



**SAX 2 VERTICAL**

20 elements, height 2000 mm, length 800 mm. Ivory finish (cod. 02). Configuration cod. 80.  
Designed by Synthesis Design



#### Technical features:

- manifolds with a 30 mm diameter circular section
- tubes made of sheet steel with a 20x25 mm rectangular 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 SAX 2 Vertical 1800 high and 9 elements wide = the price of a SAX 2 Vertical 1800 high and 10 elements wide.

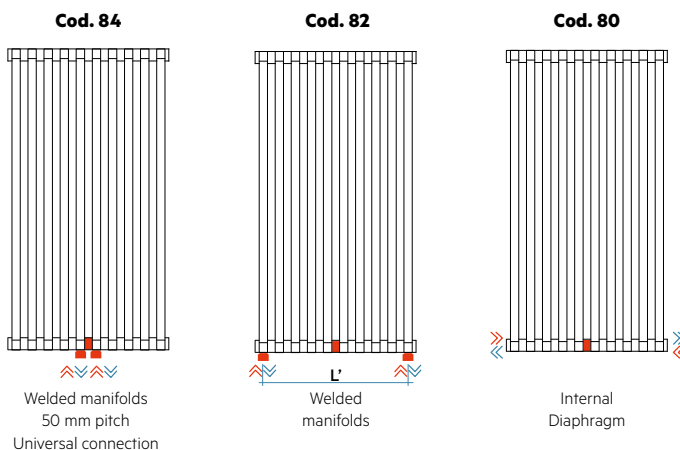


Model	Code	Depth mm	Height H mm	Conn. centre H' mm	Weight Kg	Capacity lt	Thermal Power				Exponent n.	
							$\Delta t=50^{\circ}\text{C}$ Btu/h	$\Delta t=50^{\circ}\text{C}$ Watt	$\Delta t=40^{\circ}\text{C}$ Watt	$\Delta t=30^{\circ}\text{C}$ Watt (*)		$\Delta t=20^{\circ}\text{C}$ Watt
500	<b>SX2 0500 YY 01 IR 01 A</b>	80	500	470	0,82	0,44	148,7	<b>43,6</b>	32,8	<b>22,7</b>	13,5	1,278
530	<b>SX2 0530 YY 01 IR 01 A</b>	80	530	500	0,86	0,47	156,8	<b>46,0</b>	34,5	<b>23,9</b>	14,2	1,279
630	<b>SX2 0630 YY 01 IR 01 A</b>	80	630	600	1,00	0,55	183,3	<b>53,7</b>	40,4	<b>27,9</b>	16,6	1,282
650	<b>SX2 0650 YY 01 IR 01 A</b>	80	650	620	1,03	0,57	188,5	<b>55,3</b>	41,5	<b>28,7</b>	17,1	1,283
680	<b>SX2 0680 YY 01 IR 01 A</b>	80	680	650	1,07	0,59	196,4	<b>57,5</b>	43,2	<b>29,9</b>	17,8	1,284
730	<b>SX2 0730 YY 01 IR 01 A</b>	80	730	700	1,14	0,63	209,3	<b>61,3</b>	46,0	<b>31,8</b>	18,9	1,285
830	<b>SX2 0830 YY 01 IR 01 A</b>	80	830	800	1,28	0,71	234,8	<b>68,8</b>	51,6	<b>35,6</b>	21,1	1,289
850	<b>SX2 0850 YY 01 IR 01 A</b>	80	850	820	1,31	0,73	239,8	<b>70,3</b>	52,7	<b>36,4</b>	21,6	1,289
900	<b>SX2 0900 YY 01 IR 01 A</b>	80	900	870	1,38	0,77	252,4	<b>74,0</b>	55,5	<b>38,2</b>	22,7	1,291
1200	<b>SX2 1200 YY 01 IR 01 A</b>	80	1200	1170	1,80	1,01	325,5	<b>95,4</b>	71,4	<b>49,2</b>	29,1	1,297
1500	<b>SX2 1500 YY 01 IR 01 A</b>	80	1500	1470	2,22	1,26	395,4	<b>115,9</b>	86,8	<b>59,7</b>	35,3	1,297
1800	<b>SX2 1800 YY 01 IR 01 A</b>	80	1800	1770	2,64	1,50	462,5	<b>135,6</b>	101,5	<b>69,8</b>	41,2	1,299
2000	<b>SX2 2000 YY 01 IR 01 A</b>	80	2000	1970	2,92	1,66	505,8	<b>148,2</b>	110,9	<b>76,3</b>	45,0	1,301

(\*) Thanks to the high performance of Irsap SAX 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 40 (element pitch):  $L' = 40 \times (n^{\circ} \text{ of elements} - 1)$ .

