

TESI radiators represent the most functional, modular and elegant system for heating all environments. Thanks to the rounded shapes, which minimize the risk of accidents, they can also be placed in public places, institutions, schools and hospitals. TESI 2 has a depth of 65 mm and heights from 200 to 2500 mm.



Tesi 2, 12 elements, Hight 1800 mm, Lenght 540 mm, Graphite Black

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)	Weighth (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	65,0	200	127	0,37	0,32	43,8	12,8	14,9	11,3	7,9	4,7	1,250
300	65,0	300	235	0,51	0,40	68,8	20,2	23,4	17,8	12,4	7,5	1,240
350	65,0	350	285	0,58	0,44	78,6	23,0	26,8	20,3	14,2	8,6	1,240
365	65,0	365	300	0,61	0,45	81,5	23,9	27,8	21,1	14,7	8,9	1,240
400	65,0	400	335	0,66	0,48	88,3	25,9	30,1	22,8	15,9	9,6	1,250
450	65,0	450	385	0,73	0,51	97,9	28,7	33,4	25,2	17,6	10,6	1,250
500	65,0	500	435	0,80	0,55	107,5	31,5	36,6	27,7	19,3	11,6	1,250
535	65,0	535	470	0,85	0,58	114,2	33,5	38,9	29,4	20,5	12,3	1,260
550	65,0	550	485	0,87	0,59	117,1	34,3	39,9	30,1	21,0	12,6	1,260
565	65,0	565	500	0,89	0,60	120,0	35,2	40,9	30,9	21,5	12,9	1,260
600	65,0	600	535	0,95	0,63	126,6	37,1	43,1	32,6	22,6	13,6	1,260
650	65,0	650	585	1,02	0,67	136,2	39,9	46,4	35,0	24,3	14,5	1,270
665	65,0	665	600	1,04	0,68	139,0	40,7	47,4	35,7	24,8	14,8	1,270
685	65,0	685	620	1,07	0,70	142,8	41,9	48,7	36,7	25,4	15,2	1,270
750	65,0	750	685	1,16	0,75	155,2	45,5	52,9	39,8	27,6	16,4	1,270
765	65,0	765	700	1,18	0,76	158,0	46,3	53,9	40,5	28,1	16,7	1,280
815	65,0	815	750	1,26	0,80	167,6	49,1	57,1	42,9	29,7	17,7	1,280
865	65,0	865	800	1,33	0,84	177,1	51,9	60,4	45,3	31,3	18,6	1,280
885	65,0	885	820	1,36	0,85	181,0	53,0	61,7	46,3	32,0	19,0	1,290
900	65,0	900	835	1,38	0,87	183,9	53,9	62,7	47,0	32,5	19,3	1,290
1000	65,0	1000	935	1,52	0,95	203,1	59,5	69,2	51,9	35,7	21,1	1,290
1200	65,0	1200	1135	1,81	1,11	242,1	71,0	82,5	61,6	42,3	24,9	1,310
1500	65,0	1500	1435	2,24	1,35	302,2	88,6	103,0	76,5	52,1	30,4	1,330
1800	65,0	1800	1735	2,69	1,58	364,7	106,9	124,3	92,4	63,0	36,8	1,330

2000	65,0	2000	1935	3,01	1,72	407,9	119,5	139,0	103,6	70,9	41,5	1,320
2200	65,0	2200	2135	3,32	1,86	452,3	132,6	154,2	115,1	79,0	46,5	1,310
2500	65,0	2500	2435	3,79	2,08	521,7	152,9	177,8	133,2	91,8	54,4	1,290

Thanks to the high performance of Irsap TESI 2 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

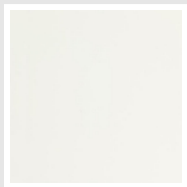
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90	2	Watt = W =	30	47	54	56	60	67	73	78	80	82	86	93	95	97	106	108	114	121	123	125	138	165	206	249	278
135	3	Watt = W =	45	70	80	83	90	100	110	117	120	123	129	139	142	146	159	162	171	181	185	188	208	248	309	373	417
180	4	Watt = W =	60	94	107	111	120	134	147	156	160	164	173	186	189	195	212	215	228	241	247	251	277	330	412	497	556
225	5	Watt = W =	75	117	134	139	150	167	183	195	200	204	216	232	237	243	264	269	286	302	308	313	346	413	515	621	695
270	6	Watt = W =	89	141	161	167	181	200	220	234	239	245	259	278	284	292	317	323	343	362	370	376	415	495	618	746	834
315	7	Watt = W =	104	164	188	194	211	234	257	273	279	286	302	325	332	341	370	377	400	423	432	439	485	578	721	870	973
360	8	Watt = W =	119	188	214	222	241	267	293	311	319	327	345	371	379	389	423	431	457	483	493	501	554	660	824	994	1112
405	9	Watt = W =	134	211	241	250	271	300	330	350	359	368	388	418	426	438	476	485	514	543	555	564	623	743	927	1119	1257
450	10	Watt = W =	149	234	268	278	301	334	366	389	399	409	432	464	474	487	529	539	571	604	617	627	692	825	1030	1243	1390
495	11	Watt = W =	164	258	295	306	331	367	403	428	439	450	475	510	521	535	582	592	628	664	678	689	761	908	1133	1367	1523
540	12	Watt = W =	179	281	321	333	361	401	440	467	479	491	518	557	568	584	635	646	685	724	740	752	831	990	1236	1491	1668
585	13	Watt = W =	194	305	348	361	391	434	476	506	519	531	561	603	616	633	687	700	742	785	802	815	900	1073	1339	1616	1807
630	14	Watt = W =	209	328	375	389	421	467	513	545	559	572	604	650	663	681	740	754	800	845	864	877	969	1155	1442	1740	1946

