



**PIANO 2 VERTICAL**

14 elements, height 2020 mm, length 792 mm. Matt Light Grey finish (cod. 8N). Configuration cod. 80.



### Technical features:

- manifolds with a 30 mm diameter circular section
- tubes made of sheet steel with a 50x10 mm rectangular section
- manifold threading 1/2" Gas right
- maximum working pressure 4 bar
- maximum working temperature 95°C

### Price included:



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

### 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 PIANO 2 Vertical 1820 high and 9 elements wide = the price of a PIANO 2 Vertical 1820 high and 10 elements wide

Finishing codes see page 596.

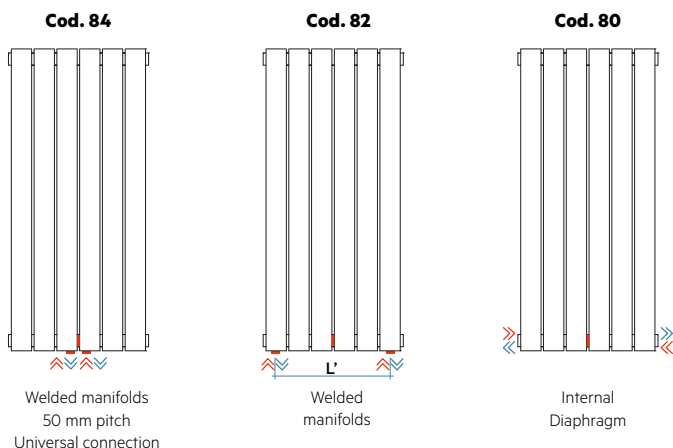


Model	Code	Depth mm	Height H mm	Conn. centre H' mm	Weight Kg	Capacity lt	Thermal Power				Exponent n.	
							$\Delta t=50^{\circ}\text{C}$ Btu/h <b>Watt</b>	$\Delta t=40^{\circ}\text{C}$ Watt	$\Delta t=30^{\circ}\text{C}$ Watt (*)	$\Delta t=20^{\circ}\text{C}$ Watt		
520	<b>PI2 0520 YY 01 A4 01 A</b>	46	520	470	1,16	0,43	171,2	<b>50,2</b>	37,6	<b>25,9</b>	15,3	1,296
700	<b>PI2 0700 YY 01 A4 01 A</b>	46	700	650	1,52	0,55	223,6	<b>65,5</b>	49,0	<b>33,6</b>	19,8	1,305
920	<b>PI2 0920 YY 01 A4 01 A</b>	46	920	870	1,96	0,71	285,9	<b>83,8</b>	62,5	<b>42,8</b>	25,1	1,317
1220	<b>PI2 1220 YY 01 A4 01 A</b>	46	1220	1170	2,61	0,91	369,0	<b>108,1</b>	80,6	<b>55,2</b>	32,4	1,316
1520	<b>PI2 1520 YY 01 A4 01 A</b>	46	1520	1470	3,16	1,13	450,6	<b>132,1</b>	98,5	<b>67,5</b>	39,6	1,315
1820	<b>PI2 1820 YY 01 A4 01 A</b>	46	1820	1770	3,76	1,34	531,2	<b>155,7</b>	116,1	<b>79,6</b>	46,7	1,314
2020	<b>PI2 2020 YY 01 A4 01 A</b>	46	2020	1970	4,16	1,48	584,5	<b>171,3</b>	127,6	<b>87,3</b>	51,2	1,319
2220	<b>PI2 2220 YY 01 A4 01 A</b>	46	2220	2170	4,61	1,61	637,6	<b>186,9</b>	139,1	<b>95,0</b>	55,5	1,324
2520	<b>PI2 2520 YY 01 A4 01 A</b>	46	2520	2470	5,16	1,82	716,9	<b>210,1</b>	156,1	<b>106,4</b>	62,0	1,332

(\*) Thanks to the high performance of Irsap PIANO 2 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 56 (element pitch):  $L' = 56 \times (n^{\circ} \text{ of elements } - 1)$ .

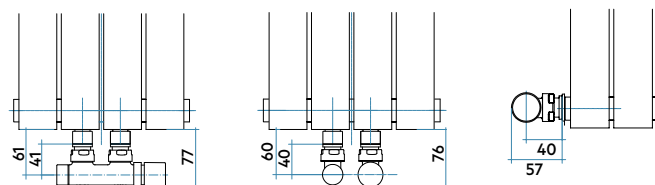
**Bottom Connections (Cod. M82, M84):** For bottom water connections insert an internal flow diverter to the bottom manifold

