ELLIPSIS 30_H HORIZONTAL
10 elements, height 400 mm, lenght 1830 mm. Matt Powder Rose finish (cod. 5V). Configuration cod. 01.

Technical features:

- manifolds with a 30 mm diameter circular section
- tubes made of sheet steel with a 30x15 mm elliptical 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 22

Price included:


Wall fixing systems with screws and anchors


1/2" Blind plug


Piper cover kit


1/2" Air vent

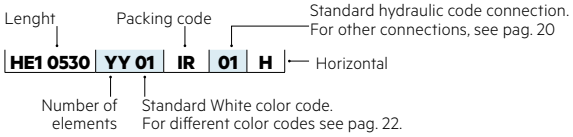
Number of elements:
Radiators with an odd number of elements will be supplied at the same price as a radiator with the next even number of elements.
For example: a ELLIPSIS 30_H Horizontal 1830 lenght and 9 elements wide = the price of a ELLIPSIS 30_H Horizontal 1830 lenght and 10 elements wide.

CE 24 EN442-1

EN 442 EURONORM

Model	Code	Depth	Lenght	Conn. C.	Weight	Cap.
		mm	L mm	L' mm	Kg	lt
530	**HE1 0530 YY 01 IR 01 H**	44	530	470	0,46	0,18
560	**HE1 0560 YY 01 IR 01 H**	44	560	500	0,48	0,19
660	**HE1 0660 YY 01 IR 01 H**	44	660	600	0,54	0,22
680	**HE1 0680 YY 01 IR 01 H**	44	680	620	0,56	0,23
710	**HE1 0710 YY 01 IR 01 H**	44	710	650	0,57	0,23
760	**HE1 0760 YY 01 IR 01 H**	44	760	700	0,61	0,25
860	**HE1 0860 YY 01 IR 01 H**	44	860	800	0,67	0,27
880	**HE1 0880 YY 01 IR 01 H**	44	880	820	0,68	0,28
930	**HE1 0930 YY 01 IR 01 H**	44	930	870	0,71	0,29
1030	**HE1 1030 YY 01 IR 01 H**	44	1030	970	0,77	0,32
1230	**HE1 1230 YY 01 IR 01 H**	44	1230	1170	0,89	0,38
1530	**HE1 1530 YY 01 IR 01 H**	44	1530	1470	1,08	0,46
1830	**HE1 1830 YY 01 IR 01 H**	44	1830	1770	1,26	0,54
2030	**HE1 2030 YY 01 IR 01 H**	44	2030	1970	1,39	0,59
2230	**HE1 2230 YY 01 IR 01 H**	44	2230	2170	1,51	0,65

Key Codes



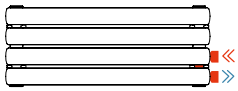
(*) Thanks to the high performance of Irsap ELLIPSIS 30_H Horizontal radiators, the ideal Δt for low temperature projects is Δt at 30°C.
For Δt different from 50°C use the formula: Q=Qn (Δt / 50)^n

ELLIPSIS 30_H Horizontal: Power in Watt for linear metre

N. el.	04	06	08	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50
Btu/h a Δt= 50°C	646,3	962,4	1273,8	1580,7	1882,8	2180,5	2473,4	2761,6	3045,3	3324,2	3598,7	3868,4	4133,7	4393,8	4649,9	4900,8	5147,3	5389,3	5626,6	5865,6	6103,9	6342,2	6580,5	6819,1
Watt a Δt= 50°C	189,3	281,9	373,1	463,0	551,5	638,7	724,5	808,9	892,0	973,7	1054,1	1133,1	1210,8	1287,0	1362,0	1435,5	1507,7	1578,6	1648,1	1718,1	1787,9	1857,7	1927,5	1997,4
Watt a Δt= 40°C	143,8	214,4	283,9	352,6	420,3	488,0	554,8	620,9	684,4	747,0	808,3	867,1	924,7	981,2	1045,8	1103,2	1159,4	1215,1	1269,4	1324,2	1378,6	1433,7	1488,2	1543,3
Watt a Δt= 30°C*	100,9	150,6	199,7	248,1	296,2	344,9	393,3	441,6	486,4	530,7	574,0	614,1	653,2	691,5	743,9	785,6	826,4	867,0	906,6	946,6	986,0	1026,6	1066,3	1106,6
Watt a Δt= 20°C	61,3	91,6	121,5	151,3	180,8	211,5	242,2	273,1	300,6	327,8	354,3	377,7	400,3	422,4	460,3	486,9	512,8	538,9	564,1	589,7	614,8	641,2	666,5	692,5
Modification index	1,231	1,227	1,224	1,221	1,217	1,206	1,196	1,185	1,187	1,188	1,190	1,199	1,208	1,216	1,184	1,180	1,177	1,173	1,170	1,167	1,165	1,161	1,159	1,156

