

The TESI 3 radiator is the three column version of the TESI range, with a depth of 101 mm. Thanks to the rounded shapes, which minimize the risk of accidents, TESI radiators can also be installed in public places, institutions, schools and hospitals. TESI 3 develops with heights from 200 to 2500 mm.



Tesi 3, 14 elements, Hight 1865 mm, Lenght 630 mm, Ivory - RAL 1013

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)	Δt=50°C (btu/h)	Δt=50°C (kcal/h)	Δt=50°C (Watt)	Δt=40°C (Watt)	Δt=30°C (Watt)	Δt=20°C (Watt)	Exponent
200	101,0	200	127	0,41	0,46	59,5	17,4	20,3	15,2	10,5	6,2	1,290
300	101,0	300	235	0,60	0,60	95,4	28,0	32,5	24,6	17,2	10,4	1,250
350	101,0	350	285	0,69	0,66	109,5	32,1	37,3	28,2	19,7	11,8	1,250
365	101,0	365	300	0,72	0,68	113,6	33,3	38,7	29,3	20,4	12,3	1,260
400	101,0	400	335	0,78	0,72	123,3	36,1	42,0	31,7	22,1	13,3	1,260
450	101,0	450	385	0,87	0,79	137,1	40,2	46,7	35,2	24,5	14,7	1,260
500	101,0	500	435	0,96	0,85	150,7	44,2	51,4	38,7	26,9	16,0	1,270
535	101,0	535	470	1,02	0,89	160,2	47,0	54,6	41,1	28,5	17,0	1,270
550	101,0	550	485	1,05	0,91	164,0	48,1	55,9	42,0	29,1	17,4	1,280
565	101,0	565	500	1,07	0,93	168,3	49,3	57,4	43,1	29,9	17,8	1,280
600	101,0	600	535	1,14	0,97	177,8	52,1	60,6	45,5	31,5	18,7	1,280
650	101,0	650	585	1,23	1,03	191,2	56,0	65,2	48,9	33,8	20,0	1,290
665	101,0	665	600	1,25	1,05	195,2	57,2	66,5	49,9	34,5	20,4	1,290
685	101,0	685	620	1,29	1,08	200,5	58,8	68,3	51,2	35,4	20,9	1,290
750	101,0	750	685	1,40	1,16	218,2	64,0	74,4	55,7	38,3	22,6	1,300
765	101,0	765	700	1,43	1,18	221,8	65,0	75,6	56,6	38,9	23,0	1,300
815	101,0	815	750	1,52	1,24	235,1	68,9	80,1	59,9	41,1	24,2	1,300
865	101,0	865	800	1,61	1,30	248,4	72,8	84,6	63,2	43,4	25,5	1,310
885	101,0	885	820	1,64	1,33	253,6	74,3	86,4	64,5	44,2	26,0	1,310
900	101,0	900	835	1,67	1,35	257,6	75,5	87,8	65,5	44,9	26,3	1,310
1000	101,0	1000	935	1,85	1,47	284,0	83,2	96,8	72,2	49,4	29,0	1,320
1200	101,0	1200	1135	2,37	1,70	336,7	98,7	114,8	85,5	58,4	34,2	1,320
1500	101,0	1500	1435	2,95	2,07	415,9	121,9	141,7	105,3	71,8	41,9	1,330
1800	101,0	1800	1735	3,54	2,43	495,7	145,3	168,9	125,7	85,8	50,2	1,330

2000	101,0	2000	1935	3,93	2,68	549,3	161,0	187,2	139,5	95,5	56,0	1,318
2200	101,0	2200	2135	4,32	2,92	603,5	176,9	205,7	153,5	105,3	61,9	1,310
2500	101,0	2500	2435	4,90	3,29	685,8	201,0	233,7	174,9	120,4	71,1	1,299

Thanks to the high performance of Irsap TESI 3 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