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

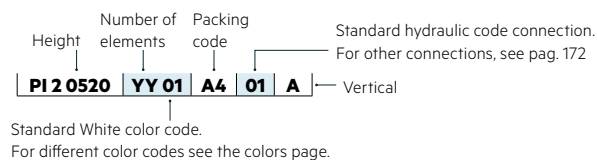
**Configured for connection with single-pipe valve:** connection available only for modul and/or double-pipe systems, no monotube valve with loop - (specify water inlet)

**For other connections see page 172**

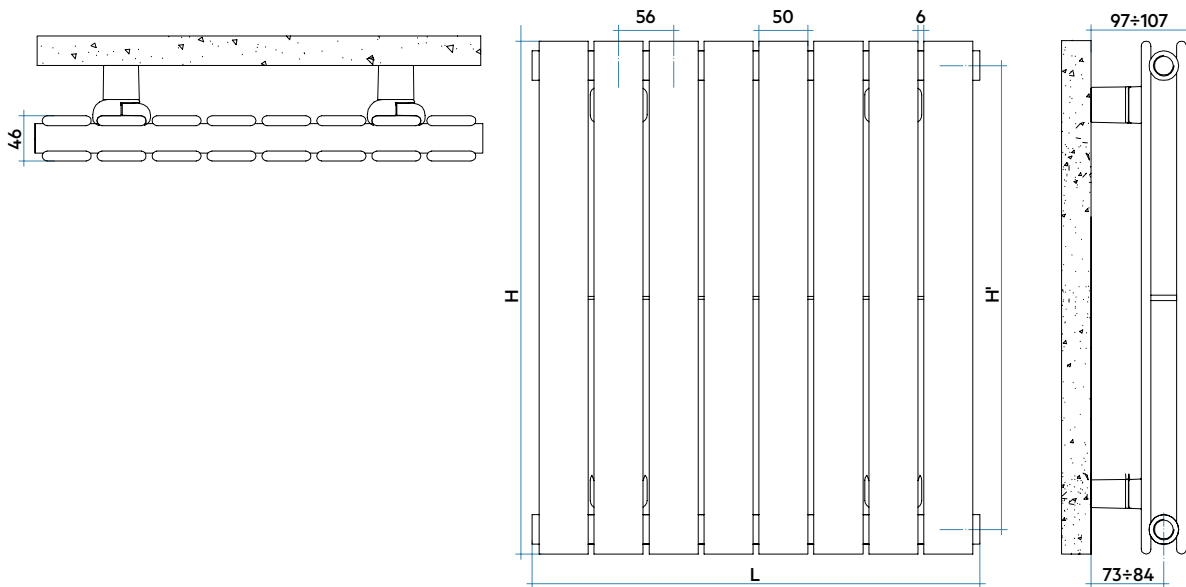
### Connection dimensions with IRSAP valves



### Key Codes



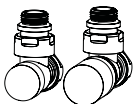
Standard White color code.  
For different color codes see the colors page.



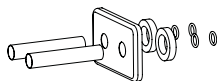
### COMPLETE BATTERY DATA

(L)	HEIGHT (H)									
	520	700	920	1220	1520	1820	2020	2220	2520	
<b>Lenght mm</b> 232 yy = N° elem. 4	W 201	262	335	433	528	623	685	747	840	
<b>Lenght mm</b> 344 yy = N° elem. 6	W 301	393	503	649	792	934	1028	1121	1261	
<b>Lenght mm</b> 456 yy = N° elem. 8	W 402	524	670	865	1056	1245	1370	1495	1681	
<b>Lenght mm</b> 568 yy = N° elem. 10	W 502	655	838	1081	1321	1557	1713	1869	2101	
<b>Lenght mm</b> 680 yy = N° elem. 12	W 602	786	1005	1298	1585	1868	2056	2242	2521	
<b>Lenght mm</b> 792 yy = N° elem. 14	W 703	917	1173	1514	1849	2180	2398	2616	2942	
<b>Lenght mm</b> 904 yy = N° elem. 16	W 803	1048	1341	1730	2113	2491	2741	2990	3362	
<b>Lenght mm</b> 1016 yy = N° elem. 18	W 903	1179	1508	1947	2377	2802	3084	3364		
<b>Lenght mm</b> 1128 yy = N° elem. 20	W 1004	1310	1676	2163	2641	3114				
<b>Lenght mm</b> 1240 yy = N° elem. 22	W 1104	1441	1843	2379	2905					
<b>Lenght mm</b> 1352 yy = N° elem. 24	W 1205	1572	2011	2595	3169					
<b>Lenght mm</b> 1464 yy = N° elem. 26	W 1305	1704	2179	2812						
<b>Lenght mm</b> 1576 yy = N° elem. 28	W 1405	1835	2346	3028						
<b>Lenght mm</b> 1688 yy = N° elem. 30	W 1506	1966	2514	3244						

### Decorative & Technical Accessories



Kit Valves and  
Lockshield valve  
Pag. 562



Pipe cover kit  
Pag. 566