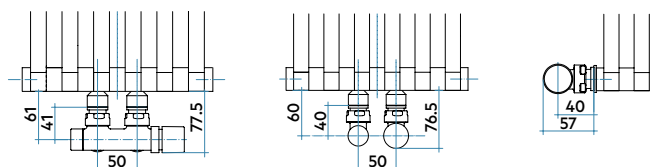
**Bottom Connections (Cod. M82, M84):** For bottom water connections insert an internal flow diverter to the bottom manifold

**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

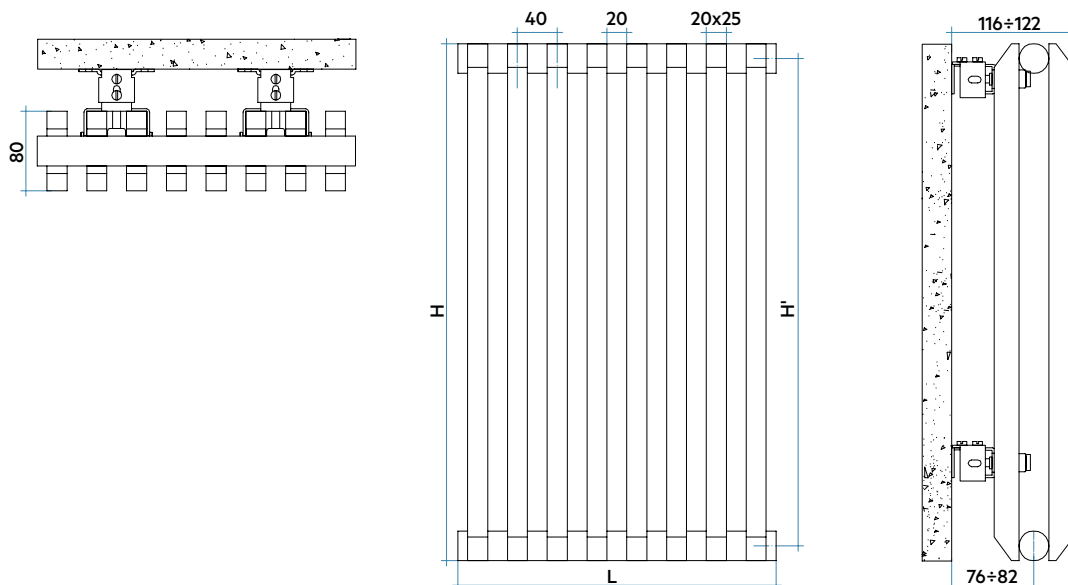


#### Key Codes

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

**SX 2 0500 YY 01 IR 01 A** Vertical

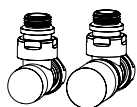
Standard White color code.  
For different color codes see the colors page.



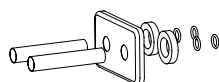
### COMPLETE BATTERY DATA

(L)	HEIGHT (H)														
	500	530	630	650	680	730	830	850	900	1200	1500	1800	2000		
<b>Lenght mm</b> 160 yy = N° elem. 4	W	174	184	215	221	230	245	275	281	296	382	464	542	593	
<b>Lenght mm</b> 240 yy = N° elem. 6	W	262	276	322	332	345	368	413	422	444	572	695	813	890	
<b>Lenght mm</b> 320 yy = N° elem. 8	W	349	368	430	442	460	491	550	562	592	763	927	1084	1186	
<b>Lenght mm</b> 400 yy = N° elem. 10	W	436	460	537	553	576	613	688	703	740	954	1159	1356	1483	
<b>Lenght mm</b> 480 yy = N° elem. 12	W	523	552	645	663	691	736	826	843	888	1145	1391	1627	1779	
<b>Lenght mm</b> 560 yy = N° elem. 14	W	610	643	752	774	806	859	963	984	1036	1336	1622	1898	2076	
<b>Lenght mm</b> 640 yy = N° elem. 16	W	697	735	860	884	921	981	1101	1125	1184	1526	1854	2169	2372	
<b>Lenght mm</b> 720 yy = N° elem. 18	W	785	827	967	995	1036	1104	1239	1265	1331	1717	2086	2440	2669	
<b>Lenght mm</b> 800 yy = N° elem. 20	W	872	919	1075	1105	1151	1227	1376	1406	1479	1908	2318	2711	2965	
<b>Lenght mm</b> 880 yy = N° elem. 22	W	959	1011	1182	1216	1266	1349	1514	1546	1627	2099	2550	2982	3262	
<b>Lenght mm</b> 960 yy = N° elem. 24	W	1046	1103	1290	1326	1381	1472	1651	1687	1775	2290	2781	3253		
<b>Lenght mm</b> 1040 yy = N° elem. 26	W	1133	1195	1397	1437	1496	1595	1789	1828	1923	2480	3013			
<b>Lenght mm</b> 1120 yy = N° elem. 28	W	1221	1287	1504	1547	1611	1718	1927	1968	2071	2671	3245			
<b>Lenght mm</b> 1200 yy = N° elem. 30	W	1308	1379	1612	1658	1727	1840	2064	2109	2219	2862				
<b>Lenght mm</b> 1280 yy = N° elem. 32	W	1395	1471	1719	1768	1842	1963	2202	2249	2367	3053				
<b>Lenght mm</b> 1360 yy = N° elem. 34	W	1482	1563	1827	1879	1957	2086	2340	2390	2515	3244				
<b>Lenght mm</b> 1440 yy = N° elem. 36	W	1569	1655	1934	1989	2072	2208	2477	2530	2663					
<b>Lenght mm</b> 1520 yy = N° elem. 38	W	1656	1746	2042	2100	2187	2331	2615	2671	2811					
<b>Lenght mm</b> 1600 yy = N° elem. 40	W	1744	1838	2149	2210	2302	2454	2752	2812	2959					

### Decorative & Technical Accessories



Kit Valves and  
Lockshield valve  
Pag. 562



Pipe cover kit  
Pag. 566

