

# ELLIPSIS 30\_V 2

Vertical



## **ELLIPSIS 30\_V 2 VERTICAL**

10 elements, height 2030 mm, lenght 400 mm. Matt Brown Rust finish (cod. 9U). 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:



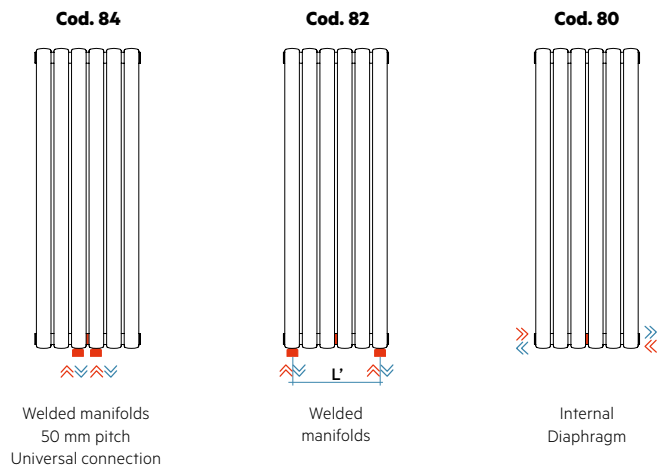
### Number of elements:

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\_V 2 Vertical 1830 high and 9 elements wide = the price of a ELLIPSIS 30\_V 2 Vertical 1830 high and 10 elements wide.

| Model | Code                   | Depth<br>mm | Height<br>H mm | Conn. centre<br>H' mm | Weight<br>Kg | Capacity<br>lt | Thermal Power                                  |                                       |   |                                       | Exponent<br>n. |       |
|-------|------------------------|-------------|----------------|-----------------------|--------------|----------------|--|---------------------------------------|---|---------------------------------------|----------------|-------|
|       |                        |             |                |                       |              |                | $\Delta t=50^{\circ}\text{C}$<br>Btu/h<br>Watt | $\Delta t=40^{\circ}\text{C}$<br>Watt | $\Delta t=30^{\circ}\text{C}$<br>Watt (*) | $\Delta t=20^{\circ}\text{C}$<br>Watt |                |       |
| 530   | HE2 0530 YY 01 IR 01 A | 58          | 530            | 470                   | 0,81         | 0,33           | 133,4  | 39,1                                  | 29,2                                      | 20,1                                  | 11,9           | 1,302 |
| 560   | HE2 0560 YY 01 IR 01 A | 58          | 560            | 500                   | 0,85         | 0,35           | 139,6  | 40,9                                  | 30,6                                      | 21,0                                  | 12,4           | 1,303 |
| 660   | HE2 0660 YY 01 IR 01 A | 58          | 660            | 600                   | 0,97         | 0,40           | 160,0  | 46,9                                  | 35,1                                      | 24,1                                  | 14,3           | 1,300 |
| 680   | HE2 0680 YY 01 IR 01 A | 58          | 680            | 620                   | 0,99         | 0,41           | 164,1  | 48,1                                  | 36,0                                      | 24,8                                  | 14,6           | 1,299 |
| 710   | HE2 0710 YY 01 IR 01 A | 58          | 710            | 650                   | 1,03         | 0,43           | 170,3  | 49,9                                  | 37,4                                      | 25,7                                  | 15,2           | 1,296 |
| 760   | HE2 0760 YY 01 IR 01 A | 58          | 760            | 700                   | 1,09         | 0,45           | 180,6  | 52,9                                  | 39,7                                      | 27,4                                  | 16,2           | 1,291 |
| 860   | HE2 0860 YY 01 IR 01 A | 58          | 860            | 800                   | 1,22         | 0,51           | 201,2  | 59,0                                  | 44,3                                      | 30,6                                  | 18,2           | 1,284 |
| 880   | HE2 0880 YY 01 IR 01 A | 58          | 880            | 820                   | 1,24         | 0,52           | 205,3  | 60,2                                  | 45,3                                      | 31,4                                  | 18,7           | 1,276 |
| 930   | HE2 0930 YY 01 IR 01 A | 58          | 930            | 870                   | 1,30         | 0,55           | 215,6  | 63,2                                  | 47,6                                      | 33,0                                  | 19,7           | 1,273 |
| 1030  | HE2 1030 YY 01 IR 01 A | 58          | 1030           | 970                   | 1,43         | 0,60           | 234,1  | 68,6                                  | 51,7                                      | 35,9                                  | 21,5           | 1,268 |
| 1230  | HE2 1230 YY 01 IR 01 A | 58          | 1230           | 1170                  | 1,67         | 0,71           | 271,6  | 79,6                                  | 60,1                                      | 41,8                                  | 25,1           | 1,261 |
| 1530  | HE2 1530 YY 01 IR 01 A | 58          | 1530           | 1470                  | 2,04         | 0,88           | 327,6  | 96,0                                  | 72,6                                      | 50,6                                  | 30,5           | 1,253 |
| 1830  | HE2 1830 YY 01 IR 01 A | 58          | 1830           | 1770                  | 2,41         | 1,04           | 388,3  | 113,8                                 | 86,3                                      | 60,4                                  | 36,5           | 1,241 |
| 2030  | HE2 2030 YY 01 IR 01 A | 58          | 2030           | 1970                  | 2,66         | 1,15           | 428,2  | 125,5                                 | 95,1                                      | 66,4                                  | 40,1           | 1,246 |
| 2230  | HE2 2230 YY 01 IR 01 A | 58          | 2230           | 2170                  | 2,90         | 1,26           | 466,8  | 136,8                                 | 103,5                                     | 72,3                                  | 43,5           | 1,250 |

