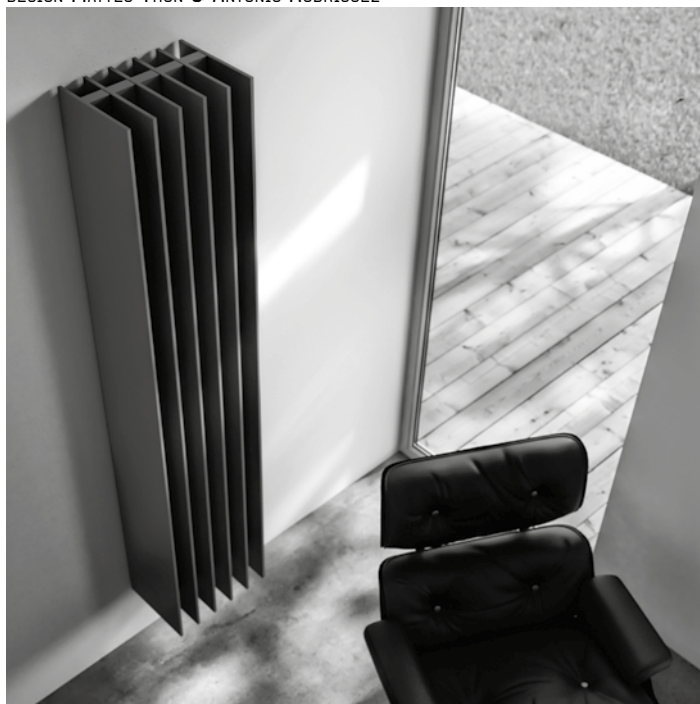
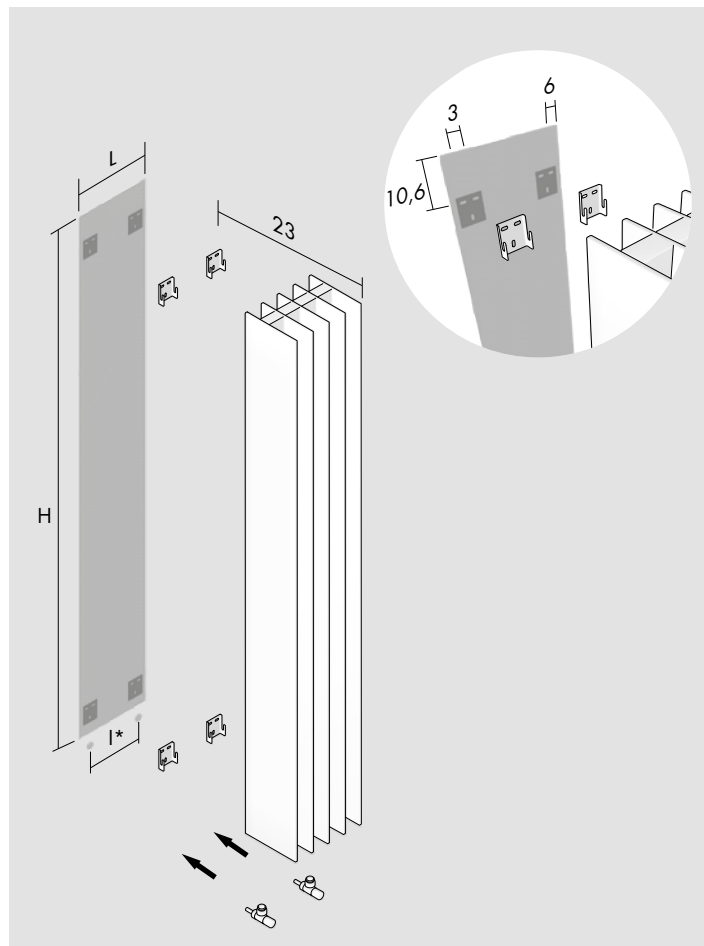




