



**ELLIPSIS\_V VERTICAL**

8 elements, height 2020 mm, length 480 mm. Quartz 1 finish (cod. 1C). 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:



### 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\_V Vertical 1820 high and 9 elements wide = the price of a ELLIPSIS\_V Vertical 1820 high and 10 elements wide.

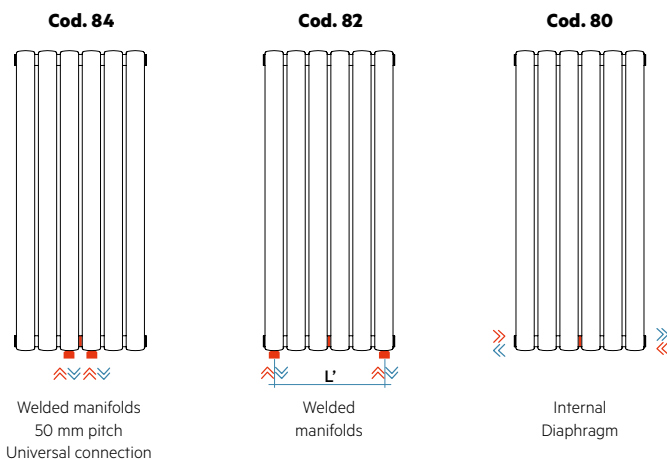


Model	Code	Depth mm	Height H mm	Conn. centre H' mm	Weight Kg	Capacity lt	Thermal Power				Exponent n.	
							$\Delta t=50^{\circ}\text{C}$ Btu/h	$\Delta t=50^{\circ}\text{C}$ Watt	$\Delta t=40^{\circ}\text{C}$ Watt	$\Delta t=30^{\circ}\text{C}$ Watt (*)		$\Delta t=20^{\circ}\text{C}$ Watt
520	TL1 0520 YY 01 IR 01 A	53	520	470	0,75	0,50	127,1	<b>37,2</b>	28,0	<b>19,4</b>	11,5	1,280
650	TL1 0650 YY 01 IR 01 A	53	650	600	0,88	0,61	158,7	<b>46,5</b>	34,8	<b>24,0</b>	14,2	1,295
700	TL1 0700 YY 01 IR 01 A	53	700	650	0,93	0,65	171,5	<b>50,2</b>	37,6	<b>25,9</b>	15,3	1,295
920	TL1 0920 YY 01 IR 01 A	53	920	870	1,15	0,84	222,6	<b>65,2</b>	48,7	<b>33,3</b>	19,6	1,314
1020	TL1 1020 YY 01 IR 01 A	53	1020	970	1,25	0,93	245,7	<b>72,0</b>	53,7	<b>36,8</b>	21,6	1,314
1220	TL1 1220 YY 01 IR 01 A	53	1220	1170	1,45	1,09	290,9	<b>85,2</b>	63,6	<b>43,6</b>	25,7	1,310
1520	TL1 1520 YY 01 IR 01 A	53	1520	1470	1,75	1,35	359,1	<b>105,2</b>	78,6	<b>54,0</b>	31,8	1,306
1820	TL1 1820 YY 01 IR 01 A	53	1820	1770	2,05	1,60	428,2	<b>125,5</b>	93,8	<b>64,5</b>	38,1	1,302
2020	TL1 2020 YY 01 IR 01 A	53	2020	1970	2,25	1,77	474,3	<b>139,0</b>	104,0	<b>71,6</b>	42,3	1,300

(\*) Thanks to the high performance of Irsap ELLIPSIS\_V Vertical radiators, the ideal  $\Delta t$  for low temperature projects is  $\Delta t$  at 30°C.

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

### Special Options



### Manifolds:

The pipefittings welded on the bottom 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. 84), 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):  $L' = 60 \times (n^{\circ} \text{ of elements} - 1)$ .

