

# ELLIPSIS\_H 2

Horizontal



## ELLIPSIS\_H 2 HORIZONTAL

10 elements, height 600 mm, length 1520 mm. Agave finish (cod. 9N). Configuration cod. 01.

ELLIPSIS



### 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.



Model	Code	Depth P mm	Length L mm	Conn. C. L' mm	Weight Kg	Cap. lt
520	TL2 0520 YY 01 IR 01 H	76	520	470	1,34	0,94
650	TL2 0650 YY 01 IR 01 H	76	650	600	1,60	1,16
700	TL2 0700 YY 01 IR 01 H	76	700	650	1,70	1,25
920	TL2 0920 YY 01 IR 01 H	76	920	870	2,15	1,62
1020	TL2 1020 YY 01 IR 01 H	76	1020	970	2,35	1,79
1220	TL2 1220 YY 01 IR 01 H	76	1220	1170	2,75	2,12
1520	TL2 1520 YY 01 IR 01 H	76	1520	1470	3,35	2,63
1820	TL2 1820 YY 01 IR 01 H	76	1820	1770	3,95	3,14
2020	TL2 2020 YY 01 IR 01 H	76	2020	1970	4,35	3,48

### Price included:

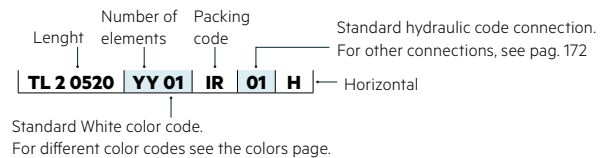


### Number of elements:

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 2 Horizontal 1820 length and 9 elements wide = the price of a ELLIPSIS\_H 2 Horizontal 1820 length and 10 elements wide.

### Key Codes



### ELLIPSIS\_H 2 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	1432,5	2148,8	2861,7	3578,0	4297,6	5013,9	5730,2	6446,4	7162,7	7879,0	8595,2	9311,5	10027,8	10744,1
Watt a Δt= 50°C	419,6	629,4	838,2	1048,0	1258,8	1468,6	1678,4	1888,2	2098,0	2307,8	2517,6	2727,5	2937,3	3147,1
Watt a Δt= 40°C	314,5	473,2	632,5	793,8	957,0	1120,5	1285,2	1451,0	1617,9	1785,9	1954,9	2124,9	2296,0	2468,0
Watt a Δt= 30°C*	216,9	327,7	440,0	554,8	672,0	790,6	911,0	1033,3	1157,3	1283,2	1410,8	1540,2	1671,3	1804,2
Watt a Δt= 20°C	128,5	195,2	263,8	334,9	408,3	483,6	560,9	640,3	721,7	805,2	890,8	978,5	1068,3	1160,1
Modification index	1,292	1,278	1,262	1,245	1,229	1,212	1,196	1,180	1,165	1,149	1,134	1,119	1,104	1,089

(\* Thanks to the high performance of Irsap ELLIPSIS\_H 2 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



#### 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):  $H' = 60 \times (n^{\circ} \text{ of elements} - 1)$ .

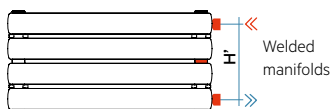
**Side Connections (Cod. M82, M88):** for side water connections insert an internal flow diverter to the bottom manifold

**Internal Diaphragm (Cod. M80):** Prearrangement for side connections with 1/2" welded fittings and internal baffle

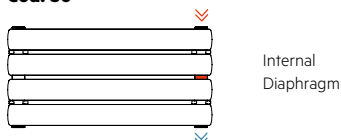
**Configured for connection with single-pipe valve:** connection available only for modul and/or double-pipe systems, no monotube valve with loop - (specify water inlet)

