



PIANO VERTICAL

12 elements, height 1820 mm, lenght 680 mm. Ivory finish (cod. 02). Configuration cod. 80.

Technical features:

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

Finishes available

Surcharge

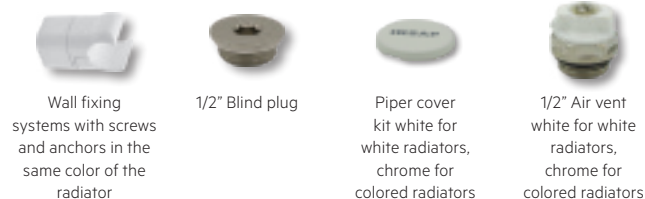
Standard White

IRSAP finishes

Other RAL colors

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

❗ For the possibility of requesting custom models see page 590



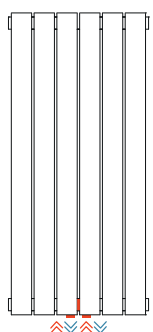
EN442-1							Thermal Power					
Model	Code	Depth	Height	Conn. centre	Weight	Capacity	$\Delta t=50^{\circ}\text{C}$	$\Delta t=40^{\circ}\text{C}$	$\Delta t=30^{\circ}\text{C}$	$\Delta t=20^{\circ}\text{C}$	Exponent	
		mm	H mm	H' mm	Kg	lt	Btu/h	Watt	Watt	Watt (°)	n.	
520	PI1 0520 YY 01 A4 01 A	38	520	470	0,64	0,25	116,3	34,1	25,6	17,7	10,6	1,280
700	PI1 0700 YY 01 A4 01 A	38	700	650	0,82	0,31	152,7	44,8	33,5	23,1	13,7	1,295
920	PI1 0920 YY 01 A4 01 A	38	920	870	1,04	0,39	195,3	57,2	42,7	29,3	17,2	1,314
1220	PI1 1220 YY 01 A4 01 A	38	1220	1170	1,39	0,48	255,9	75,0	56,0	38,4	22,6	1,310
1520	PI1 1520 YY 01 A4 01 A	38	1520	1470	1,64	0,60	315,3	92,4	69,0	47,4	27,9	1,306
1820	PI1 1820 YY 01 A4 01 A	38	1820	1770	1,94	0,70	375,0	109,9	82,2	56,5	33,3	1,302
2020	PI1 2020 YY 01 A4 01 A	38	2020	1970	2,14	0,77	415,0	121,6	91,0	62,6	37,0	1,300
2220	PI1 2220 YY 01 A4 01 A	38	2220	2170	2,39	0,83	455,3	133,5	99,9	68,8	40,7	1,297
2520	PI1 2520 YY 01 A4 01 A	38	2520	2470	2,64	0,94	516,4	151,4	113,4	78,2	46,3	1,293

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

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

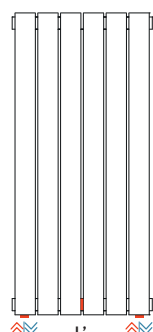
Special Options

Cod. 84



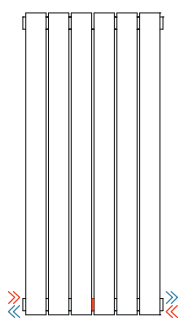
Welded manifolds
50 mm pitch
Universal connection

Cod. 82



Welded
manifolds

Cod. 80



Internal
Flow diverter

Manifolds:

The 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 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 56 (element pitch): $L' = 56 \times (n^{\circ} \text{ of elements } - 1)$.

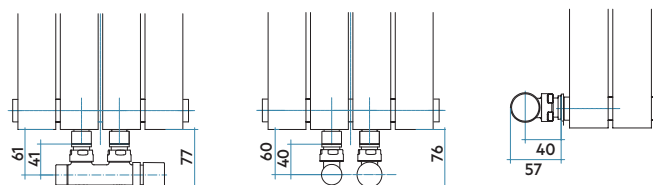
Bottom Connections (Cod. M82, M84): For bottom water connections insert an internal flow diverter to the bottom manifold

