
Thanks to the four columns and high performance, TESI 4 is suitable for environments that require high caloric power. The TESI radiators represent the most functional, modular and elegant system for heating all environments. TESI 4 has a depth of 139 mm and heights from 200 to 2500 mm.



Tesi 4, 30 elements, Hight 565 mm, Lenght 1350 mm, Flame Red

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	139,0	200	127	0,69	0,60	76,2	22,3	26,0	19,3	13,2	7,7	1,326
300	139,0	300	235	1,00	0,75	123,5	36,2	42,1	31,8	22,1	13,3	1,258
350	139,0	350	285	1,14	0,83	142,0	41,6	48,4	36,5	25,4	15,2	1,265
365	139,0	365	300	1,19	0,85	147,5	43,2	50,3	37,9	26,3	15,7	1,267
400	139,0	400	335	1,29	0,91	160,3	47,0	54,6	41,1	28,5	17,0	1,272
450	139,0	450	385	1,43	0,99	178,4	52,3	60,8	45,7	31,6	18,8	1,279
500	139,0	500	435	1,58	1,07	196,3	57,5	66,9	50,2	34,7	20,6	1,286
535	139,0	535	470	1,68	1,12	208,8	61,2	71,2	53,3	36,8	21,8	1,291
550	139,0	550	485	1,72	1,15	214,1	62,8	73,0	54,7	37,7	22,3	1,293
565	139,0	565	500	1,76	1,17	219,4	64,3	74,8	56,0	38,6	22,8	1,296
600	139,0	600	535	1,87	1,23	231,8	67,9	79,0	59,1	40,6	24,0	1,300
650	139,0	650	585	2,01	1,30	249,3	73,1	85,0	63,5	43,6	25,6	1,307
665	139,0	665	600	2,05	1,33	254,5	74,6	86,7	64,8	44,4	26,1	1,310
685	139,0	685	620	2,11	1,36	261,5	76,6	89,1	66,5	45,6	26,8	1,312
750	139,0	750	685	2,30	1,46	284,0	83,2	96,8	72,1	49,3	28,8	1,322
765	139,0	765	700	2,34	1,49	289,2	84,8	98,6	73,3	50,1	29,3	1,324
815	139,0	815	750	2,48	1,57	306,4	89,8	104,4	77,6	52,9	30,9	1,331
865	139,0	865	800	2,63	1,64	323,5	94,8	110,3	81,8	55,7	32,4	1,338
885	139,0	885	820	2,69	1,68	330,4	96,8	112,6	83,5	56,8	33,0	1,341
900	139,0	900	835	2,73	1,70	335,5	98,3	114,3	84,7	57,6	33,4	1,343
1000	139,0	1000	935	3,02	1,86	369,4	108,3	125,9	93,4	63,5	36,9	1,340
1200	139,0	1200	1135	3,60	2,17	436,6	128,0	148,8	110,5	75,2	43,8	1,335
1500	139,0	1500	1435	4,48	2,63	535,9	157,1	182,6	135,8	92,7	54,1	1,328
1800	139,0	1800	1735	5,35	3,11	633,9	185,8	216,0	160,9	110,0	64,4	1,321

2000	139,0	2000	1935	5,92	3,44	698,7	204,8	238,1	177,5	121,5	71,3	1,317
2200	139,0	2200	2135	6,50	3,76	763,0	223,6	260,0	194,0	133,0	78,1	1,312
2500	139,0	2500	2435	7,36	4,25	859,1	251,8	292,8	218,8	150,2	88,5	1,306

Thanks to the high performance of Irsap TESI 4 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