$Kcal = Watt \times 0.860$   
 $BTU = Watt \times 3.413$

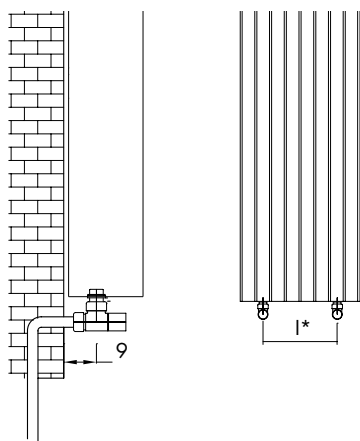
$Watt \Delta t 60^\circ = Watt \Delta t 50^\circ \times 1.259$   
 $Watt \Delta t 40^\circ = Watt \Delta t 50^\circ \times 0.754$   
 $Watt \Delta t 30^\circ = Watt \Delta t 50^\circ \times 0.524$   
 $Watt \Delta t 20^\circ = Watt \Delta t 50^\circ \times 0.314$

p max = 5.0 bar

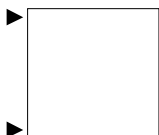


## [F]

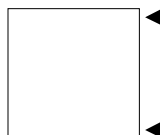
Standard connection / Raccord standard  
Standard Anschluss / Conexión estándar



## [FS]

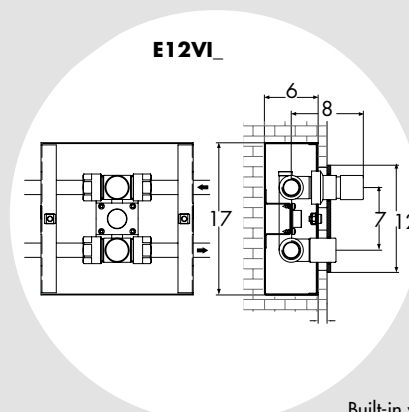
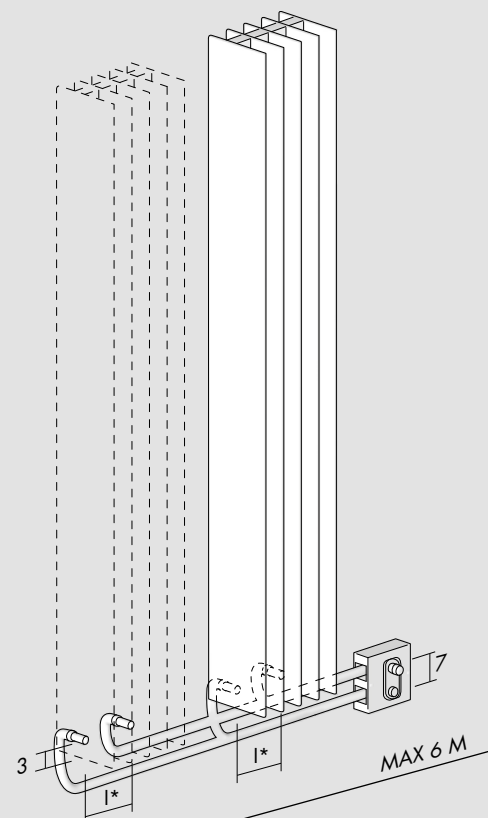


## [FD]



## [H]

Special connection / Raccord spéciale / Speziell Anschluss / Conexión especial



Built-in valves  
 Vanne encastrer  
 Einbauventile  
 Válvulas de empotrar

| No. el. | $\frac{H}{L}$ | $I^*$ | 59   | 66   | 68   | 88   | 150  | 180  | 200  |
|---------|---------------|-------|------|------|------|------|------|------|------|
| 5       | 29.0          | 21.0  | 354  | 392  | 403  | 509  | 846  | 1004 | 1112 |
| 6       | 36.0          | 28.0  | 452  | 500  | 513  | 649  | 1073 | 1273 | 1410 |
| 7       | 43.0          | 35.0  | 551  | 610  | 627  | 792  | 1304 | 1548 | 1714 |
| 8       | 50.0          | 42.0  | 653  | 722  | 742  | 938  | 1540 | 1827 | 2023 |
| 9       | 57.0          | 49.0  | 756  | 837  | 860  | 1086 | 1778 | 2110 | 2336 |
| 10      | 64.0          | 56.0  | 861  | 953  | 979  | 1237 | 2019 | 2396 |      |
| 11      | 71.0          | 63.0  | 967  | 1071 | 1100 | 1390 |      |      |      |
| 12      | 78.0          | 70.0  | 1075 | 1190 | 1222 | 1544 |      |      |      |
| 13      | 85.0          | 77.0  | 1184 | 1310 | 1346 | 1700 |      |      |      |
| 14      | 92.0          | 87.0  | 1294 | 1432 | 1471 | 1858 |      |      |      |
| 15      | 99.0          | 91.0  | 1404 |      |      |      |      |      |      |
| 16      | 106.0         | 98.0  | 1516 |      |      |      |      |      |      |

