	Watt = W =	1383	2246	2577	2675	2903	3225	3544	3766	3860																
1710	38	Watt = W =	1420	2307	2646	2747	2981	3312	3640	3868	3965																
1755	39	Watt = W =	1457	2368	2716	2820	3060	3400	3736	3969	4069																
1800	40	Watt = W =	1495	2428	2786	2892	3138	3487	3832	4071	4173																

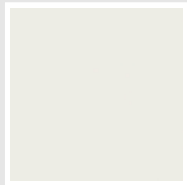
Colors and Finishes

STANDARD



Standard White
Cod. 01

CLASSIC



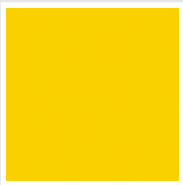
Edelweiss White
Cod. 34



Ivory - RAL 1013
Cod. 02



Beige Cream
Cod. 26



Yellow - RAL 1021
Cod. 04



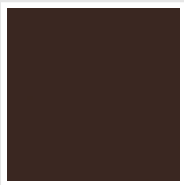
Melon Yellow - RAL 1028
Cod. E7



Orange - RAL 2004
Cod. 17



Brown Rust - RAL 8004
Cod. E1



Brown - RAL 8017
Cod. 09



Claret - RAL 3003
Cod. 06



Red - RAL 3000
Cod. 05



Strawberry Red - RAL 3018
Cod. Y3



Pink - RAL 3015
Cod. R2



Bluish Lilac - RAL 4005
Cod. R3



Purple Traffic - RAL 4006
Cod. R6



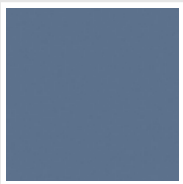
Woodland Green - RAL 6005
Cod. 19



Green Grass - RAL 6018
Cod. N3



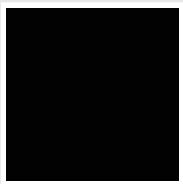
Sage Green - RAL 6021
Cod. E6



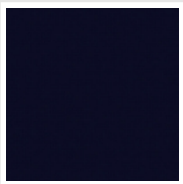
Pastel Blue - RAL 5024
Cod. G7



Manhattan Grey
Cod. 03

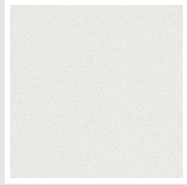


Black - RAL 9005
Cod. 10



Deep Blue
Cod. 2F

SPECIAL



Pearl White
Cod. 16



Quartz 1
Cod. 1C



Sablé
Cod. Y4



Quartz 2
Cod. 2C



Sunstone
Cod. 2D



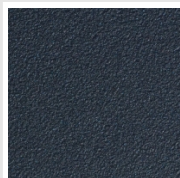
Tobacco Brown
Cod. 1B



Flame Red
Cod. 7D



Purple Blue
Cod. 1D



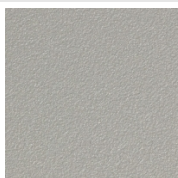
Azurite 3
Cod. 6C



Medium Grey
Cod. 4D



**Titanium Grey
Metallic - RAL 9023**
Cod. L3



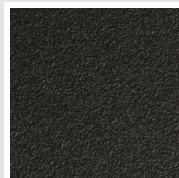
Pearl Grey
Cod. L6



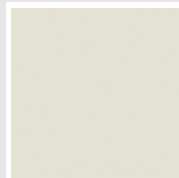
Graphite Black
Cod. 18



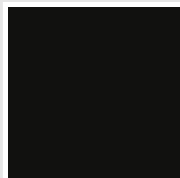
Quartz Grey
Cod. 31



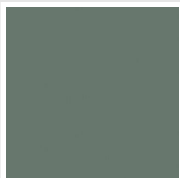
Satin Black
Cod. 30



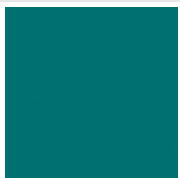
Matt White
Cod. J8



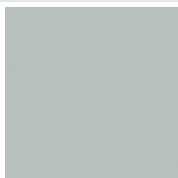
Matt Black
Cod. K1



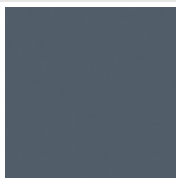
Agave
Cod. 9N



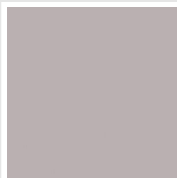
North Sea Blue
Cod. 1P



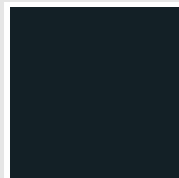
Ice
Cod. 3P



**Matt Blue Dove -
RAL 5014**
Cod. 4P



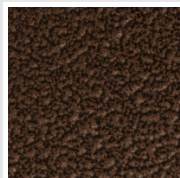
Matt Light Grey
Cod. 8N



Ash Grey - Ral 7021
Cod. G1

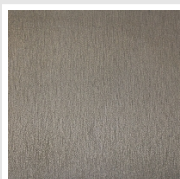


**Hammered Grey
Metallic**
Cod. 32



Hammered Copper
Cod. J4

FINISHES



Loft Finishing
Cod. TR

RAL



Other RAL Colours (following feasibility study)
Cod. ALTRIRAL

The Colors used in this folder are not considered binding. The different technological painting processes and the materials used for the realization can not have a perfect color match with the delivered product. Irsap company reserves the right to introduce at any time whatever modifications necessary to the improvement of the product.