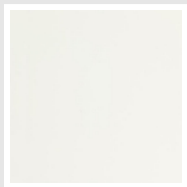
Length (mm) sub>	NÂ° Elements		200	300	350	365	400	450	500	535	550	565	600	650	665	685	750	765	815	865	885	900	1000	1200	1500	1800	2000
90	2	Watt = W =	52	84	97	101	109	122	134	142	146	150	158	170	173	178	194	197	209	221	225	229	252	298	365	432	476
135	3	Watt = W =	78	126	145	151	164	182	201	213	219	224	237	255	260	267	290	296	313	331	338	343	378	446	548	648	714
180	4	Watt = W =	104	168	194	201	218	243	268	285	292	299	316	340	347	356	387	394	418	441	450	457	504	595	731	864	952
225	5	Watt = W =	130	210	242	251	273	304	334	356	365	374	395	425	434	446	484	493	522	551	563	572	630	744	913	1080	1190
270	6	Watt = W =	156	252	290	302	328	365	401	427	438	449	474	510	520	535	581	591	627	662	676	686	755	893	1096	1296	1429
315	7	Watt = W =	182	295	339	352	382	426	468	498	511	523	553	595	607	624	678	690	731	772	788	800	881	1042	1278	1512	1667
360	8	Watt = W =	208	337	387	402	437	486	535	569	584	598	632	680	694	713	774	788	835	882	901	915	1007	1190	1461	1728	1909
405	9	Watt = W =	234	379	436	452	492	547	602	640	657	673	711	765	781	802	871	887	940	992	1013	1029	1133	1339	1644	1944	2143
450	10	Watt = W =	260	421	484	503	546	608	669	712	730	748	790	850	867	891	968	986	1044	1103	1126	1143	1259	1488	1826	2160	2381
495	11	Watt = W =	286	463	532	553	601	669	736	783	803	822	869	934	954	980	1065	1084	1149	1213	1238	1258	1385	1637	2009	2376	2619
540	12	Watt = W =	312	505	581	603	655	729	803	854	876	897	948	1019	1041	1069	1161	1183	1253	1323	1351	1372	1511	1785	2192	2592	2857
585	13	Watt = W =	338	547	629	654	710	790	870	925	948	972	1027	1104	1128	1158	1258	1281	1357	1433	1464	1486	1637	1934	2374	2808	3099
630	14	Watt = W =	364	589	677	704	765	851	937	996	1021	1047	1106	1189	1214	1248	1355	1380	1462	1544	1576	1601	1763	2083	2557	3024	3333

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 =	390	631	726	754	819	912	1004	1067	1094	1122	1185	1274	1301	1337	1452	1478	1566	1654	1689	1715	1888	2232	2739	3240	3572
720	16	Watt = W =	416	673	774	804	874	973	1070	1138	1167	1196	1264	1359	1388	1426	1549	1577	1671	1764	1801	1829	2014	2381	2922	3456	3810
765	17	Watt = W =	442	715	823	855	929	1033	1137	1210	1240	1271	1343	1444	1475	1515	1645	1676	1775	1874	1914	1944	2140	2529	3105	3673	4048
810	18	Watt = W =	468	757	871	905	983	1094	1204	1281	1313	1346	1422	1529	1561	1604	1742	1774	1880	1985	2027	2058	2266	2678	3287	3889	4286
855	19	Watt = W =	494	800	919	955	1038	1155	1271	1352	1386	1421	1501	1614	1648	1693	1839	1873	1984	2095	2139	2172	2392	2827	3470	4105	4524
900	20	Watt = W =	520	842	968	1005	1092	1216	1338	1423	1459	1495	1580	1699	1735	1782	1936	1971	2088	2205	2252	2287	2518	2976	3653	4321	4762
945	21	Watt = W =	546	884	1016	1056	1147	1277	1405	1494	1532	1570	1659	1784	1822	1871	2033	2070	2193	2315	2364	2401	2644	3125	3835	4537	5000
990	22	Watt = W =	572	926	1065	1106	1202	1337	1472	1565	1605	1645	1738	1869	1908	1960	2129	2168	2297	2426	2477	2515	2770	3273	4018	4753	5238
1035	23	Watt = W =	598	968	1113	1156	1256	1398	1539	1636	1678	1720	1817	1954	1995	2050	2226	2267	2402	2536	2590	2630	2896				
1080	24	Watt = W =	624	1010	1161	1206	1311	1459	1606	1708	1751	1794	1896	2039	2082	2139	2323	2365	2506	2646	2702	2744	3022				
1125	25	Watt = W =	650	1052	1210	1257	1366	1520	1673	1779	1824	1869	1974	2124	2168	2228	2420	2464	2610	2756	2815	2858	3148				
1170	26	Watt = W =	675	1094	1258	1307	1420	1581	1739	1850	1897	1944	2053	2209	2255	2317	2517	2563	2715	2867	2927	2973	3273				
1215	27	Watt = W =	701	1136	1307	1357	1475	1641	1806	1921	1970	2019	2132	2294	2342	2406	2613	2661	2819	2977	3040	3087	3399				

