ARPA 18_2 VERTICAL
20 elements, height 2020 mm, lenght 541 mm. Sablé finish (cod. Y4). Configuration cod. 01.

Technical features:

- manifolds with a 30 mm diameter circular section
- tubes made of sheet steel with an 18 mm diameter
- manifold threading 1/2" Gas right
- maximum working pressure 10 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:

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: an ARPA 18_2 Vertical 1820 high and 9 elements wide = the price of an ARPA 18_2 Vertical 1820 high and 10 elements wide.

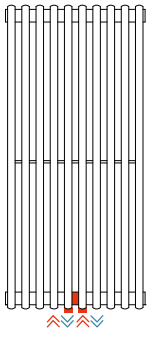
CE 18 EN442-1 EN 442 EUROPEAN NORM

Model	Code	Depth	Height	Conn. centre	Weight	Capacity	Thermal Power Δt=50°C		Δt=40°C	Δt=30°C	Δt=20°C	Exponent
		mm	H mm	H' mm	Kg	lt	Btu/h	**Watt**	Watt	**Watt (*)**	Watt	n.
520	**A28 0520 YY 01 IR 01 A**	62	520	470	0,54	0,23	106,1	**31,1**	23,3	**16,0**	9,5	1,296
550	**A28 0550 YY 01 IR 01 A**	62	550	500	0,57	0,24	111,6	**32,7**	24,5	**16,9**	10,0	1,296
650	**A28 0650 YY 01 IR 01 A**	62	650	600	0,66	0,28	129,3	**37,9**	28,4	**19,5**	11,5	1,298
670	**A28 0670 YY 01 IR 01 A**	62	670	620	0,68	0,29	132,7	**38,9**	29,1	**20,0**	11,8	1,298
700	**A28 0700 YY 01 IR 01 A**	62	700	650	0,71	0,30	138,2	**40,5**	30,3	**20,9**	12,3	1,299
750	**A28 0750 YY 01 IR 01 A**	62	750	700	0,75	0,32	146,7	**43,0**	32,2	**22,1**	13,1	1,300
850	**A28 0850 YY 01 IR 01 A**	62	850	800	0,84	0,36	163,8	**48,0**	35,9	**24,7**	14,6	1,302
870	**A28 0870 YY 01 IR 01 A**	62	870	820	0,86	0,37	169,8	**49,8**	37,2	**25,6**	15,1	1,302
920	**A28 0920 YY 01 IR 01 A**	62	920	870	0,91	0,39	175,7	**51,5**	38,5	**26,5**	15,6	1,303
1220	**A28 1220 YY 01 IR 01 A**	62	1220	1170	1,18	0,50	224,5	**65,8**	49,1	**33,7**	19,8	1,308
1520	**A28 1520 YY 01 IR 01 A**	62	1520	1470	1,46	0,62	271,3	**79,5**	59,3	**40,7**	23,9	1,312
1820	**A28 1820 YY 01 IR 01 A**	62	1820	1770	1,73	0,74	316,3	**92,7**	69,1	**47,3**	27,7	1,319
2020	**A28 2020 YY 01 IR 01 A**	62	2020	1970	1,92	0,82	345,3	**101,2**	75,3	**51,5**	30,1	1,324
2220	**A28 2220 YY 01 IR 01 A**	62	2220	2170	2,10	0,90	373,6	**109,5**	81,4	**55,5**	32,4	1,329
2520	**A28 2520 YY 01 IR 01 A**	62	2520	2470	2,37	1,01	414,9	**121,6**	90,3	**61,5**	35,8	1,336

(*) Thanks to the high performance of Irsap ARPA 18_2 Vertical radiators, the ideal Δt for low temperature projects is Δt at 30°C.
For Δt different from 50°C use the formula: $Q=Qn\ (\Delta t / 50)^n$

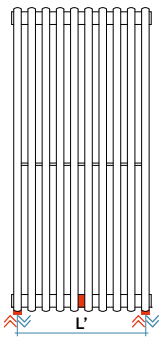
Special Options

Cod. 84



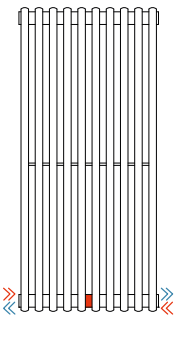
Welded manifolds 50 mm pitch Universal connection

Cod. 82



Welded manifolds

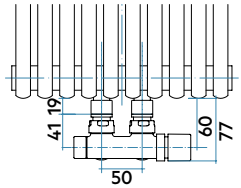
Cod. 80

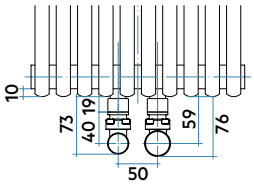


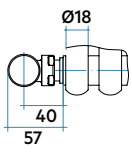
Internal Diaphragm

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 - 2 multiplied by 27 (element pitch): L' = 27 x (n° of elements - 2).
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

