



ELLIPSIS_H HORIZONTAL

8 elements, height 480 mm, lenght 1520 mm. Claret finish (cod. 06). Configuration cod. 01.



Technical features:

- manifolds with a 30 mm diameter circular section
- tubes made of steel sheet with a 50x25 mm elliptical section
- manifold threading 1/2" Gas right
- maximum working pressure 4 bar
- maximum working temperature 95°C

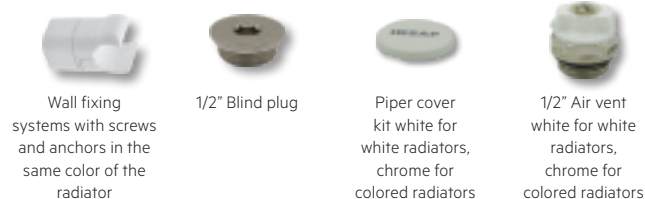
Finishes available

Standard White
IRSAP finishes
Other RAL colors

Surcharge

Finishing codes see page 604.

Prices include:



Number of elements:

Radiators with an odd number of elements will be supplied at the same price as a radiator with the next even number of elements.
For example: a ELLIPSIS_H Horizontal 1820 lenght and 9 elements wide = the price of a ELLIPSIS_H Horizontal 1820 lenght and 10 elements wide.

❗ For the possibility of requesting custom models see page 590



Model	Code	Depth P mm	Lenght L mm	Conn. C. L' mm	Weight Kg	Cap. lt
520	TL1 0520 YY 01 IR 01 H	53	520	470	0,74	0,47
650	TL1 0650 YY 01 IR 01 H	53	650	600	0,88	0,57
700	TL1 0700 YY 01 IR 01 H	53	700	650	0,93	0,61
920	TL1 0920 YY 01 IR 01 H	53	920	870	1,16	0,78
1020	TL1 1020 YY 01 IR 01 H	53	1020	970	1,27	0,86
1220	TL1 1220 YY 01 IR 01 H	53	1220	1170	1,49	1,02
1520	TL1 1520 YY 01 IR 01 H	53	1520	1470	1,81	1,26
1820	TL1 1820 YY 01 IR 01 H	53	1820	1770	2,14	1,49
2020	TL1 2020 YY 01 IR 01 H	53	2020	1970	2,36	1,65

Key Codes

Lenght Number of elements Packing code Standard hydronic connection code.
For other connections, see pag. 204

TL 1 0520 YY 01 IR 01 H — Horizontal

Standard White color code.
For different color codes see the colors page.

ELLIPSIS_H Horizontal: Power in Watt for linear metre

N. el.	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Btu/h a $\Delta t = 50^\circ\text{C}$	927,7	1360,5	1782,7	2196,2	2602,0	3000,9	3393,5	3780,0	4160,9	4536,4	4906,7	5271,9	5632,3	5988,0
Watt a $\Delta t = 50^\circ\text{C}$	271,7	398,5	522,2	643,3	762,2	879,0	994,0	1107,2	1218,8	1328,8	1437,2	1544,2	1649,8	1754,0
Watt a $\Delta t = 40^\circ\text{C}$	206,2	303,8	399,9	494,9	589,1	682,5	769,1	853,7	936,4	1017,4	1097,7	1176,6	1253,9	1329,9
Watt a $\Delta t = 30^\circ\text{C}^*$	144,5	214,1	283,5	353,0	422,6	492,5	552,5	610,5	666,7	721,0	775,6	828,7	880,4	930,8
Watt a $\Delta t = 20^\circ\text{C}$	87,5	130,8	174,6	219,2	264,6	311,0	346,6	380,6	413,0	443,8	475,3	505,6	534,8	562,9
Modification index	1,237	1,216	1,196	1,175	1,155	1,134	1,150	1,165	1,181	1,197	1,208	1,219	1,229	1,240

(*) Thanks to the high performance of Irsap ELLIPSIS_H Horizontal radiators, the ideal Δt for low temperature projects is Δt at 30°C .

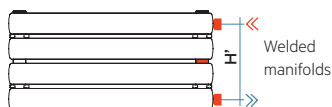
For Δt different from 50°C use the formula: $Q = Q_n (\Delta t / 50)^n$

Special Options

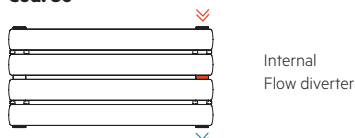
Cod. 88



Cod. 82



Cod. 80



Manifolds:

The pipefittings welded on the side manifold can be positioned at any point at a specified distance between centres. It is compulsory in this type of installation to install a flow diverter during production to ensure the product functions correctly. The minimum possible distance between centres is equal to 50 mm (cod. 88), while the maximum distance depends on the length of the radiator (cod. 82).

The maximum distance between centres is equal to the number of elements - 1 multiplied by 60 (element pitch): $H' = 60 \times (n^\circ \text{ of elements} - 1)$.

