



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

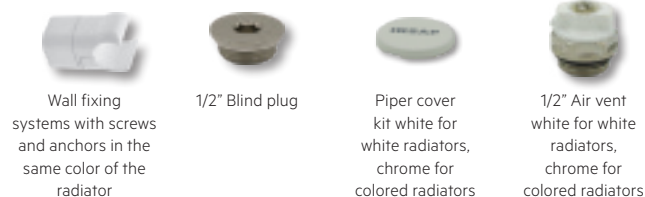
Finishes available

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_V Vertical 1820 high and 9 elements wide = the price of a ELLIPSIS_V Vertical 1820 high and 10 elements wide.

❗ For the possibility of requesting custom models see page 590



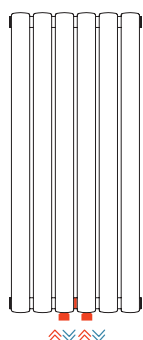
Model	Code	Depth	Height	Conn. centre	Weight	Capacity	Thermal Power				Exponent
							$\Delta t=50^{\circ}\text{C}$	$\Delta t=40^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$	$\Delta t=20^{\circ}\text{C}$	
		mm	H mm	H' mm	Kg	lt	Btu/h	Watt	Watt	Watt (*)	n.
520	TL1 0520 YY 01 IR 01 A	53	520	470	0,74	0,47	135,4	39,7	30,0	20,9	1,256
650	TL1 0650 YY 01 IR 01 A	53	650	600	0,88	0,57	164,8	48,3	36,5	25,4	1,258
700	TL1 0700 YY 01 IR 01 A	53	700	650	0,93	0,61	175,9	51,6	38,9	27,1	1,259
920	TL1 0920 YY 01 IR 01 A	53	920	870	1,16	0,78	224,2	65,7	49,6	34,5	1,263
1020	TL1 1020 YY 01 IR 01 A	53	1020	970	1,27	0,86	245,9	72,1	54,3	37,7	1,266
1220	TL1 1220 YY 01 IR 01 A	53	1220	1170	1,49	1,02	289,0	84,7	63,8	44,2	1,273
1520	TL1 1520 YY 01 IR 01 A	53	1520	1470	1,81	1,26	353,2	103,5	77,7	53,7	1,283
1820	TL1 1820 YY 01 IR 01 A	53	1820	1770	2,14	1,49	417,3	122,3	91,8	63,4	1,287
2020	TL1 2020 YY 01 IR 01 A	53	2020	1970	2,36	1,65	460,1	134,9	101,1	69,8	1,289

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

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

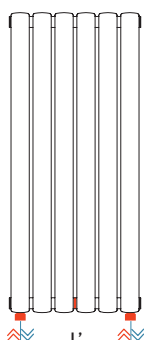
Special Options

Cod. 84



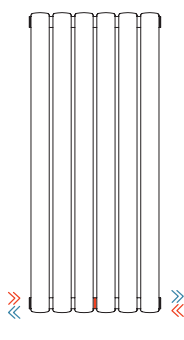
Welded manifolds
50 mm pitch
Universal connection

Cod. 82



Welded manifolds

Cod. 80



Internal
Flow diverter

Manifolds:

The pipe fittings 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 flow diverter 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): $L' = 60 \times (n^{\circ} \text{ of elements} - 1)$.

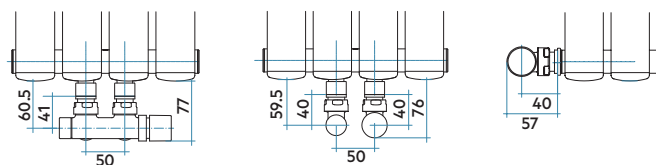
Bottom Connections (Cod. M82, M84): For bottom water connections insert an internal flow diverter to the bottom manifold

Internal Flow diverter (Cod. M80): Prearrangement for bottom 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

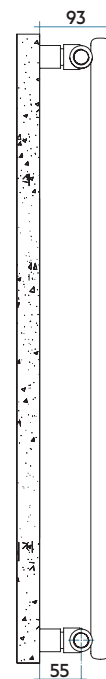
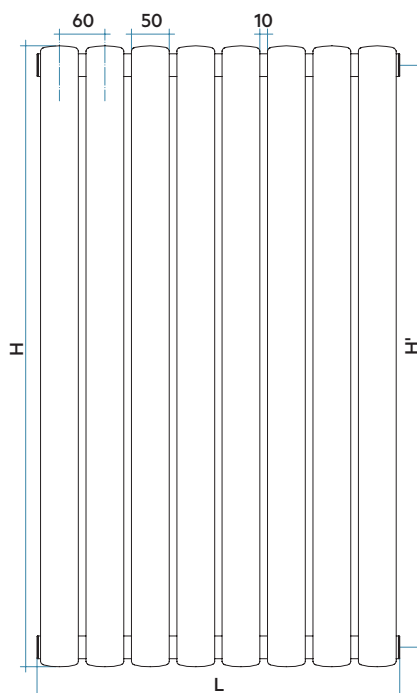
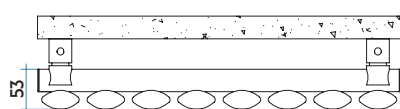


Key Codes

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

TL 1 0520 YY 01 IR 01 A Vertical

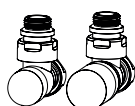
Standard White color code.
For different color codes see the colors page.



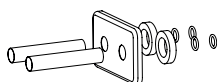
COMPLETE RADIATOR DATA

(L)		HEIGHT (H)									
			520	650	700	920	1020	1220	1520	1820	2020
Lenght mm	240										
yy = N° elem.	4	W	159	193	206	263	288	339	414	489	539
Lenght mm	360										
yy = N° elem.	6	W	238	290	309	394	432	508	621	734	809
Lenght mm	480										
yy = N° elem.	8	W	318	386	412	526	577	678	828	978	1079
Lenght mm	600										
yy = N° elem.	10	W	397	483	516	657	721	847	1035	1223	1349
Lenght mm	720										
yy = N° elem.	12	W	476	579	619	789	865	1016	1242	1468	1618
Lenght mm	840										
yy = N° elem.	14	W	556	676	722	920	1009	1186	1449	1712	1888
Lenght mm	960										
yy = N° elem.	16	W	635	773	825	1051	1153	1355	1656	1957	2158
Lenght mm	1080										
yy = N° elem.	18	W	715	869	928	1183	1297	1525	1863	2202	2427
Lenght mm	1200										
yy = N° elem.	20	W	794	966	1031	1314	1441	1694	2070	2446	2697
Lenght mm	1320										
yy = N° elem.	22	W	873	1062	1134	1446	1586	1863	2277	2691	2967
Lenght mm	1440										
yy = N° elem.	24	W	953	1159	1237	1577	1730	2033	2484	2935	
Lenght mm	1560										
yy = N° elem.	26	W	1032	1256	1340	1708	1874	2202	2692		
Lenght mm	1680										
yy = N° elem.	28	W	1112	1352	1443	1840	2018	2372	2899		
Lenght mm	1800										
yy = N° elem.	30	W	1191	1449	1547	1971	2162	2541	3106		

Decorative & Technical Accessories



Kit Valves and
Lockshield valve
Pag. 564



Pipe cover kit
Pag. 568