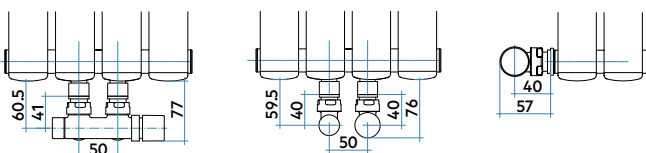
**Bottom Connections (Cod. M82, M84):** For bottom water connections insert an internal flow diverter to the bottom manifold

**Internal Diaphragm (Cod. M80):** Prearrangement for bottom 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



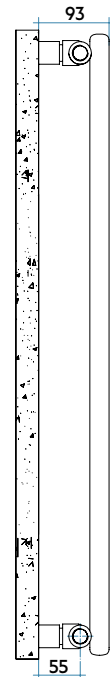
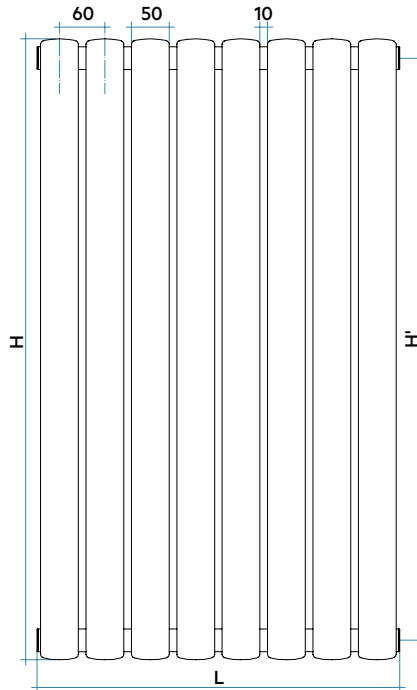
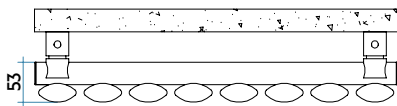
### Key Codes

Height | Number of elements | Packing code | Standard hydraulic code connection.  
For other connections, see pag. 172

**TL 1 0520 YY 01 IR 01 A** — Vertical

Standard White color code.

For different color codes see the colors page.

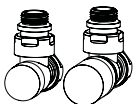


### COMPLETE BATTERY DATA

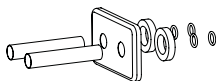
#### HEIGHT (H)

(L)			520	650	700	920	1020	1220	1520	1820	2020
<b>Lenght mm</b>	<b>240</b>										
<i>yy = N° elem.</i>	4	W	149	186	201	261	288	341	421	502	556
<b>Lenght mm</b>	<b>360</b>										
<i>yy = N° elem.</i>	6	W	224	279	302	392	432	512	632	753	834
<b>Lenght mm</b>	<b>480</b>										
<i>yy = N° elem.</i>	8	W	298	372	402	522	576	682	842	1004	1112
<b>Lenght mm</b>	<b>600</b>										
<i>yy = N° elem.</i>	10	W	373	465	503	653	720	853	1053	1255	1390
<b>Lenght mm</b>	<b>720</b>										
<i>yy = N° elem.</i>	12	W	447	558	603	783	864	1023	1263	1506	1668
<b>Lenght mm</b>	<b>840</b>										
<i>yy = N° elem.</i>	14	W	522	651	704	914	1008	1194	1474	1757	1946
<b>Lenght mm</b>	<b>960</b>										
<i>yy = N° elem.</i>	16	W	596	744	804	1044	1152	1364	1684	2008	2224
<b>Lenght mm</b>	<b>1080</b>										
<i>yy = N° elem.</i>	18	W	671	837	905	1175	1296	1535	1895	2259	2502
<b>Lenght mm</b>	<b>1200</b>										
<i>yy = N° elem.</i>	20	W	745	930	1005	1305	1440	1705	2105	2510	2780
<b>Lenght mm</b>	<b>1320</b>										
<i>yy = N° elem.</i>	22	W	820	1023	1106	1436	1584	1876	2316	2761	3058
<b>Lenght mm</b>	<b>1440</b>										
<i>yy = N° elem.</i>	24	W	894	1116	1206	1566	1728	2046	2526	3012	
<b>Lenght mm</b>	<b>1560</b>										
<i>yy = N° elem.</i>	26	W	969	1209	1307	1697	1872	2217	2737		
<b>Lenght mm</b>	<b>1680</b>										
<i>yy = N° elem.</i>	28	W	1043	1302	1407	1827	2016	2387	2947		
<b>Lenght mm</b>	<b>1800</b>										
<i>yy = N° elem.</i>	30	W	1118	1395	1508	1958	2160	2558	3158		

### Decorative & Technical Accessories



Kit Valves and  
Lockshield valve  
Pag. 562



Pipe cover kit  
Pag. 566

