

## MINI SUR-PIEDS





# MINI SUR PIEDS

|                                          |           |                                   |           |
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## CLIMATE DESIGNERS

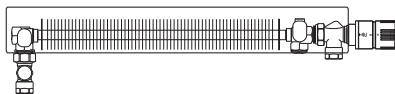
## MINI SUR PIEDS HAUTEUR 008

## RACCORDEMENT HYDRONIQUE

### STANDARD: RACCORDEMENT EN OPPOSÉ, ARRIVÉE À DROITE OU À GAUCHE

A gauche ou à droite en dessous, vers le mur ou le sol. Raccordement mural via la partie inférieure de l'habillage. Le raccordement au mur à l'intérieur de l'habillage n'est pas possible en raison de la paroi arrière fermée. L'installateur peut faire pivoter l'échangeur de chaleur pour une connexion à droite ou à gauche.

Raccordement vers le sol: kit 222 ou 282



## MINI SUR PIEDS HAUTEUR 013 - 023 - 028

## RACCORDEMENT HYDRONIQUE

### STANDARD: CONNEXION À GAUCHE OU À DROITE AVEC COMMANDE EN BAS

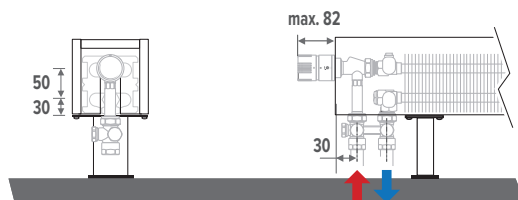
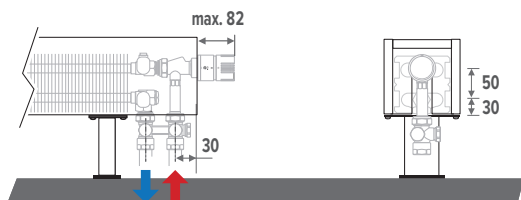
A gauche ou à droite en dessous, vers le mur ou le sol. Raccordement mural via la partie inférieure de l'habillage. Le raccordement au mur à l'intérieur de l'habillage n'est pas possible en raison de la paroi arrière fermée.

Jeux de raccords Eurocône possibles.: 102, 104, 182, 184, 222, 282

Jeux de raccords M24 possibles: 12, 14

#### Exemple de raccord à droite (standard)

#### Exemple de raccord à gauche

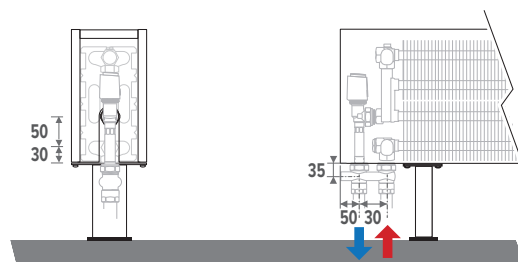
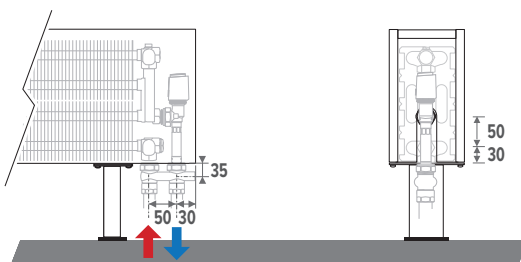


### CONNEXION À GAUCHE OU À DROITE AVEC COMMANDE À DISTANCE

Jeux de raccords Eurocône possibles.: 112, 114, 116, 118

#### Exemple de raccord à droite (standard)

#### Exemple de raccord à gauche



## MINI SUR PIEDS HAUTEUR 008

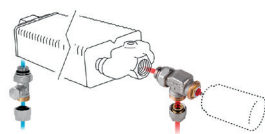
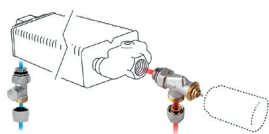
## LES RACCORDEMENTS LES PLUS UTILISÉS

### VERS LE SOL

Avec vanne Jaga

Avec vanne Gampper Vario DP  
Dynamique

Pour tous les autres possibilités de  
raccordements: "Kits de raccordement & vannes"



| kit 222 KVS: 0.8 |    |
|------------------|----|
| BITUBE           |    |
| COLO JF2 AW 4... | AW |
| COLO JF2 AC 4... | AC |
| COLO JF2 AB 4... | AB |
| COLO JF2 JH 4... | JH |

indiquer code raccords de serrage

| kit 282          |    | régulation de débit indépendante de la pression (20 - 340 l/h) |  |
|------------------|----|----------------------------------------------------------------|--|
| BITUBE           |    |                                                                |  |
| COLO GF2 AW 4... | AW |                                                                |  |
| COLO GF2 AC 4... | AC |                                                                |  |
| COLO GF2 AB 4... | AB |                                                                |  |
| COLO GF2 JH 4... | JH |                                                                |  |

indiquer code raccords de serrage

## MINI SUR PIEDS HAUTEUR 013- 023 - 028

### VERS LE SOL - DÉPART À L'INTÉRIEUR

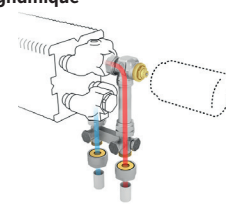
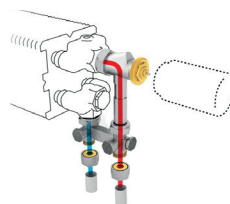
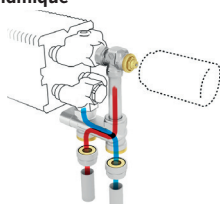
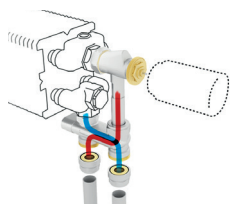
Avec vanne Jaga Crossflow