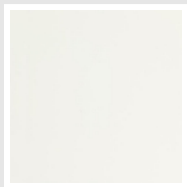
Length (mm) sub>	NÂ° Elements		200	300	350	365	400	450	500	535	550	565	600	650	665	685	750	765	815	865	885	900	1000	1200	1500	1800	2000
90	2	Watt = W =	41	65	75	77	84	93	103	109	112	115	121	130	133	137	149	151	160	169	173	176	194	230	283	338	374
135	3	Watt = W =	61	98	112	116	126	140	154	164	168	172	182	195	200	205	223	227	240	254	259	263	290	344	425	507	562
180	4	Watt = W =	81	130	149	155	168	187	205	218	224	229	242	261	266	273	297	302	321	339	346	351	387	459	567	676	749
225	5	Watt = W =	101	163	186	194	210	234	257	273	280	287	303	326	333	342	372	378	401	423	432	439	484	574	709	845	936
270	6	Watt = W =	122	195	224	232	252	280	308	328	335	344	363	391	399	410	446	454	481	508	519	527	581	689	850	1014	1123
315	7	Watt = W =	142	228	261	271	294	327	360	382	391	402	424	456	466	478	521	529	561	592	605	615	678	803	992	1182	1310
360	8	Watt = W =	162	260	298	310	336	374	411	437	447	459	485	521	532	547	595	605	641	677	692	702	774	918	1134	1351	1498
405	9	Watt = W =	183	293	336	348	378	420	462	491	503	516	545	586	599	615	669	680	721	762	778	790	871	1033	1276	1520	1689
450	10	Watt = W =	203	325	373	387	420	467	514	546	559	574	606	652	665	683	744	756	801	846	864	878	968	1148	1417	1689	1872
495	11	Watt = W =	223	358	410	426	462	514	565	601	615	631	666	717	732	752	818	832	881	931	951	966	1065	1262	1559	1858	2059
540	12	Watt = W =	243	390	448	465	504	561	616	655	671	688	727	782	798	820	892	907	962	1016	1037	1054	1161	1377	1701	2027	2247
585	13	Watt = W =	264	423	485	503	546	607	668	710	727	746	788	847	865	888	967	983	1042	1100	1124	1141	1258	1492	1843	2196	2434
630	14	Watt = W =	284	455	522	542	588	654	719	764	783	803	848	912	931	957	1041	1058	1122	1185	1210	1229	1355	1607	1984	2365	2627

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 =	304	488	560	581	630	701	771	819	838	861	909	977	998	1025	1116	1134	1202	1270	1297	1317	1452	1721	2126	2534	2808
720	16	Watt = W =	325	520	597	620	672	748	822	874	894	918	969	1042	1064	1093	1190	1210	1282	1354	1383	1405	1549	1836	2268	2703	2995
765	17	Watt = W =	345	553	634	658	715	794	873	928	950	975	1030	1108	1131	1162	1264	1285	1362	1439	1469	1493	1645	1951	2410	2872	3183
810	18	Watt = W =	365	585	671	697	757	841	925	983	1006	1033	1090	1173	1197	1230	1339	1361	1442	1524	1556	1580	1742	2066	2551	3041	3370
855	19	Watt = W =	386	618	709	736	799	888	976	1037	1062	1090	1151	1238	1264	1298	1413	1436	1522	1608	1642	1668	1839	2180	2693	3209	3557
900	20	Watt = W =	406	650	746	774	841	934	1027	1092	1118	1147	1212	1303	1330	1367	1487	1512	1603	1693	1729	1756	1936	2295	2835	3378	3744
945	21	Watt = W =	426	683	783	813	883	981	1079	1147	1174	1205	1272	1368	1397	1435	1562	1588	1683	1777	1815	1844	2033	2410	2977	3547	3931
990	22	Watt = W =	446	715	821	852	925	1028	1130	1201	1230	1262	1333	1433	1463	1503	1636	1663	1763	1862	1902	1932	2129	2525	3118	3716	4115
1035	23	Watt = W =	467	748	858	891	967	1075	1182	1256	1286	1320	1393	1498	1530	1572	1711	1739	1843	1947	1988	2019	2226	2639			
1080	24	Watt = W =	487	780	895	929	1009	1121	1233	1310	1342	1377	1454	1564	1596	1640	1785	1814	1923	2031	2075	2107	2323	2754			
1125	25	Watt = W =	507	813	932	968	1051	1168	1284	1365	1398	1434	1514	1629	1663	1708	1859	1890	2003	2116	2161	2195	2420	2869			
1170	26	Watt = W =	528	845	970	1007	1093	1215	1336	1420	1453	1492	1575	1694	1730	1777	1934	1966	2083	2201	2247	2283	2517				
1215	27	Watt = W =	548	878	1007	1045	1135	1261	1387	1474	1509	1549	1636	1759	1796	1845	2008	2041	2164	2285	2334	2371	2613				