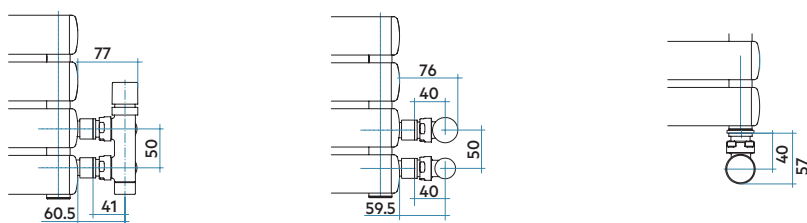
Side Connections (Cod. M82, M88): for side water connections insert an internal flow diverter to the bottom manifold

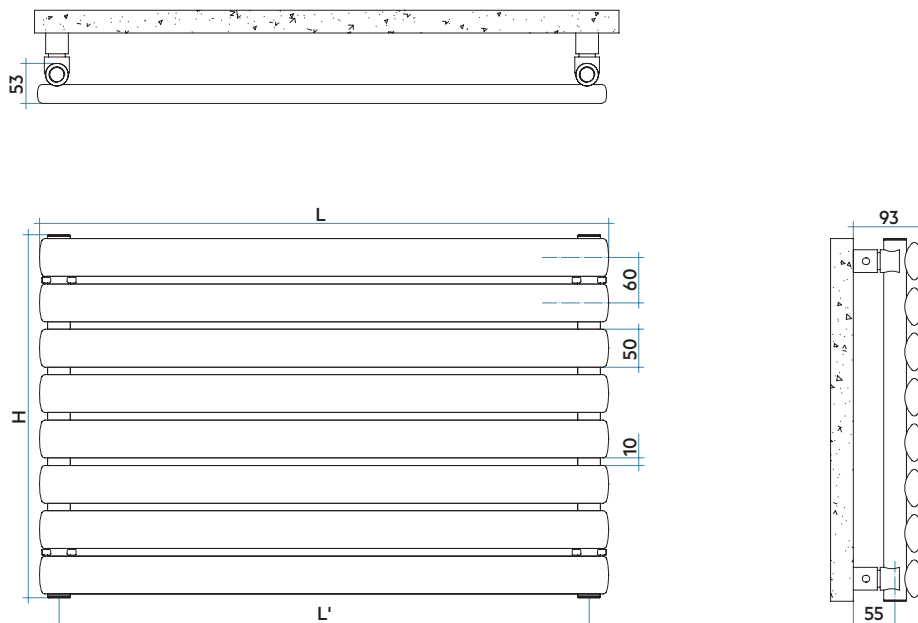
Internal Flow diverter (Cod. M80): Prearrangement for side connections with 1/2" welded fittings and internal flow diverter

Configured for connection with single-pipe valve: connection available only for modul and/or double-pipe systems, no monotube valve with loop - (specify water inlet)

For other connections see page 204

Connection dimensions with IRSAP valves

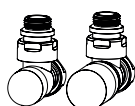




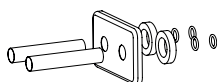
COMPLETE RADIATOR DATA

		LENGHT (L)								
(H)		520	650	700	920	1020	1220	1520	1820	2020
Height mm 240	<i>yy = N° elem.</i> 4	W	141	177	190	250	277	332	413	549
Height mm 360	<i>yy = N° elem.</i> 6	W	207	259	279	367	406	486	606	805
Height mm 480	<i>yy = N° elem.</i> 8	W	272	339	366	480	533	637	794	1055
Height mm 600	<i>yy = N° elem.</i> 10	W	335	418	450	592	656	785	978	1299
Height mm 720	<i>yy = N° elem.</i> 12	W	396	495	534	701	777	930	1158	1540
Height mm 840	<i>yy = N° elem.</i> 14	W	457	571	615	809	897	1072	1336	1776
Height mm 960	<i>yy = N° elem.</i> 16	W	517	646	696	914	1014	1213	1511	2008
Height mm 1080	<i>yy = N° elem.</i> 18	W	576	720	775	1019	1129	1351	1683	2237
Height mm 1200	<i>yy = N° elem.</i> 20	W	634	792	853	1121	1243	1487	1853	2462
Height mm 1320	<i>yy = N° elem.</i> 22	W	691	864	930	1222	1355	1621	2020	2684
Height mm 1440	<i>yy = N° elem.</i> 24	W	747	934	1006	1322	1466	1753	2185	2616
Height mm 1560	<i>yy = N° elem.</i> 26	W	803	1004	1081	1421	1575	1884	2347	
Height mm 1680	<i>yy = N° elem.</i> 28	W	858	1072	1155	1518	1683	2013	2508	
Height mm 1800	<i>yy = N° elem.</i> 30	W	912	1140	1228	1614	1789	2140	2666	

Decorative & Technical Accessories



Kit Valves and
Lockshield valve
Pag. 564



Pipe cover kit
Pag. 568

