ARPA 23_2 HORIZONTAL
18 elements, height 606 mm, lenght 1820 mm. Standard White finish (cod. 01). Configuration cod. 01.

Technical features:

- round section manifold, 30 mm diameter
- 23 mm diameter steel round pipes
- threading at the ends of the manifolds, right G 1/2"
- maximum working pressure 8 bar
- maximum working temperature 95°C

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

Finishing codes see page 596.

CE 14 EN442-1 EN 442 EURONORM

Price included:


Wall fixing systems with screws and anchors


1/2" Blind plug

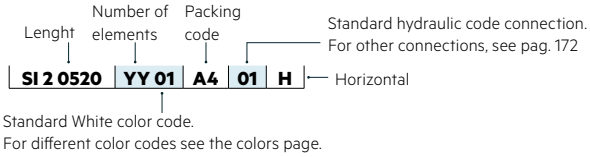

Piper cover kit


1/2" Air vent

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 ARPA 23_2 Horizontal 1820 lenght and 7 elements wide = the price of a ARPA 23_2 Horizontal 1820 lenght and 8 elements wide.

Model	Code	Depth	Lenght	Conn. C.	Weight	Cap.
		P mm	L mm	L' mm	Kg	lt
520	**SI2 0520 YY 01 A4 01 H**	70	520	470	0,80	0,36
550	**SI2 0550 YY 01 A4 01 H**	70	550	500	0,85	0,38
650	**SI2 0650 YY 01 A4 01 H**	70	650	600	1,00	0,45
670	**SI2 0670 YY 01 A4 01 H**	70	670	620	1,03	0,46
700	**SI2 0700 YY 01 A4 01 H**	70	700	650	1,08	0,48
750	**SI2 0750 YY 01 A4 01 H**	70	750	700	1,15	0,52
850	**SI2 0850 YY 01 A4 01 H**	70	850	800	1,31	0,59
870	**SI2 0870 YY 01 A4 01 H**	70	870	820	1,33	0,54
920	**SI2 0920 YY 01 A4 01 H**	70	920	870	1,38	0,63
1220	**SI2 1220 YY 01 A4 01 H**	70	1220	1170	1,81	0,82
1520	**SI2 1520 YY 01 A4 01 H**	70	1520	1470	2,20	1,04
1820	**SI2 1820 YY 01 A4 01 H**	70	1820	1770	2,63	1,25
2020	**SI2 2020 YY 01 A4 01 H**	70	2020	1970	2,89	1,34
2520	**SI2 2520 YY 01 A4 01 H**	70	2520	2470	3,61	1,67

Key Codes



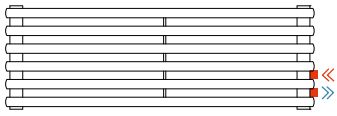
ARPA 23_2 Horizontal: Power in Watt for linear metre

N. el.	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40
Btu/h a Δt= 50°C	1388,5	1820,0	2206,1	2564,3	2902,9	3227,9	3542,0	3848,3	4147,7	4442,6	4733,2	5021,0	5306,0	5589,4	5871,4	6152,4	6433,0	6713,3	6993,6
Watt a Δt= 50°C	406,7	533,1	646,2	751,1	850,3	945,5	1037,5	1127,2	1214,9	1301,3	1386,4	1470,7	1554,2	1637,2	1719,8	1802,1	1884,3	1966,4	2048,5
Watt a Δt= 40°C	313,7	368,1	497,9	578,0	657,0	733,6	801,8	867,6	929,7	990,1	1064,0	1128,0	1191,5	1254,6	1317,3	1379,4	1441,6	1503,8	1565,9
Watt a Δt= 30°C*	224,4	228,3	355,8	412,3	471,1	529,0	575,1	619,1	658,5	696,0	756,4	801,2	845,8	890,1	934,0	977,2	1020,8	1064,2	1107,5
Watt a Δt= 20°C	140,0	116,5	221,6	256,2	294,8	333,6	360,1	384,8	405,0	423,5	467,7	494,7	521,9	548,7	575,4	601,2	627,5	653,7	679,7
Modification index	1,164	1,660	1,168	1,174	1,156	1,137	1,155	1,173	1,199	1,225	1,186	1,189	1,191	1,193	1,195	1,198	1,200	1,202	1,204

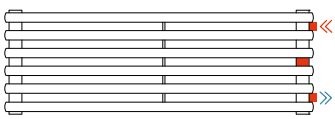
(*) Thanks to the high performance of Irsap ARPA 23_2 Horizontal radiators, the ideal Δt for low temperature projects is Δt at 30°C.
For Δt different from 50°C use the formula: $Q=Qn\ (\Delta t / 50)^{n}$