**For other connections see page 172**

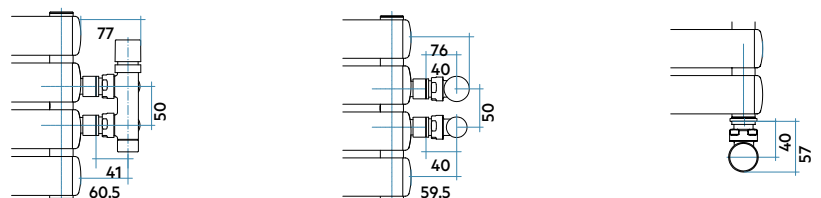
#### Cod. 82

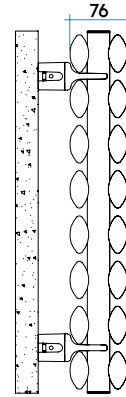
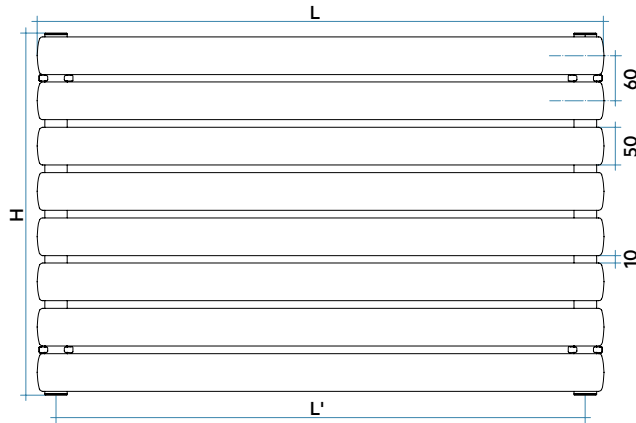
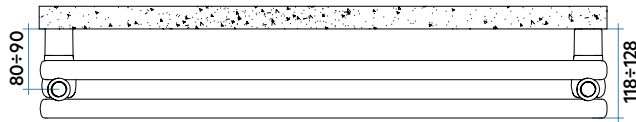


#### Cod. 80



### Connection dimensions with IRSAP valves

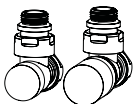




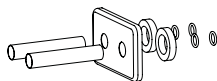
### COMPLETE BATTERY DATA

		LENGHT (L)								
(H)		520	650	700	920	1020	1220	1520	1820	2020
<b>Height mm 240</b>	<i>yy = N° elem.</i> 4	W	218	273	294	386	428	512	638	848
<b>Height mm 360</b>	<i>yy = N° elem.</i> 6	W	327	409	441	579	642	768	957	1271
<b>Height mm 480</b>	<i>yy = N° elem.</i> 8	W	436	545	587	771	855	1023	1274	1693
<b>Height mm 600</b>	<i>yy = N° elem.</i> 10	W	545	681	734	964	1069	1279	1593	2117
<b>Height mm 720</b>	<i>yy = N° elem.</i> 12	W	655	818	881	1158	1284	1536	1913	2543
<b>Height mm 840</b>	<i>yy = N° elem.</i> 14	W	764	955	1028	1351	1498	1792	2232	2967
<b>Height mm 960</b>	<i>yy = N° elem.</i> 16	W	873	1091	1175	1544	1712	2048	2551	3055
<b>Height mm 1080</b>	<i>yy = N° elem.</i> 18	W	982	1227	1322	1737	1926	2304	2870	
<b>Height mm 1200</b>	<i>yy = N° elem.</i> 20	W	1091	1364	1469	1930	2140	2560	3189	
<b>Height mm 1320</b>	<i>yy = N° elem.</i> 22	W	1200	1500	1615	2123	2354	2816		
<b>Height mm 1440</b>	<i>yy = N° elem.</i> 24	W	1309	1636	1762	2316	2568	3072		
<b>Height mm 1560</b>	<i>yy = N° elem.</i> 26	W	1418	1773	1909	2509	2782			
<b>Height mm 1680</b>	<i>yy = N° elem.</i> 28	W	1527	1909	2056	2702	2996			
<b>Height mm 1800</b>	<i>yy = N° elem.</i> 30	W	1636	2046	2203	2895				

### Decorative & Technical Accessories



Kit Valves and Lockshield valve  
Pag. 562



Pipe cover kit  
Pag. 566