|              |     |                                                                                   |                     |                     |                     |                     |             |             |             |
|--------------|-----|-----------------------------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|-------------|-------------|-------------|
| [FD]<br>[FS] | I*  |  | <b>53 cm</b><br>PI* | <b>60 cm</b><br>AL* | <b>62 cm</b><br>GH* | <b>82 cm</b><br>GH* |             |             |             |
|              | Lt* |  | <b>0.28</b>         | <b>0.30</b>         | <b>0.31</b>         | <b>0.36</b>         | <b>0.54</b> | <b>0.62</b> | <b>0.68</b> |

Standard connection on demand for replacement radiators with distance between pipes centres plate (PI\*), aluminium (AL\*) and cast iron (GH\*). Indicate whether the connection is to the right or left.

Raccordement standard sur demande pour le remplacement des radiateurs avec entraxe panneaux (PI\*), aluminium (AL\*) et en fonte (GH\*). Indiquez si le raccordement est à droite ou à gauche.

Standard Anschlüsse für Heizkörperwechsel, der Achsabstand von Platte (PI\*), oder Aluminium (AL\*), oder Gusseisen hat (GH\*). Spezifizieren Sie wenn Achsabstand links oder rechts ist.

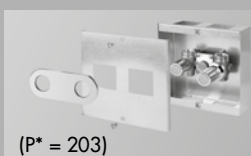
Conexiones sobre pedido para la sustitución de radiadores con entre ejes plancha (PI\*), aluminio (AL\*) y hierro fundido (GH\*). Indicar si la conexión está a la derecha o izquierda.

## Optional



(P\* = 202)  
Angled Valve  
Vanne équerre  
Eckausführung Ventil  
Válvula a escuadra

[BIAN] **E12SQB**  
[CROM] **E12SQR**



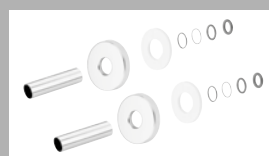
(P\* = 203)  
Built-in valves  
Einbauventile  
Vanne encastrer  
Válvulas de empotrar

[BIAN] **E12VIB**  
[CROM] **E12VIR**



Thermostatic head  
Tête thermostatique  
Thermostatkopf  
Cabezal termostático

[BIAN] **VTTB**  
[CROM] **VTTR**



$\varnothing \leq 16$  mm  
[BIAN] **CTB**  
[CROM] **CTR**

$16 \text{ mm} < \varnothing < 24$  mm  
[BIAN] **CWB**  
[CROM] **CWR**

**art\*** = item / modèle / Artikel / artículo    **I\*** = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones  
**Lt\*** = water content for each element / volume d'eau pour chaque element / Wassergehalt für Element / contenido de agua por cada elemento  
**P\*** = page / page / Seite / página