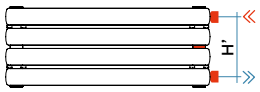
Special Options

Cod. 88



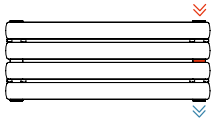
Welded manifolds
50 mm pitch
Universal connection

Cod. 82



Welded manifolds

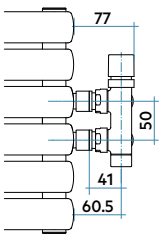
Cod. 80

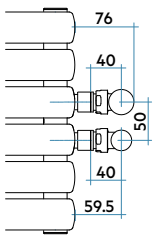


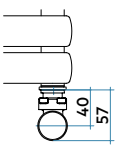
Internal Diaphragm

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 height of the radiator (cod. 82).
The maximum distance between centres is equal to the number of elements - 1 multiplied by 40 (element pitch): H' = 40 x (n° of elements - 1).
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 20

Connection dimensions with Irsap valves

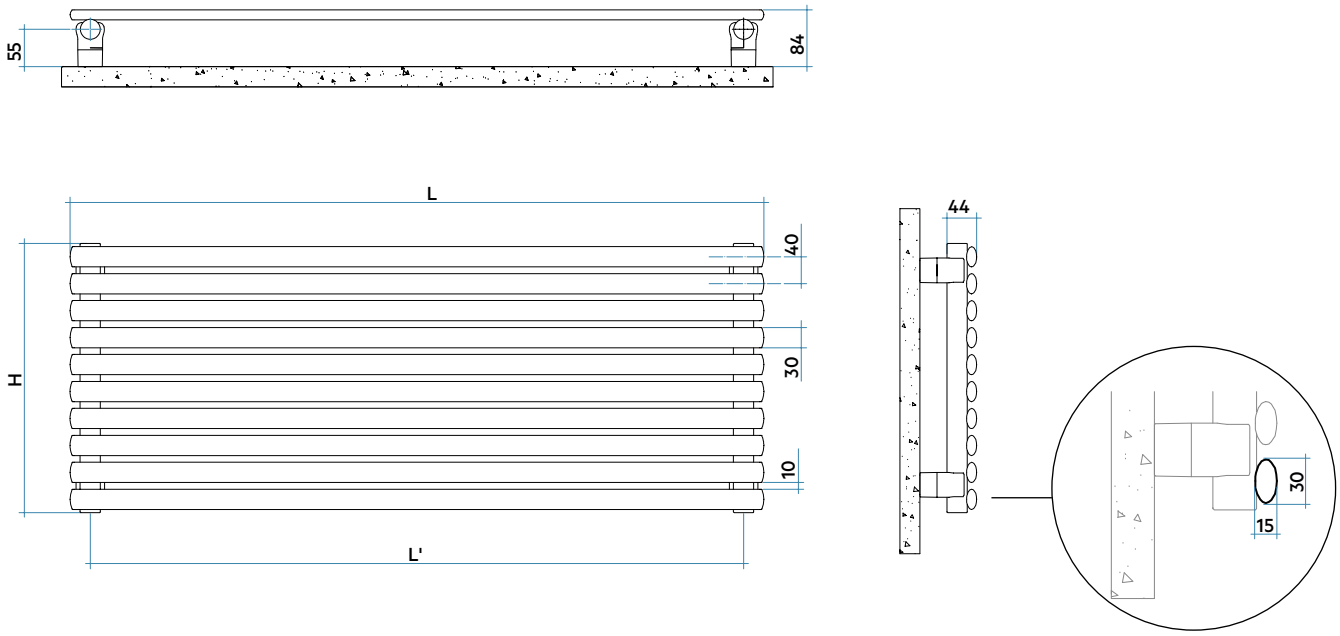






ELLIPSIS 30_H

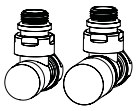
Horizontal



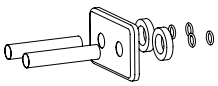
COMPLETE BATTERY DATA

H = Height			LENGHT (L) 530	560	660	680	710	760	860	880	930	1030	1230	1530	1830	2030	2230
Height mm	**160**	W	100	106	125	129	134	144	163	167	176	195	233	290	346	384	422
yy = N° elem.	4																
Height mm	**240**	W	149	158	186	192	200	214	242	248	262	290	347	431	516	572	629
yy = N° elem.	6																
Height mm	**320**	W	198	209	246	254	265	284	321	328	347	384	459	571	683	757	832
yy = N° elem.	8																
Height mm	**400**	W	245	259	306	315	329	352	398	407	431	477	569	708	847	940	1032
yy = N° elem.	10																
Height mm	**480**	W	292	309	364	375	392	419	474	485	513	568	678	844	1009	1120	1230
yy = N° elem.	12																
Height mm	**560**	W	339	358	422	434	453	485	549	562	594	658	786	977	1169	1297	1424
yy = N° elem.	14																
Height mm	**640**	W	384	406	478	493	514	551	623	638	674	746	891	1108	1326	1471	1616
yy = N° elem.	16																
Height mm	**720**	W	429	453	534	550	574	615	696	712	752	833	995	1238	1480	1642	1804
yy = N° elem.	18																
Height mm	**800**	W	473	500	589	607	633	678	767	785	830	919	1097	1365	1632	1811	1989
yy = N° elem.	20																