(\*) Thanks to the high performance of Irsap ELLIPSIS 30\_V 2 Vertical radiators, the ideal  $\Delta t$  for low temperature projects is  $\Delta t$  at 30°C.  
For  $\Delta t$  different from 50°C use the formula:  $Q=Q_n (\Delta t / 50)^n$

### Special Options



### Manifolds:

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

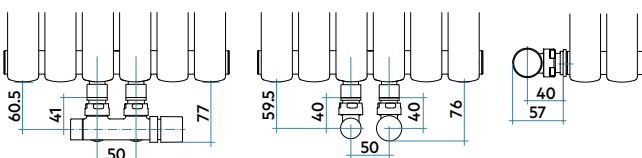
**Bottom Connections (Cod. M82, M84):** For bottom water connections insert an internal flow diverter to the bottom manifold

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

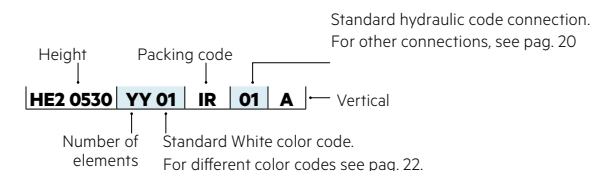
**Configured for connection with single-pipe valve:** connection available only for modul and/or double-pipe systems, no monotube valve with loop - (specify water inlet)