# TT<sub>o</sub>

DESIGN MATTEO THUN & ANTONIO RODRIGUEZ



Kcal = Watt x 0.860

BTU = Watt x 3.413

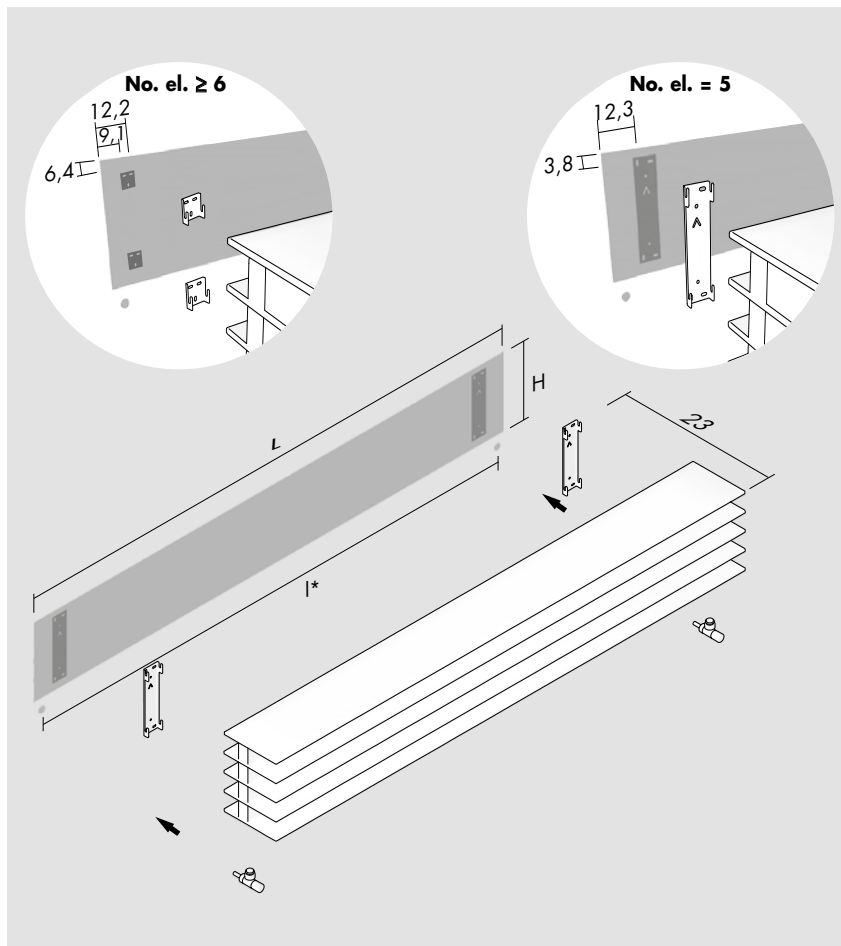
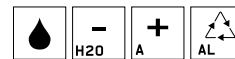
Watt  $\Delta t$  60° = Watt  $\Delta t$  50° x 1.245

Watt  $\Delta t$  40° = Watt  $\Delta t$  50° x 0.765

Watt  $\Delta t$  30° = Watt  $\Delta t$  50° x 0.541

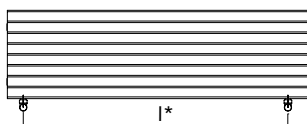
Watt  $\Delta t$  20° = Watt  $\Delta t$  50° x 0.332

p max = 5.0 bar



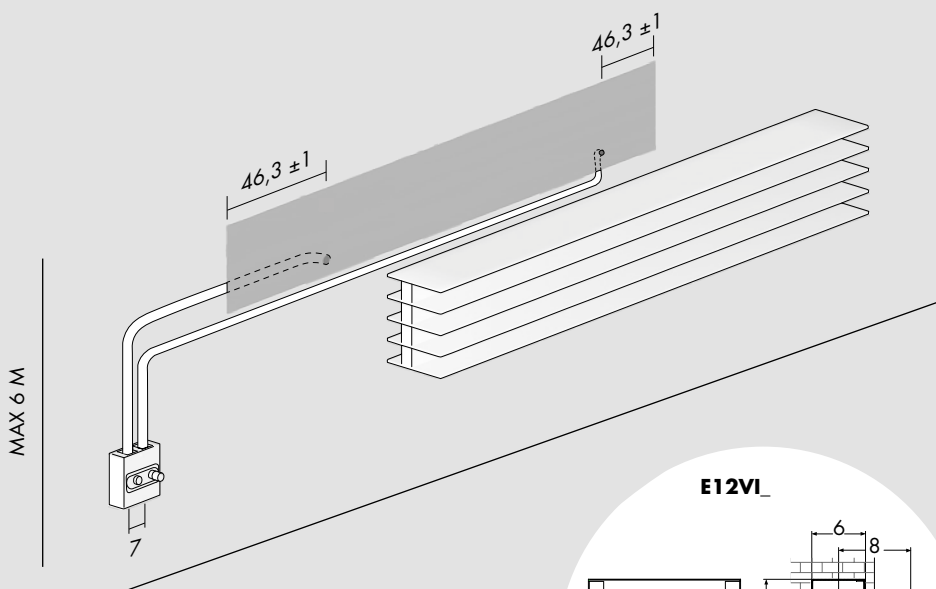
[F]