Height mm	**880**	W	516	545	643	662	691	740	837	857	906	1003	1198	1490	1782	1977	2171
yy = N° elem.	22																
Height mm	**960**	W	559	590	696	717	748	801	907	928	980	1086	1297	1613	1929	2140	2351
yy = N° elem.	24																
Height mm	**1040**	W	601	635	748	771	805	861	974	997	1054	1167	1394	1734	2074	2300	2527
yy = N° elem.	26																
Height mm	**1120**	W	642	678	799	823	860	920	1041	1066	1126	1247	1489	1853	2216	2458	2700
yy = N° elem.	28																
Height mm	**1200**	W	682	721	849	875	914	978	1107	1133	1197	1326	1583	1969	2355	2613	2870
yy = N° elem.	30																
Height mm	**1280**	W	722	763	899	926	967	1035	1171	1199	1267	1403	1675	2084	2492	2765	3037
yy = N° elem.	32																
Height mm	**1360**	W	761	804	947	976	1019	1091	1235	1263	1335	1479	1766	2196	2627	2914	3201
yy = N° elem.	34																
Height mm	**1440**	W	799	844	995	1025	1070	1146	1297	1327	1402	1553	1854	2307	2759	3061	
yy = N° elem.	36																
Height mm	**1520**	W	837	884	1042	1073	1121	1200	1358	1389	1468	1626	1942	2415	2889	3205	
yy = N° elem.	38																
Height mm	**1600**	W	873	923	1088	1121	1170	1253	1417	1450	1533	1698	2027	2522	3016	3346	
yy = N° elem.	40																
Height mm	**1680**	W	911	962	1134	1168	1220	1306	1478	1512	1598	1770	2113	2629			
yy = N° elem.	42																
Height mm	**1760**	W	948	1001	1180	1216	1269	1359	1538	1573	1663	1842	2199	2735			
yy = N° elem.	44																
Height mm	**1840**	W	985	1040	1226	1263	1319	1412	1598	1635	1728	1913	2285	2842			
yy = N° elem.	46																
Height mm	**1920**	W	1022	1079	1272	1311	1369	1465	1658	1696	1793	1985	2371	2949			
yy = N° elem.	48																
Height mm	**2000**	W	1059	1119	1318	1358	1418	1518	1718	1758	1858	2057	2457	3056			
yy = N° elem.	50																

Decorative & Technical Accessories



Kit Valves and Lockshield valve
See IRSAP Price List Pag. 562



Pipe cover kit
See IRSAP Price List Pag. 566

The conditions of sale are the same applied in the 2023 IRSAP Price List.