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 =	727	1178	1355	1408	1529	1702	1873	1992	2043	2094	2211	2379	2429	2495	2710	2760	2924	3087	3153	3201	3525				
1305	29	Watt = W =	753	1220	1403	1458	1584	1763	1940	2063	2116	2168	2290	2464	2515	2584	2807	2858	3028	3198	3265	3316	3651				
1350	30	Watt = W =	779	1262	1452	1508	1639	1824	2007	2134	2189	2243	2369	2548	2602	2673	2904	2957	3133	3308	3378	3430	3777				
1395	31	Watt = W =	805	1304	1500	1558	1693	1884	2074	2206	2262	2318	2448	2633	2689	2762	3000	3055									
1440	32	Watt = W =	831	1347	1548	1609	1748	1945	2141	2277	2335	2393	2527	2718	2776	2852	3097	3154									
1485	33	Watt = W =	857	1389	1597	1659	1802	2006	2208	2348	2408	2467	2606	2803	2862	2941	3194	3252									
1530	34	Watt = W =	883	1431	1645	1709	1857	2067	2275	2419	2481	2542	2685	2888	2949	3030	3291	3351									
1575	35	Watt = W =	909	1473	1694	1759	1912	2128	2342	2490	2554	2617	2764	2973	3036	3119	3388	3450									
1620	36	Watt = W =	935	1515	1742	1810	1966	2188	2408	2561	2627	2692	2843	3058	3123	3208											
1665	37	Watt = W =	961	1557	1790	1860	2021	2249	2475	2633	2700	2766	2922	3143	3209	3297											
1710	38	Watt = W =	987	1599	1839	1910	2076	2310	2542	2704	2772	2841	3001	3228	3296	3386											
1755	39	Watt = W =	1013	1641	1887	1961	2130	2371	2609	2775	2845	2916	3080	3313	3383	3475											
1800	40	Watt = W =	1039	1683	1936	2011	2185	2432	2676	2846	2918	2991	3159	3398	3470	3564											

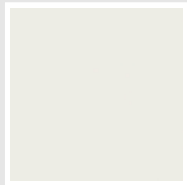
Colors and Finishes

STANDARD



Standard White
Cod. 01

CLASSIC



Edelweiss White
Cod. 34



Ivory - RAL 1013
Cod. 02



Beige Cream
Cod. 26



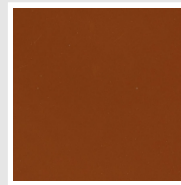
Yellow - RAL 1021
Cod. 04



Melon Yellow - RAL 1028
Cod. E7



Orange - RAL 2004
Cod. 17



Brown Rust - RAL 8004
Cod. E1



Brown - RAL 8017
Cod. 09



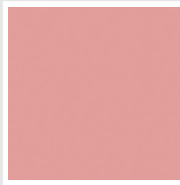
Claret - RAL 3003
Cod. 06



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



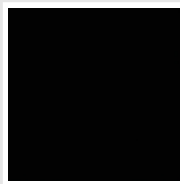
Sage Green - RAL 6021
Cod. E6



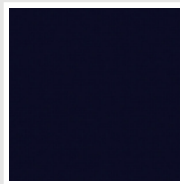
Pastel Blue - RAL 5024
Cod. G7



Manhattan Grey
Cod. 03

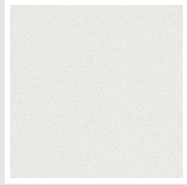


Black - RAL 9005
Cod. 10



Deep Blue
Cod. 2F

SPECIAL



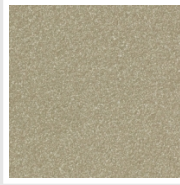
Pearl White
Cod. 16



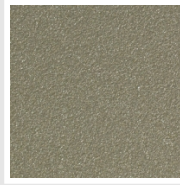
Quartz 1
Cod. 1C



Sablé
Cod. Y4



Quartz 2
Cod. 2C



Sunstone
Cod. 2D



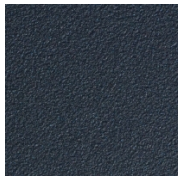
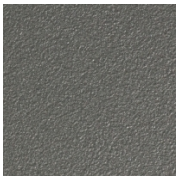
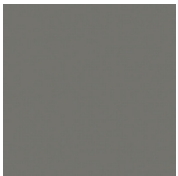
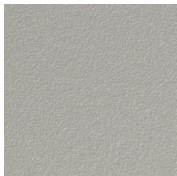
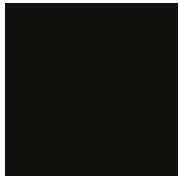
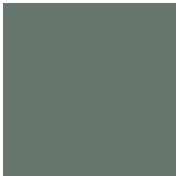
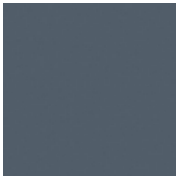
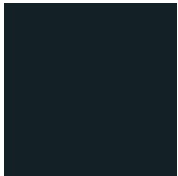
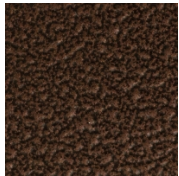
Tobacco Brown
Cod. 1B



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.