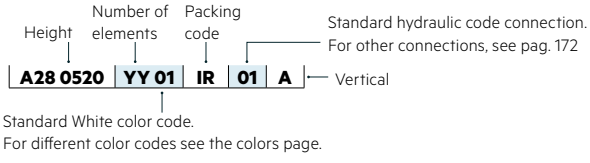
Connection dimensions with IRSAP valves

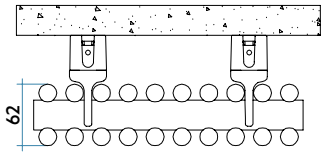


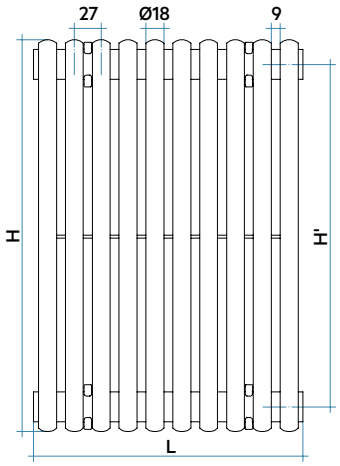


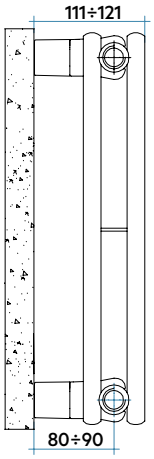


Key Codes







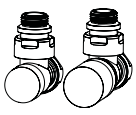


COMPLETE BATTERY DATA

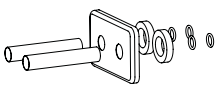
HEIGHT (H)

(L)			520	550	650	670	700	750	850	870	920	1220	1520	1820	2020	2220	2520
Lenght mm	**109**																
yy = N° elem.	4	W	124	131	152	156	162	172	192	199	206	263	318	371	405	438	486
Lenght mm	**163**																
yy = N° elem.	6	W	187	196	227	233	243	258	288	299	309	395	477	556	607	657	730
Lenght mm	**217**																
yy = N° elem.	8	W	249	262	303	311	324	344	384	398	412	526	636	742	810	876	973
Lenght mm	**271**																
yy = N° elem.	10	W	311	327	379	389	405	430	480	498	515	658	795	927	1012	1095	1216
Lenght mm	**325**																
yy = N° elem.	12	W	373	392	455	467	486	516	576	597	618	790	954	1112	1214	1314	1459
Lenght mm	**379**																
yy = N° elem.	14	W	435	458	531	545	567	602	672	697	721	921	1113	1298	1417	1533	1702
Lenght mm	**433**																
yy = N° elem.	16	W	498	523	606	622	648	688	768	796	824	1053	1272	1483	1619	1752	1946
Lenght mm	**487**																
yy = N° elem.	18	W	560	589	682	700	729	774	864	896	927	1184	1431	1669	1822	1971	2189
Lenght mm	**541**																
yy = N° elem.	20	W	622	654	758	778	810	860	960	995	1030	1316	1590	1854	2024	2190	2432
Lenght mm	**595**																
yy = N° elem.	22	W	684	719	834	856	891	946	1056	1095	1133	1448	1749	2039	2226	2409	2675
Lenght mm	**649**																
yy = N° elem.	24	W	746	785	910	934	972	1032	1152	1194	1236	1579	1908	2225	2429	2628	2918
Lenght mm	**703**																
yy = N° elem.	26	W	809	850	985	1011	1053	1118	1248	1294	1339	1711	2067	2410	2631	2847	3162
Lenght mm	**757**																
yy = N° elem.	28	W	871	916	1061	1089	1134	1204	1344	1393	1442	1842	2226	2596	2834	3066	3405
Lenght mm	**811**																
yy = N° elem.	30	W	933	981	1137	1167	1215	1290	1440	1493	1545	1974	2385	2781	3036	3285	
Lenght mm	**865**																
yy = N° elem.	32	W	995	1046	1213	1245	1296	1376	1536	1592	1648	2106	2544	2966	3238		
Lenght mm	**919**																
yy = N° elem.	34	W	1057	1112	1289	1323	1377	1462	1632	1692	1751	2237	2703	3152	3441		
Lenght mm	**973**																
yy = N° elem.	36	W	1120	1177	1364	1400	1458	1548	1728	1791	1854	2369	2862	3337	3643		
Lenght mm	**1027**																
yy = N° elem.	38	W	1182	1243	1440	1478	1539	1634	1824	1891	1957	2500	3021	3523			
Lenght mm	**1081**																
yy = N° elem.	40	W	1244	1308	1516	1556	1620	1720	1920	1990	2060	2632	3180	3708			
Lenght mm	**1135**																
yy = N° elem.	42	W	1306	1373	1592	1634	1701	1806	2016	2090	2163	2764	3339				
Lenght mm	**1189**																
yy = N° elem.	44	W	1368	1439	1668	1712	1782	1892	2112	2189	2266	2895	3498				
Lenght mm	**1243**																
yy = N° elem.	46	W	1431	1504	1743	1789	1863	1978	2208	2289	2369	3027	3657				
Lenght mm	**1297**																
yy = N° elem.	48	W	1493	1570	1819	1867	1944	2064	2304	2388	2472	3158					
Lenght mm	**1351**																
yy = N° elem.	50	W	1555	1635	1895	1945	2025	2150	2400	2488	2575	3290					
Lenght mm	**1405**																
yy = N° elem.	52	W	1617	1700	1971	2023	2106	2236	2496	2587	2678	3422					
Lenght mm	**1459**																
yy = N° elem.	54	W	1679	1766	2047	2101	2187	2322	2592	2687	2781	3553					
Lenght mm	**1513**																
yy = N° elem.	56	W	1742	1831	2122	2178	2268	2408	2688	2786	2884	3685					
Lenght mm	**1567**																
yy = N° elem.	58	W	1804	1897	2198	2256	2349	2494	2784	2886	2987						
Lenght mm	**1621**																
yy = N° elem.	60	W	1866	1962	2274	2334	2430	2580	2880	2985	3090						

Decorative & Technical Accessories



Kit Valves and Lockshield valve
Pag. 562



Pipe cover kit
Pag. 566