Internal 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

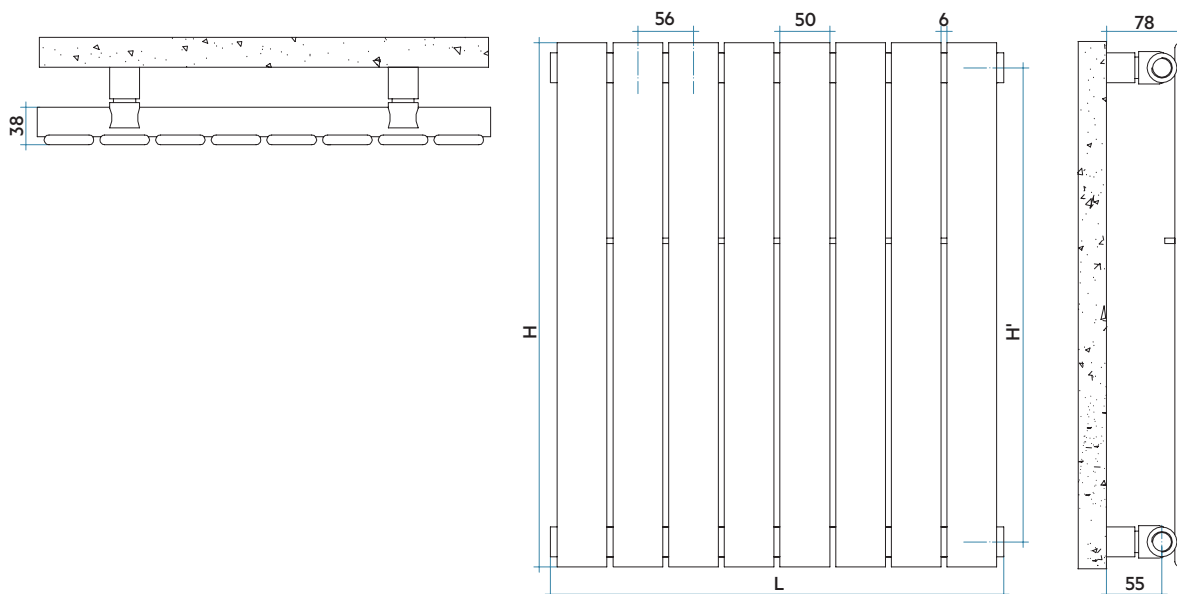


Key Codes

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

PI1 0520 YY 01 A4 01 A Vertical

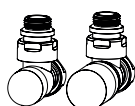
Standard White color code.
For different color codes see the colors page.



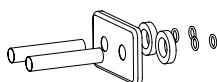
COMPLETE RADIATOR DATA

(L)		HEIGHT (H)								
		520	700	920	1220	1520	1820	2020	2220	2520
Lenght mm	232									
yy = N° elem.	4	W	136	179	229	300	370	440	487	534
Lenght mm	344									
yy = N° elem.	6	W	205	269	343	450	554	659	730	801
Lenght mm	456									
yy = N° elem.	8	W	273	358	458	600	739	879	973	1068
Lenght mm	568									
yy = N° elem.	10	W	341	448	572	750	924	1099	1216	1335
Lenght mm	680									
yy = N° elem.	12	W	409	537	687	900	1109	1319	1460	1601
Lenght mm	792									
yy = N° elem.	14	W	477	627	801	1050	1294	1539	1703	1868
Lenght mm	904									
yy = N° elem.	16	W	545	716	916	1200	1479	1758	1946	2135
Lenght mm	1016									
yy = N° elem.	18	W	614	806	1030	1350	1663	1978	2189	2402
Lenght mm	1128									
yy = N° elem.	20	W	682	895	1145	1500	1848	2198	2433	2669
Lenght mm	1240									
yy = N° elem.	22	W	750	985	1259	1650	2033	2418	2676	2936
Lenght mm	1352									
yy = N° elem.	24	W	818	1074	1374	1800	2218	2638	2919	3203
Lenght mm	1464									
yy = N° elem.	26	W	886	1164	1488	1950	2403	2857	3162	
Lenght mm	1576									
yy = N° elem.	28	W	955	1253	1602	2100	2587	3077		
Lenght mm	1688									
yy = N° elem.	30	W	1023	1343	1717	2250	2772	3297		

Decorative & Technical Accessories



Kit Valves and
Lockshield valve
Pag. 564



Pipe cover kit
Pag. 568

