



SAX VERTICAL

18 elements, height 1800 mm, length 720 mm. Opaque Black (cod. K1). 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

Standard White
Classic finishes
Special finishes
Other RAL colors

Surcharge

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 Vertical 1800 high and 9 elements wide = the price of a SAX Vertical 1800 high and 10 elements wide.

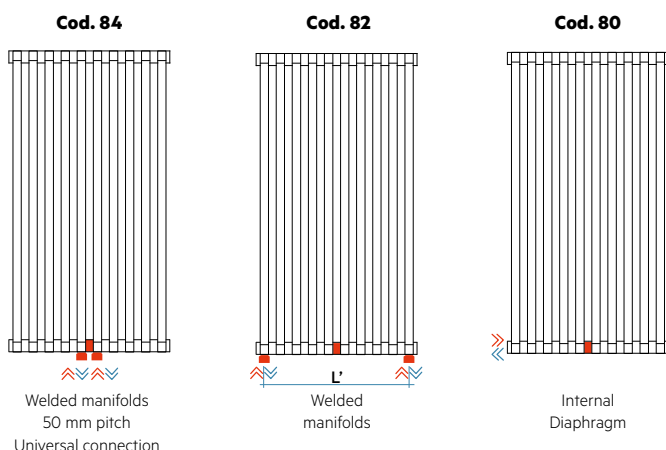


Model	Code	Depth mm	Height H mm	Conn. centre H' mm	Weight Kg	Capacity lt	Thermal Power					Exponent n.
							$\Delta t=50^{\circ}\text{C}$ Btu/h	$\Delta t=50^{\circ}\text{C}$ Watt	$\Delta t=40^{\circ}\text{C}$ Watt	$\Delta t=30^{\circ}\text{C}$ Watt (*)	$\Delta t=20^{\circ}\text{C}$ Watt	
500	SX1 0500 YY 01 IR 01 A	55	500	470	0,47	0,24	93,1	27,3	20,7	14,5	8,8	1,233
530	SX1 0530 YY 01 IR 01 A	55	530	500	0,49	0,25	97,9	28,7	21,8	15,3	9,2	1,234
630	SX1 0630 YY 01 IR 01 A	55	630	600	0,56	0,29	113,4	33,2	25,2	17,6	10,7	1,240
650	SX1 0650 YY 01 IR 01 A	55	650	620	0,57	0,30	116,5	34,1	25,9	18,1	11,0	1,241
680	SX1 0680 YY 01 IR 01 A	55	680	650	0,59	0,32	121,1	35,5	26,9	18,8	11,4	1,242
730	SX1 0730 YY 01 IR 01 A	55	730	700	0,63	0,34	128,8	37,8	28,6	20,0	12,1	1,245
830	SX1 0830 YY 01 IR 01 A	55	830	800	0,70	0,38	144,1	42,2	32,0	22,3	13,4	1,250
850	SX1 0850 YY 01 IR 01 A	55	850	820	0,71	0,38	147,2	43,1	32,6	22,8	13,7	1,251
900	SX1 0900 YY 01 IR 01 A	55	900	870	0,75	0,40	154,8	45,4	34,3	23,9	14,4	1,254
1200	SX1 1200 YY 01 IR 01 A	55	1200	1170	0,96	0,53	200,5	58,8	44,3	30,8	18,4	1,266
1500	SX1 1500 YY 01 IR 01 A	55	1500	1470	1,17	0,65	246,7	72,3	54,4	37,7	22,5	1,273
1800	SX1 1800 YY 01 IR 01 A	55	1800	1770	1,38	0,77	293,8	86,1	64,8	44,9	26,7	1,276
2000	SX1 2000 YY 01 IR 01 A	55	2000	1970	1,52	0,85	325,9	95,5	71,9	49,8	29,7	1,275

(*) Thanks to the high performance of Irsap SAX 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



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): $L' = 40 \times (n^{\circ} \text{ of elements} - 1)$.

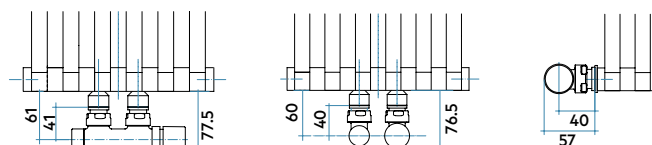
Bottom Connections (Cod. M82, M84): For bottom water connections insert an internal flow diverter to the bottom manifold

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

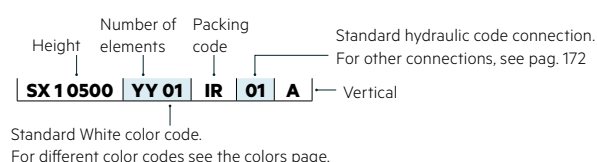
Configured for connection with single-pipe valve: connection available only for modul and/or double-pipe systems, no monotube valve with loop - (specify water inlet)