**For other connections see page 20**

### Connection dimensions with IRSAP valves

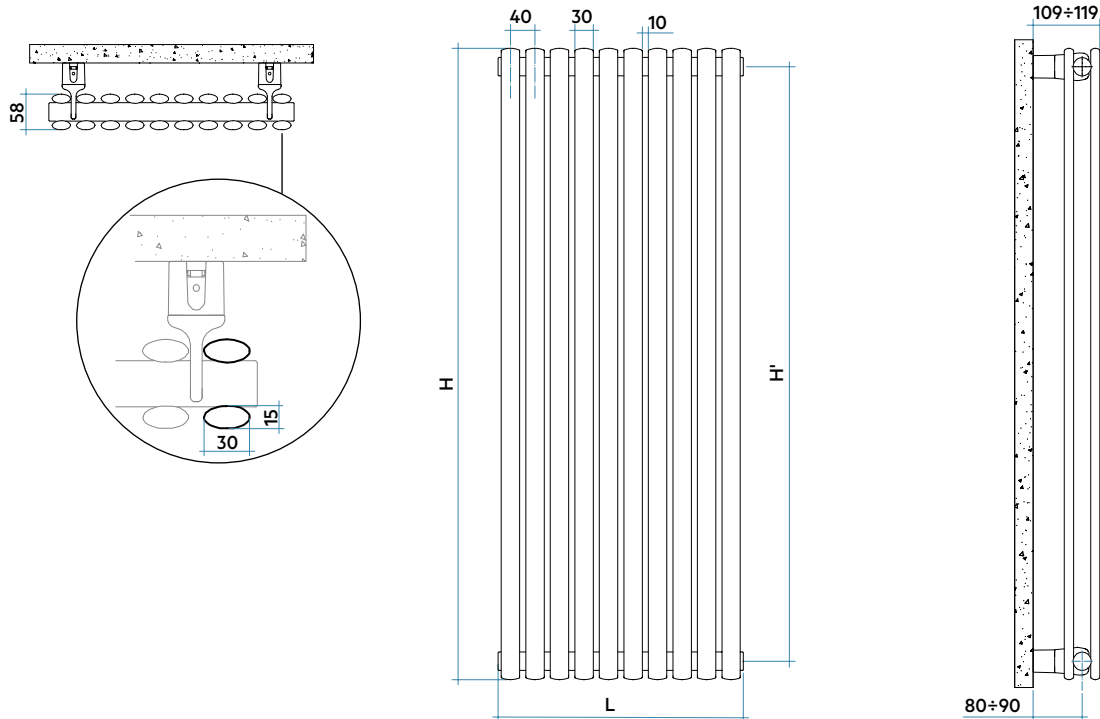


### Key Codes



# ELLIPSIS 30\_V 2

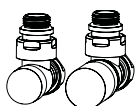
Vertical



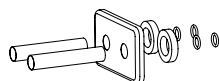
## COMPLETE BATTERY DATA

| L = Lenght           |             | HEIGHT (H) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----------------------|-------------|------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|                      |             | 530        | 560  | 660  | 680  | 710  | 760  | 860  | 880  | 930  | 1030 | 1230 | 1530 | 1830 | 2030 | 2230 |      |
| <b>Lenght mm</b>     | <b>160</b>  | W          | 156  | 164  | 188  | 192  | 200  | 212  | 236  | 241  | 253  | 274  | 318  | 384  | 455  | 502  | 547  |
| <i>yy = N° elem.</i> | 4           |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>240</b>  | W          | 235  | 245  | 281  | 289  | 299  | 318  | 354  | 361  | 379  | 412  | 478  | 576  | 683  | 753  | 821  |
| <i>yy = N° elem.</i> | 6           |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>320</b>  | W          | 313  | 327  | 375  | 385  | 399  | 423  | 472  | 481  | 506  | 549  | 637  | 768  | 910  | 1004 | 1094 |
| <i>yy = N° elem.</i> | 8           |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>400</b>  | W          | 391  | 409  | 469  | 481  | 499  | 529  | 590  | 602  | 632  | 686  | 796  | 960  | 1138 | 1255 | 1368 |
| <i>yy = N° elem.</i> | 10          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>480</b>  | W          | 469  | 491  | 563  | 577  | 599  | 635  | 708  | 722  | 758  | 823  | 955  | 1152 | 1366 | 1506 | 1642 |
| <i>yy = N° elem.</i> | 12          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>560</b>  | W          | 547  | 573  | 657  | 673  | 699  | 741  | 826  | 843  | 885  | 960  | 1114 | 1344 | 1593 | 1757 | 1915 |
| <i>yy = N° elem.</i> | 14          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>640</b>  | W          | 626  | 654  | 750  | 770  | 798  | 847  | 944  | 963  | 1011 | 1098 | 1274 | 1536 | 1821 | 2008 | 2189 |
| <i>yy = N° elem.</i> | 16          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>720</b>  | W          | 704  | 736  | 844  | 866  | 898  | 953  | 1061 | 1083 | 1138 | 1235 | 1433 | 1728 | 2048 | 2259 | 2462 |
| <i>yy = N° elem.</i> | 18          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>800</b>  | W          | 782  | 818  | 938  | 962  | 998  | 1058 | 1179 | 1204 | 1264 | 1372 | 1592 | 1920 | 2276 | 2510 | 2736 |
| <i>yy = N° elem.</i> | 20          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>880</b>  | W          | 860  | 900  | 1032 | 1058 | 1098 | 1164 | 1297 | 1324 | 1390 | 1509 | 1751 | 2112 | 2504 | 2761 | 3010 |
| <i>yy = N° elem.</i> | 22          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>960</b>  | W          | 938  | 982  | 1126 | 1154 | 1198 | 1270 | 1415 | 1444 | 1517 | 1646 | 1910 | 2304 | 2731 | 3012 |      |