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 =	224	352	402	417	452	501	550	584	599	613	647	696	711	730	793	808	857	906	925	940	1038	1238	1545	1864	2083
720	16	Watt = W =	239	375	429	444	482	534	586	623	639	654	690	742	758	779	846	862	914	966	987	1003	1108	1320	1648	1989	2224
765	17	Watt = W =	253	398	455	472	512	567	623	662	678	695	734	789	805	827	899	916	971	1026	1049	1065	1177	1403	1751	2113	2363
810	18	Watt = W =	268	422	482	500	542	601	660	701	718	736	777	835	853	876	952	969	1028	1087	1110	1128	1246	1485	1854	2237	2502
855	19	Watt = W =	283	445	509	528	572	634	696	740	758	777	820	882	900	925	1005	1023	1085	1147	1172	1191	1315	1568	1957	2362	2641
900	20	Watt = W =	298	469	536	556	602	668	733	779	798	818	863	928	947	973	1058	1077	1142	1207	1234	1253	1384	1650	2060	2486	2780
945	21	Watt = W =	313	492	563	583	632	701	770	818	838	858	906	974	995	1022	1110	1131	1199	1268	1295	1316	1454	1733	2163	2610	2919
990	22	Watt = W =	328	516	589	611	662	734	806	856	878	899	949	1021	1042	1071	1163	1185	1256	1328	1357	1379	1523	1815	2266	2734	3058
1035	23	Watt = W =	343	539	616	639	692	768	843	895	918	940	992	1067	1090	1119	1216	1239	1314	1389	1419	1441	1592	1898	2369		
1080	24	Watt = W =	358	563	643	667	722	801	880	934	958	981	1036	1114	1137	1168	1269	1293	1371	1449	1480	1504	1661	1980	2472		
1125	25	Watt = W =	373	586	670	694	752	835	916	973	998	1022	1079	1160	1184	1217	1322	1346	1428	1509	1542	1566	1730	2063	2575		
1170	26	Watt = W =	388	609	697	722	783	868	953	1012	1038	1063	1122	1206	1232	1265	1375	1400	1485	1570	1604	1629	1800	2145	2678		
1215	27	Watt = W =	403	633	723	750	813	901	990	1051	1078	1104	1165	1253	1279	1314	1428	1454	1542	1630	1665	1692	1869	2228			

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 =	417	656	750	778	843	935	1026	1090	1117	1145	1208	1299	1326	1363	1481	1508	1599	1690	1727	1754	1938	2310			
1305	29	Watt = W =	432	680	777	806	873	968	1063	1129	1157	1186	1251	1346	1374	1411	1534	1562	1656	1751	1789	1817	2007	2393			
1350	30	Watt = W =	447	703	804	833	903	1001	1100	1168	1197	1226	1294	1392	1421	1460	1586	1616	1713	1811	1850	1880	2077	2475			
1395	31	Watt = W =	462	727	830	861	933	1035	1136	1207	1237	1267	1338	1438	1468	1509	1639	1670	1770	1871	1912	1942	2146				
1440	32	Watt = W =	477	750	857	889	963	1068	1173	1246	1277	1308	1381	1485	1516	1557	1692	1724	1828	1932	1974	2005	2215				
1485	33	Watt = W =	492	774	884	917	993	1102	1209	1285	1317	1349	1424	1531	1563	1606	1745	1777	1885	1992	2035	2068	2284				
1530	34	Watt = W =	507	797	911	945	1023	1135	1246	1324	1357	1390	1467	1578	1611	1655	1798	1831	1942	2053	2097	2130	2353				
1575	35	Watt = W =	522	820	938	972	1054	1168	1283	1363	1397	1431	1510	1624	1658	1703	1851	1885	1999	2113	2159	2193	2423				
1620	36	Watt = W =	537	844	964	1000	1084	1202	1319	1401	1437	1472	1553	1670	1705	1752	1904	1939	2056	2173	2220	2256	2492				
1665	37	Watt = W =	552	867	991	1028	1114	1235	1356	1440	1477	1513	1597	1717	1753	1801	1957	1993	2113	2234	2282	2318	2561				
1710	38	Watt = W =	567	891	1018	1056	1144	1268	1393	1479	1517	1553	1640	1763	1800	1849	2009	2047	2170	2294	2344	2381	2630				
1755	39	Watt = W =	581	914	1045	1083	1174	1302	1429	1518	1556	1594	1683	1810	1847	1898	2062	2101	2227	2354	2406	2444	2700				
1800	40	Watt = W =	596	938	1072	1111	1204	1335	1466	1557	1596	1635	1726	1856	1895	1947	2115	2154	2284	2415	2467	2506	2769				