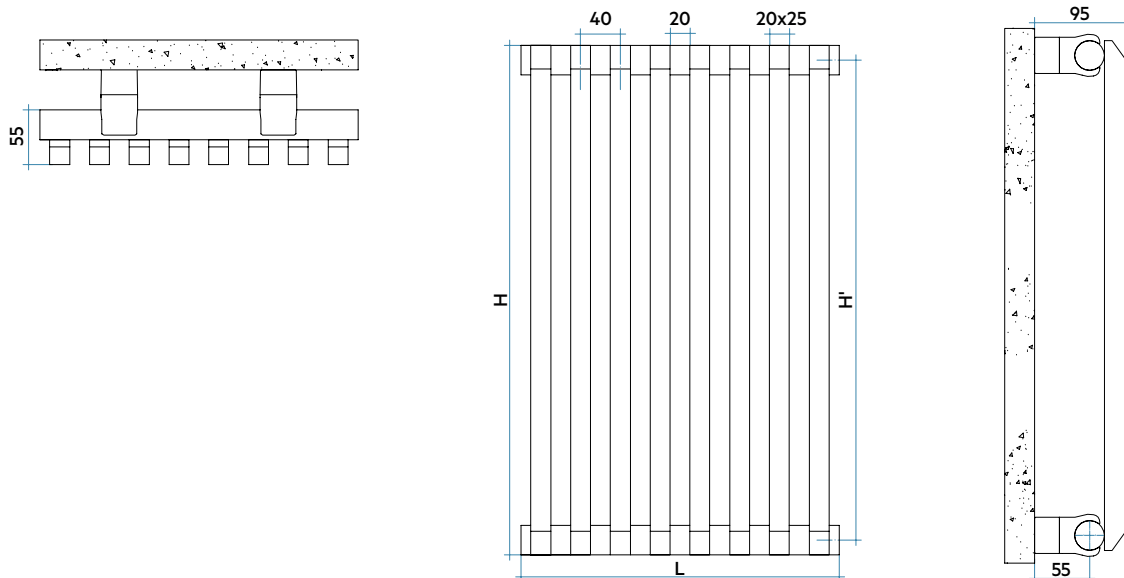
For other connections see page 172

Connection dimensions with Irsap valves



Key Codes

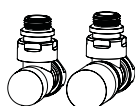




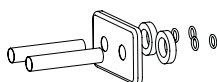
COMPLETE BATTERY DATA

		HEIGHT (H)													
(L)			500	530	630	650	680	730	830	850	900	1200	1500	1800	2000
Lenght mm	160														
yy = N° elem.	4	W	109	115	133	137	142	151	169	173	181	235	289	344	382
Lenght mm	240														
yy = N° elem.	6	W	164	172	199	205	213	227	253	259	272	353	434	517	573
Lenght mm	320														
yy = N° elem.	8	W	218	229	266	273	284	302	338	345	363	470	578	689	764
Lenght mm	400														
yy = N° elem.	10	W	273	287	332	342	355	378	422	431	454	588	723	861	955
Lenght mm	480														
yy = N° elem.	12	W	327	344	399	410	426	453	507	518	544	705	868	1033	1146
Lenght mm	560														
yy = N° elem.	14	W	382	402	465	478	497	529	591	604	635	823	1012	1206	1337
Lenght mm	640														
yy = N° elem.	16	W	437	459	532	546	568	604	676	690	726	940	1157	1378	1528
Lenght mm	720														
yy = N° elem.	18	W	491	516	598	615	639	680	760	776	817	1058	1302	1550	1719
Lenght mm	800														
yy = N° elem.	20	W	546	574	665	683	710	755	845	863	907	1175	1446	1722	1910
Lenght mm	880														
yy = N° elem.	22	W	600	631	731	751	781	831	929	949	998	1293	1591	1894	2101
Lenght mm	960														
yy = N° elem.	24	W	655	688	798	820	852	906	1014	1035	1089	1410	1735	2067	2292
Lenght mm	1040														
yy = N° elem.	26	W	710	746	864	888	923	982	1098	1121	1180	1528	1880	2239	2483
Lenght mm	1120														
yy = N° elem.	28	W	764	803	931	956	994	1057	1183	1208	1270	1646	2025	2411	2674
Lenght mm	1200														
yy = N° elem.	30	W	819	860	997	1025	1065	1133	1267	1294	1361	1763	2169	2583	2865
Lenght mm	1280														
yy = N° elem.	32	W	873	918	1064	1093	1136	1208	1352	1380	1452	1881	2314	2756	3056
Lenght mm	1360														
yy = N° elem.	34	W	928	975	1130	1161	1207	1284	1436	1466	1543	1998	2459	2928	3247
Lenght mm	1440														
yy = N° elem.	36	W	982	1032	1197	1229	1278	1359	1521	1553	1633	2116	2603	3100	
Lenght mm	1520														
yy = N° elem.	38	W	1037	1090	1263	1298	1349	1435	1605	1639	1724	2233	2748	3272	
Lenght mm	1600														
yy = N° elem.	40	W	1092	1147	1330	1366	1420	1510	1690	1725	1815	2351	2892		

Decorative & Technical Accessories



Kit Valves and
Lockshield valve
Pag. 562



Pipe cover kit
Pag. 566