| <i>yy = N° elem.</i> | 24          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1040</b> | W          | 1017 | 1063 | 1219 | 1251 | 1297 | 1376 | 1533 | 1565 | 1643 | 1784 | 2070 | 2496 | 2959 |      |      |
| <i>yy = N° elem.</i> | 26          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1120</b> | W          | 1095 | 1145 | 1313 | 1347 | 1397 | 1482 | 1651 | 1685 | 1770 | 1921 | 2229 | 2688 | 3186 |      |      |
| <i>yy = N° elem.</i> | 28          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1200</b> | W          | 1173 | 1227 | 1407 | 1443 | 1497 | 1588 | 1769 | 1805 | 1896 | 2058 | 2388 | 2880 |      |      |      |
| <i>yy = N° elem.</i> | 30          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1280</b> | W          | 1251 | 1309 | 1501 | 1539 | 1597 | 1693 | 1887 | 1926 | 2022 | 2195 | 2547 | 3072 |      |      |      |
| <i>yy = N° elem.</i> | 32          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1360</b> | W          | 1329 | 1391 | 1595 | 1635 | 1697 | 1799 | 2005 | 2046 | 2149 | 2332 | 2706 |      |      |      |      |
| <i>yy = N° elem.</i> | 34          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1440</b> | W          | 1408 | 1472 | 1688 | 1732 | 1796 | 1905 | 2123 | 2166 | 2275 | 2470 | 2866 |      |      |      |      |
| <i>yy = N° elem.</i> | 36          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1520</b> | W          | 1486 | 1554 | 1782 | 1828 | 1896 | 2011 | 2241 | 2287 | 2402 | 2607 | 3025 |      |      |      |      |
| <i>yy = N° elem.</i> | 38          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1600</b> | W          | 1564 | 1636 | 1876 | 1924 | 1996 | 2117 | 2359 | 2407 | 2528 | 2744 | 3184 |      |      |      |      |
| <i>yy = N° elem.</i> | 40          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1680</b> | W          | 1642 | 1718 | 1970 | 2020 | 2096 | 2223 | 2477 | 2528 | 2654 | 2881 |      |      |      |      |      |
| <i>yy = N° elem.</i> | 42          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1760</b> | W          | 1720 | 1800 | 2064 | 2116 | 2196 | 2328 | 2595 | 2648 | 2781 | 3018 |      |      |      |      |      |
| <i>yy = N° elem.</i> | 44          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1840</b> | W          | 1799 | 1881 | 2157 | 2213 | 2295 | 2434 | 2713 | 2768 | 2907 |      |      |      |      |      |      |
| <i>yy = N° elem.</i> | 46          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>1920</b> | W          | 1877 | 1963 | 2251 | 2309 | 2395 | 2540 | 2831 | 2889 | 3034 |      |      |      |      |      |      |
| <i>yy = N° elem.</i> | 48          |            |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| <b>Lenght mm</b>     | <b>2000</b> | W          | 1955 | 2045 | 2345 | 2405 | 2495 | 2646 | 2949 | 3009 | 3160 |      |      |      |      |      |      |
| <i>yy = N° elem.</i> | 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.

