

SAX 2

Design by: Synthesis



Radiator painted in Opaque Blue (cod. 8B)

Interior Design Radiator **SAX 2**

SAX 2 is the version of Sax with a double row of tubes. This design solution is suitable for environments requiring a greater heat yield. Heights vary from 500 mm to 2000 mm and from 4 to 40 elements in even numbers.

SAX 2 can be installed vertically or horizontally.



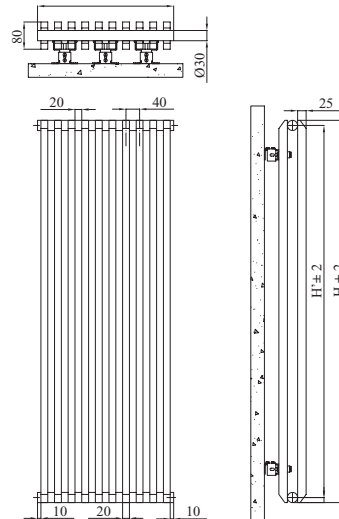
Detail of the Sax 2 radiator tubes and manifold.

SAX 2

SAX 2 RADIATOR CAN BE INSTALLED VERTICALLY OR HORIZONTALLY



In photo: Sax 2 Vertical radiator. Height mm 1800, 10 elements, colour Opaque Blue (cod. 1B).



TECHNICAL SPECIFICATIONS: depth 77 mm and 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.

(*) THANKS TO THE HIGH PERFORMANCE OF IRSAP SAX 2 RADIATORS, THE IDEAL Δt FOR LOW TEMPERATURE PROJECTS IS Δt AT 30°C.

DATA REGARDING VERTICAL INSTALLATION

Thermal Power

MOD.	Code	Depth P mm	Hight H mm	Conn. centre H' mm	Weight Kg	Capacity lt	Δt 50°C Btu/h	Δt 50°C Watt	Δt 40°C Watt	Δt 50°C Watt	Δt 20°C Watt	Expon. n.
500	SX20500 yy 01	77	500	470	0,83	0,41	166,4	48,8	36,5	25,2	14,9	1,291
680	SX20680 yy 01	77	680	650	1,13	0,55	226,1	66,3	49,7	34,3	20,3	1,291
900	SX20900 yy 01	77	900	870	1,50	0,73	297,8	87,3	65,4	45,1	26,7	1,290
1500	SX21500 yy 01	77	1500	1470	2,50	1,22	478,0	140,0	105,0	72,5	43,0	1,289
1800	SX21800 yy 01	77	1800	1770	3,00	1,46	512,1	150,0	112,5	77,7	46,1	1,288
2000	SX22000 yy 01	77	2000	1970	3,33	1,62	546,1	160,0	120,0	82,7	49,0	1,291

01 = Standard White colour code - for different colour codes see the colour card.

Heat output are estimated and are undergoing certification. Power calculated with Δt 50°C.

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

yy = number of elements

Packaging include: fixing brackets complete with screws and anchors, 1/2" chromium plated air vent, 1/2" chromium plated blind plug.

Special Options

The pipefittings welded on the side (for Sax2 Horizontal) / bottom (for Sax2 Vertical) 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 (see fig. 2), while the maximum distance depends on the length of the radiator. The **maximum** distance between centres can be: $H' = 40 \times (n^{\circ} \text{ of elements} - 1)$ (see fig. 1).