Standard connection / Raccord standard  
Standard Anschluss / Conexión estándar



[H]

Special connection / Raccord spéciale / Speziell Anschluss / Conexión especial



Built-in valves  
Vanne encastrer  
Einbauventile  
Válvulas de empotrar

I\* = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones

| No. el. | $\frac{L}{H}$ | 59  | 66  | 68  | 88   | 150  | 180  | 200  |
|---------|---------------|-----|-----|-----|------|------|------|------|
| 5       | 29.0          | 307 | 341 | 352 | 446  | 728  | 874  | 978  |
| 6       | 36.0          | 364 | 404 | 417 | 529  | 863  | 1037 | 1160 |
| 7       | 43.0          | 419 | 465 | 480 | 609  | 993  | 1194 | 1335 |
| 8       | 50.0          | 473 | 525 | 542 | 688  | 1121 | 1347 | 1507 |
| 9       | 57.0          | 526 | 584 | 603 | 765  | 1247 | 1498 | 1676 |
| 10      | 64.0          | 579 | 642 | 663 | 841  | 1371 | 1647 |      |
| 11      | 71.0          | 630 | 699 | 722 | 916  |      |      |      |
| 12      | 78.0          | 682 | 756 | 781 | 991  |      |      |      |
| 13      | 85.0          | 733 | 813 | 840 | 1066 |      |      |      |
| 14      | 92.0          | 785 | 870 | 899 | 1140 |      |      |      |
| 15      | 99.0          | 836 |     |     |      |      |      |      |
| 16      | 106.0         | 887 |     |     |      |      |      |      |

|                                                                                           |              |              |               |              |               |               |               |
|-------------------------------------------------------------------------------------------|--------------|--------------|---------------|--------------|---------------|---------------|---------------|
| $I^*$    | <b>53 cm</b> | <b>60 cm</b> | <b>62 cm</b>  | <b>82 cm</b> | <b>144 cm</b> | <b>174 cm</b> | <b>194 cm</b> |
| [H] special connection / raccord spéciale / speziell Anschluss / conexión especial        | <b>58 cm</b> | <b>88 cm</b> | <b>108 cm</b> |              |               |               |               |
| $Lt^*$  | <b>0.28</b>  | <b>0.29</b>  | <b>0.30</b>   | <b>0.36</b>  | <b>0.54</b>   | <b>0.62</b>   | <b>0.68</b>   |

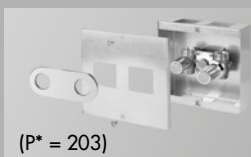
## Optional



(P\* = 202)

Angled Valve  
 Vanne équerre  
 Eckausführung Ventil  
 Válvula a escuadra

[BIAN] **E12SQB**  
 [CROM] **E12SQR**



(P\* = 203)

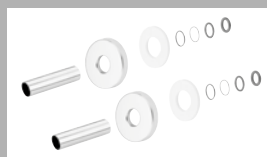
Built-in valves  
 Vanne encastrer  
 Einbauventile  
 Válvulas de empotrar

[BIAN] **E12VIB**  
 [CROM] **E12VIR**



Thermostatic head  
 Tête thermostatique  
 Thermostatkopf  
 Cabezal termostático

[BIAN] **VTTB**  
 [CROM] **VTTR**


 $\varnothing \leq 16 \text{ mm}$ 

[BIAN] **CTB**  
 [CROM] **CTR**

 $16 \text{ mm} < \varnothing < 24 \text{ mm}$ 

[BIAN] **CWB**  
 [CROM] **CWR**

**art\*** = item / modèle / Artikel / artículo    **I\*** = pipe centres / distance entre depart et retour / Achsabstand / distancia entre las conexiones

**Lt\*** = water content for each element / volume d'eau pour chaque element / Wassergehalt für Element / contenido de agua por cada elemento

**P\*** = page / page / Seite / página