Special Options

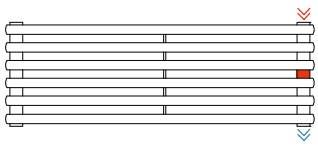
Cod. 88


Welded manifolds
50 mm pitch
Universal connection

Cod. 82

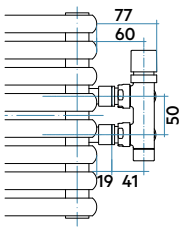

Welded manifolds

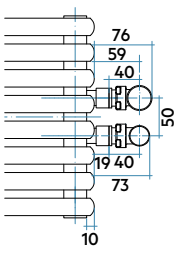
Cod. 80

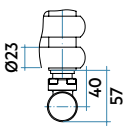

Internal Diaphragm

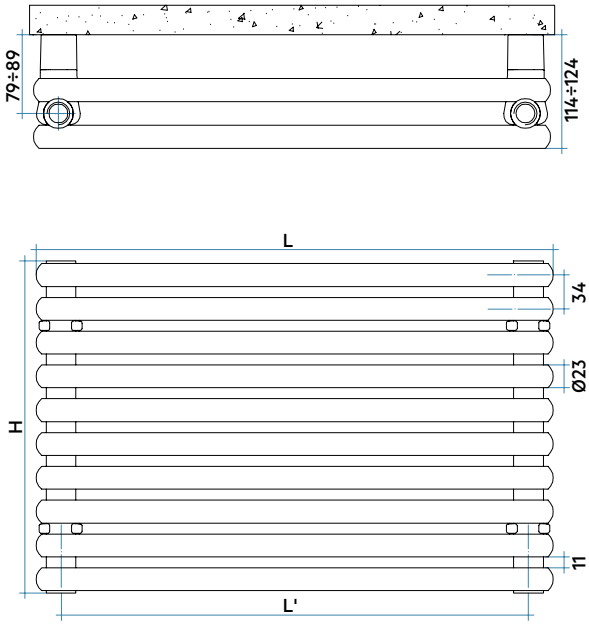
Manifolds:
The pipefittings welded on the side manifold can be positioned at any point at a specified distance between centres. It is compulsory in this type of installation to install a diaphragm during production to ensure the product functions correctly. The minimum possible distance between centres is equal to 50 mm (cod. 88), 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 - 2 multiplied by 34 (element pitch): H' = 34 x (n° of elements - 2).
Side Connections (Cod. M82, M88): for side water connections insert an internal flow diverter to the bottom manifold
Internal Diaphragm (Cod. M80): Prearrangement for side 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





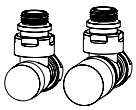




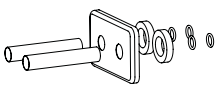
COMPLETE BATTERY DATA

(H)			LENGHT (L) 520	550	650	670	700	750	850	870	920	1220	1520	1820	2020	2520
Height mm	**130**	W	211	224	264	272	285	305	346	354	374	496	618	740	822	1025
yy = N° elem.	*4*															
Height mm	**198**	W	277	293	347	357	373	400	453	464	490	650	810	970	1077	1343
yy = N° elem.	*6*															
Height mm	**266**	W	336	355	420	433	452	485	549	562	595	788	982	1176	1305	1628
yy = N° elem.	*8*															
Height mm	**334**	W	391	413	488	503	526	563	638	653	691	916	1142	1367	1517	1893
yy = N° elem.	*10*															
Height mm	**402**	W	442	468	553	570	595	638	723	740	782	1037	1292	1548	1718	2143
yy = N° elem.	*12*															
Height mm	**470**	W	492	520	615	633	662	709	804	823	870	1154	1437	1721	1910	2383
yy = N° elem.	*14*															
Height mm	**538**	W	540	571	674	695	726	778	882	903	955	1266	1577	1888	2096	2615
yy = N° elem.	*16*															
Height mm	**606**	W	586	620	733	755	789	845	958	981	1037	1375	1713	2052	2277	2841
yy = N° elem.	*18*															
Height mm	**674**	W	632	668	790	814	850	911	1033	1057	1118	1482	1847	2211	2454	3062
yy = N° elem.	*20*															
Height mm	**742**	W	677	716	846	872	911	976	1106	1132	1197	1588	1978	2368	2629	
yy = N° elem.	*22*															
Height mm	**810**	W	721	763	901	929	970	1040	1178	1206	1275	1691	2107	2523	2801	
yy = N° elem.	*24*															
Height mm	**878**	W	765	809	956	985	1029	1103	1250	1280	1353	1794	2235	2677		
yy = N° elem.	*26*															
Height mm	**946**	W	808	855	1010	1041	1088	1166	1321	1352	1430	1896	2362	2829		
yy = N° elem.	*28*															
Height mm	**1014**	W	851	900	1064	1097	1146	1228	1392	1424	1506	1997	2489			
yy = N° elem.	*30*															
Height mm	**1082**	W	894	946	1118	1152	1204	1290	1462	1496	1582	2098	2614			
yy = N° elem.	*32*															
Height mm	**1150**	W	937	991	1171	1207	1261	1352	1532	1568	1658	2199	2739			
yy = N° elem.	*34*															
Height mm	**1218**	W	980	1036	1225	1262	1319	1413	1602	1639	1734	2299				
yy = N° elem.	*36*															
Height mm	**1286**	W	1023	1082	1278	1317	1376	1475	1671	1711	1809	2399				
yy = N° elem.	*38*															
Height mm	**1354**	W	1065	1127	1332	1372	1434	1536	1741	1782	1885	2499				
yy = N° elem.	*40*															

Decorative & Technical Accessories



Kit Valves and Lockshield valve
Pag. 562



Pipe cover kit
Pag. 566