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 sheet steel with a 50x25 mm elliptical section
- manifold threading 1/2" Gas right
- maximum working pressure 4 bar
- maximum working temperature 95°C

Finishes available	Surcharge
Standard White	
Classic finishes	
Special finishes	
Other RAL colors	

Finishing codes see page 596.

Price included:


Wall fixing systems with screws and anchors


1/2" Blind plug


Piper cover kit

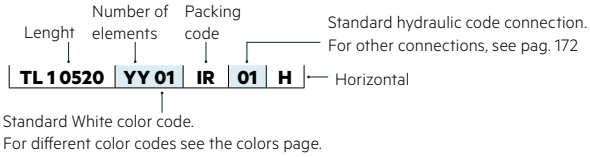

1/2" Air vent

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.

CE 18 EN442-1 EN 442 EURONORM

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	0,75	0,50
650	**TL1 0650 YY 01 IR 01 H**	53	650	600	0,88	0,61
700	**TL1 0700 YY 01 IR 01 H**	53	700	650	0,93	0,65
920	**TL1 0920 YY 01 IR 01 H**	53	920	870	1,15	0,84
1020	**TL1 1020 YY 01 IR 01 H**	53	1020	970	1,25	0,93
1220	**TL1 1220 YY 01 IR 01 H**	53	1220	1170	1,45	1,09
1520	**TL1 1520 YY 01 IR 01 H**	53	1520	1470	1,75	1,35
1820	**TL1 1820 YY 01 IR 01 H**	53	1820	1770	2,05	1,60
2020	**TL1 2020 YY 01 IR 01 H**	53	2020	1970	2,25	1,77

Key Codes



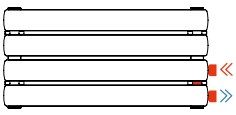
ELLIPSIS_H Horizontal: Power in Watt for linear metre

N. el.	4	6	8	10	12	14	16	18	20	22	24	26	28	30
Btu/h a Δt= 50°C	920,4	1380,6	1837,5	2296,1	2761,2	3221,5	3681,7	4141,9	4602,1	5062,3	5522,5	5982,7	6442,9	6903,1
Watt a Δt= 50°C	269,6	404,4	538,2	672,5	808,8	943,6	1078,4	1213,2	1348,0	1482,8	1617,6	1752,4	1887,2	2022,0
Watt a Δt= 40°C	202,1	304,1	403,1	506,6	611,8	716,5	821,9	927,9	1034,7	1142,2	1250,4	1359,2	1468,8	1578,9
Watt a Δt= 30°C*	139,4	210,5	277,7	351,5	426,9	502,4	579,0	656,8	735,8	815,9	897,2	979,6	1063,1	1147,8
Watt a Δt= 20°C	82,5	125,4	164,2	210,1	257,0	304,6	353,4	403,6	455,0	507,8	561,9	617,4	674,2	732,3
Modification index	1,292	1,278	1,295	1,270	1,251	1,234	1,217	1,201	1,185	1,169	1,154	1,139	1,123	1,108

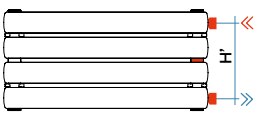
(*) Thanks to the high performance of Irsap ELLIPSIS_H Horizontal radiators, the ideal Δt for low temperature projects is Δt at 30°C.
For Δt different from 50°C use the formula: $Q=Qn\ (\Delta t / 50)^n$