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 =	568	910	1044	1084	1177	1308	1438	1529	1565	1606	1696	1824	1863	1914	2082	2117	2244	2370	2420	2458	2710				
1305	29	Watt = W =	588	943	1082	1123	1219	1355	1490	1583	1621	1664	1757	1889	1929	1982	2157	2192	2324	2455	2507	2546	2807				
1350	30	Watt = W =	609	975	1119	1162	1261	1402	1541	1638	1677	1721	1817	1955	1996	2050	2231	2268	2404	2539	2593	2634	2904				
1395	31	Watt = W =	629	1008	1156	1200	1303	1448	1592	1693	1733	1778	1878	2020	2062	2119	2305	2344	2484	2624	2680	2722	3000				
1440	32	Watt = W =	649	1040	1194	1239	1345	1495	1644	1747	1789	1836	1939	2085	2129	2187	2380	2419	2564	2708	2766	2810	3097				
1485	33	Watt = W =	670	1073	1231	1278	1387	1542	1695	1802	1845	1893	1999	2150	2195	2255	2454	2495	2644	2793	2853	2897	3194				
1530	34	Watt = W =	690	1105	1268	1316	1429	1588	1747	1856	1901	1951	2060	2215	2262	2324	2529	2570	2724	2878	2939	2985	3291				
1575	35	Watt = W =	710	1138	1306	1355	1471	1635	1798	1911	1956	2008	2120	2280	2328	2392	2603	2646	2805	2962	3025	3073	3388				
1620	36	Watt = W =	730	1170	1343	1394	1513	1682	1849	1966	2012	2065	2181	2345	2395	2460	2677	2722	2885	3047	3112	3161	3484				
1665	37	Watt = W =	751	1203	1380	1433	1555	1729	1901	2020	2068	2123	2241	2411	2461	2529	2752	2797	2965	3132	3198	3249	3581				
1710	38	Watt = W =	771	1235	1417	1471	1597	1775	1952	2075	2124	2180	2302	2476	2528	2597	2826	2873	3045	3216	3285	3336	3678				
1755	39	Watt = W =	791	1268	1455	1510	1639	1822	2003	2129	2180	2237	2363	2541	2594	2665	2900	2948	3125	3301	3371	3424	3775				
1800	40	Watt = W =	812	1300	1492	1549	1681	1869	2055	2184	2236	2295	2423	2606	2661	2734	2975	3024	3205	3386	3458	3512	3872				

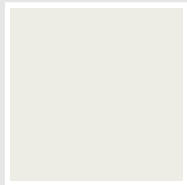
Colors and Finishes

STANDARD



Standard White
Cod. 01

CLASSIC



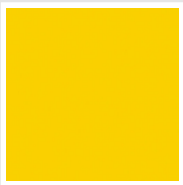
Edelweiss White
Cod. 34



Ivory - RAL 1013
Cod. 02



Beige Cream
Cod. 26



Yellow - RAL 1021
Cod. 04



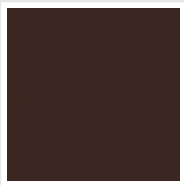
Melon Yellow - RAL 1028
Cod. E7



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



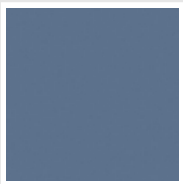
Woodland Green - RAL 6005
Cod. 19



Green Grass - RAL 6018
Cod. N3



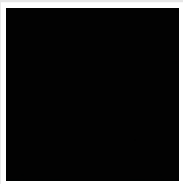
Sage Green - RAL 6021
Cod. E6



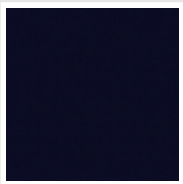
Pastel Blue - RAL 5024
Cod. G7



Manhattan Grey
Cod. 03

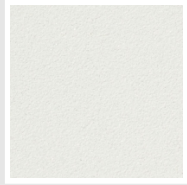


Black - RAL 9005
Cod. 10



Deep Blue
Cod. 2F

SPECIAL



Pearl White
Cod. 16



Quartz 1
Cod. 1C



Sablé
Cod. Y4



Quartz 2
Cod. 2C



Sunstone
Cod. 2D



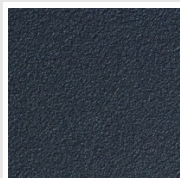
Tobacco Brown
Cod. 1B



Flame Red
Cod. 7D



Purple Blue
Cod. 1D



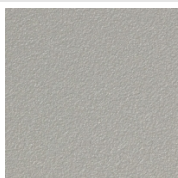
Azurite 3
Cod. 6C



Medium Grey
Cod. 4D



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



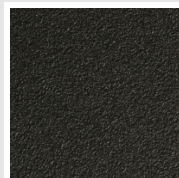
Pearl Grey
Cod. L6



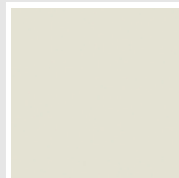
Graphite Black
Cod. 18



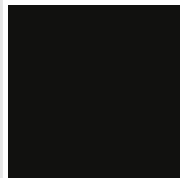
Quartz Grey
Cod. 31



Satin Black
Cod. 30



Matt White
Cod. J8



Matt Black
Cod. K1



Agave
Cod. 9N



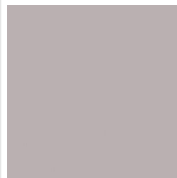
North Sea Blue
Cod. 1P



Ice
Cod. 3P



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



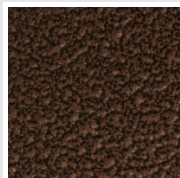
Matt Light Grey
Cod. 8N



Ash Grey - Ral 7021
Cod. G1

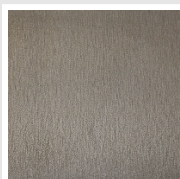


**Hammered Grey
Metallic**
Cod. 32



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.