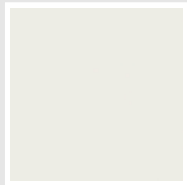
Colors and Finishes

STANDARD



Standard White
Cod. 01

CLASSIC



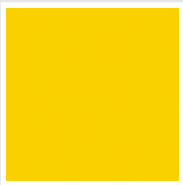
Edelweiss White
Cod. 34



Ivory - RAL 1013
Cod. 02



Beige Cream
Cod. 26



Yellow - RAL 1021
Cod. 04



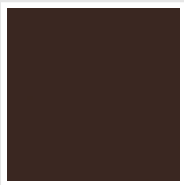
Melon Yellow - RAL 1028
Cod. E7



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



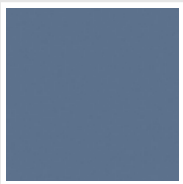
Woodland Green - RAL 6005
Cod. 19



Green Grass - RAL 6018
Cod. N3



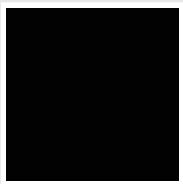
Sage Green - RAL 6021
Cod. E6



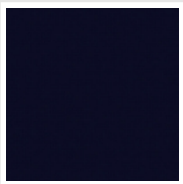
Pastel Blue - RAL 5024
Cod. G7



Manhattan Grey
Cod. 03

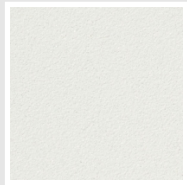


Black - RAL 9005
Cod. 10



Deep Blue
Cod. 2F

SPECIAL



Pearl White
Cod. 16



Quartz 1
Cod. 1C



Sablé
Cod. Y4



Quartz 2
Cod. 2C



Sunstone
Cod. 2D



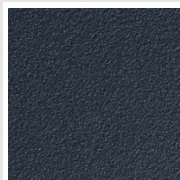
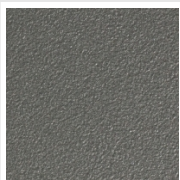
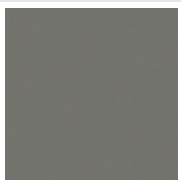
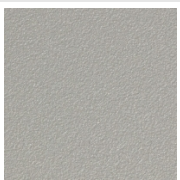
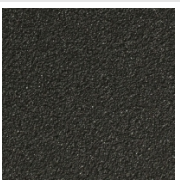
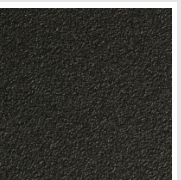
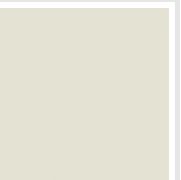
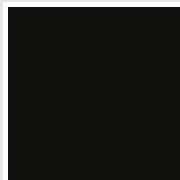
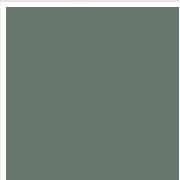
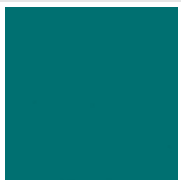
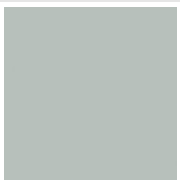
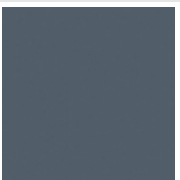
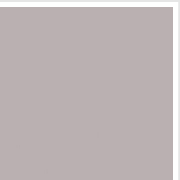
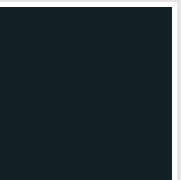
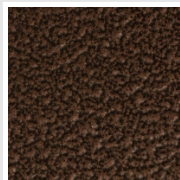
Tobacco Brown
Cod. 1B



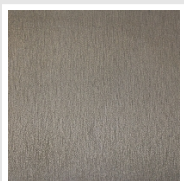
Flame Red
Cod. 7D



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.