Special Options

Cod. 88

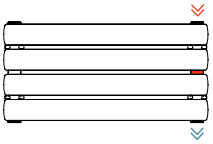

Welded manifolds
50 mm pitch
Universal connection

Cod. 82



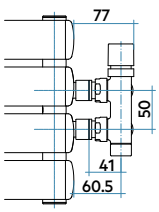
Welded manifolds

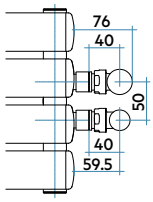
Cod. 80

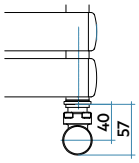

Internal Diaphragm

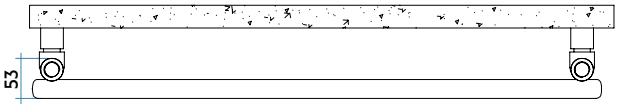
Manifolds:
The pipefittings welded on the side manifold can be positioned at any point at a specified distance between centres. It is compulsory in this type of installation to install a diaphragm during production to ensure the product functions correctly. The minimum possible distance between centres 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 x (n° of elements - 1).
Side Connections (Cod. M82, M88): for side water connections insert an internal flow diverter to the bottom manifold
Internal Diaphragm (Cod. M80): Prearrangement for side connections with 1/2" welded fittings and internal baffle
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 172

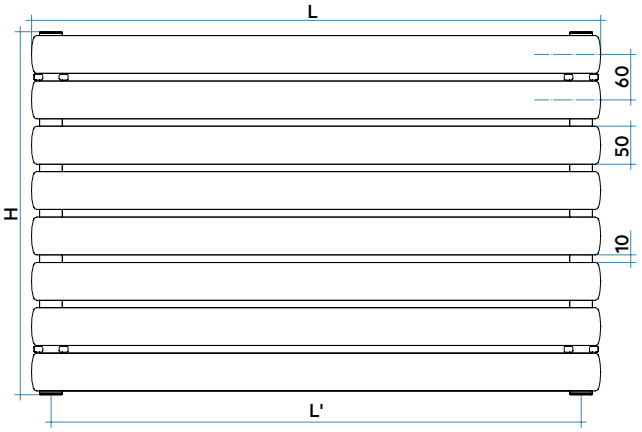
Connection dimensions with IRSAP valves

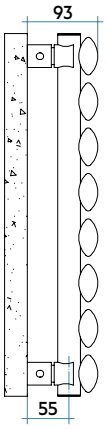








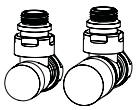




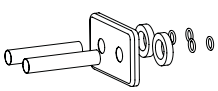
COMPLETE BATTERY DATA

(H)			LENGHT (L) 520	650	700	920	1020	1220	1520	1820	2020
Height mm	**240**	W	140	175	189	248	275	329	410	491	545
yy = N° elem.	*4*										
Height mm	**360**	W	210	263	283	372	412	493	615	736	817
yy = N° elem.	*6*										
Height mm	**480**	W	280	350	377	495	549	657	818	980	1087
yy = N° elem.	*8*										
Height mm	**600**	W	350	437	471	619	686	821	1022	1224	1359
yy = N° elem.	*10*										
Height mm	**720**	W	421	526	566	744	825	987	1229	1472	1634
yy = N° elem.	*12*										
Height mm	**840**	W	491	613	661	868	962	1151	1434	1717	1906
yy = N° elem.	*14*										
Height mm	**960**	W	561	701	755	992	1100	1316	1639	1963	2178
yy = N° elem.	*16*										
Height mm	**1080**	W	631	789	849	1116	1237	1480	1844	2208	2451
yy = N° elem.	*18*										
Height mm	**1200**	W	701	876	944	1240	1375	1645	2049	2453	2723
yy = N° elem.	*20*										
Height mm	**1320**	W	771	964	1038	1364	1512	1809	2254	2699	2995
yy = N° elem.	*22*										
Height mm	**1440**	W	841	1051	1132	1488	1650	1973	2459	2944	
yy = N° elem.	*24*										
Height mm	**1560**	W	911	1139	1227	1612	1787	2138	2664		
yy = N° elem.	*26*										
Height mm	**1680**	W	981	1227	1321	1736	1925	2302	2869		
yy = N° elem.	*28*										
Height mm	**1800**	W	1051	1314	1415	1860	2062	2467	3073		
yy = N° elem.	*30*										

Decorative & Technical Accessories



Kit Valves and Lockshield valve
Pag. 562



Pipe cover kit
Pag. 566