Avec vanne Gampper Vario DP  
Dynamique

### VERS LE SOL - DÉPART À L'EXTÉRIEUR

Avec vanne H Jaga

Avec vanne Gampper Vario DP  
Dynamique



| kit 102 KVS: 0.8  |    |
|-------------------|----|
| BITUBE            |    |
| COLO HBCF AW 4... | AW |
| COLO HBCF AC 4... | AC |
| COLO HBCF AB 4... | AB |
| COLO HBCF JH 4... | JH |

indiquer code raccords de serrage

| kit 182           |    | régulation de débit indépendante de la pression (20 - 340 l/h) |  |
|-------------------|----|----------------------------------------------------------------|--|
| BITUBE            |    |                                                                |  |
| COLO GACF AW 4... | AW |                                                                |  |
| COLO GACF AC 4... | AC |                                                                |  |
| COLO GACF AB 4... | AB |                                                                |  |
| COLO GACF JH 4... | JH |                                                                |  |

indiquer code raccords de serrage

| kit 104 KVS: 0.8  |    |
|-------------------|----|
| BITUBE / MONOTUBE |    |
| COLO HBSF AW 4... | AW |
| COLO HBSF AC 4... | AC |
| COLO HBSF AB 4... | AB |
| COLO HBSF JH 4... | JH |

indiquer code raccords de serrage

| kit 184           |    | régulation de débit indépendante de la pression (20 - 340 l/h) |  |
|-------------------|----|----------------------------------------------------------------|--|
| BITUBE            |    |                                                                |  |
| COLO GASF AW 4... | AW |                                                                |  |
| COLO GASF AC 4... | AC |                                                                |  |
| COLO GASF AB 4... | AB |                                                                |  |
| COLO GASF JH 4... | JH |                                                                |  |

indiquer code raccords de serrage

### Raccords bicônes 3/4» Eurocone

| TUBE MÉTALLIQUE DE PRÉCISION |         | SYNTHÉTIQUE OU MULTICOUCHES PER/ALU |         |
|------------------------------|---------|-------------------------------------|---------|
| CODE                         | Tuyau Ø | CODE                                | Tuyau Ø |
| 112                          | 12/1    | 612                                 | 12/2    |
| 114                          | 14/1    | 614                                 | 14/2    |
| 115                          | 15/1    | 616                                 | 16/2    |
| 116                          | 16/1    | 618                                 | 18/2    |
| 118                          | 18/1    | 619                                 | 16/1.5  |
|                              |         | 620                                 | 20/2    |

# MINI SUR PIEDS PIEDS FIXES

## HAUTEUR 008

| HAUTEUR<br>H<br>cm | LONGUEUR<br>L<br>cm | TYPE<br>T | CHAUFFER<br>Temp. ambiante 20°C |       |       |       |       | CODE DE<br>COMMANDE    |
|--------------------|---------------------|-----------|---------------------------------|-------|-------|-------|-------|------------------------|
|                    |                     |           | 35/30                           | 45/40 | 50/45 | 55/45 | 75/65 |                        |
|                    |                     |           | Watts                           | Watts | Watts | Watts | Watts |                        |
| MINF 008 060       | 060                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 060 09 XXX XX |
|                    |                     | 09        | 35                              | 82    | 109   | 123   | 255   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 070                | 070                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 070 09 XXX XX |
|                    |                     | 09        | 41                              | 96    | 128   | 143   | 298   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 080                | 080                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 080 09 XXX XX |
|                    |                     | 09        | 47                              | 109   | 146   | 163   | 340   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 090                | 090                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 090 09 XXX XX |
|                    |                     | 09        | 53                              | 123   | 164   | 184   | 383   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 100                | 100                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 100 09 XXX XX |
|                    |                     | 09        | 59                              | 137   | 182   | 204   | 425   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 110                | 110                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 110 09 XXX XX |
|                    |                     | 09        | 65                              | 151   | 201   | 225   | 468   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 120                | 120                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 120 09 XXX XX |
|                    |                     | 09        | 70                              | 164   | 219   | 245   | 510   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 140                | 140                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 140 09 XXX XX |
|                    |                     | 09        | 82                              | 192   | 255   | 286   | 595   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 160                | 160                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 160 09 XXX XX |
|                    |                     | 09        | 94                              | 219   | 292   | 327   | 680   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 180                | 180                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 180 09 XXX XX |
|                    |                     | 09        | 106                             | 246   | 328   | 368   | 765   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 200                | 200                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 200 09 XXX XX |
|                    |                     | 09        | 117                             | 274   | 364   | 408   | 850   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 220                | 220                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 220 09 XXX XX |
|                    |                     | 09        | 129                             | 301   | 401   | 449   | 935   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 240                | 240                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 240 09 XXX XX |
|                    |                     | 09        | 141                             | 328   | 437   | 490   | 1020  |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 260                | 260                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 260 09 XXX XX |
|                    |                     | 09        | 153                             | 356   | 474   | 531   | 1105  |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 280                | 280                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 280 09 XXX XX |
|                    |                     | 09        | 164                             | 383   | 510   | 572   | 1190  |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
| 300                | 300                 | ---       | ---                             | ---   | ---   | ---   | ---   | MINF 008 300 09 XXX XX |
|                    |                     | 09        | 176                             | 410   | 547   | 613   | 1275  |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |
|                    |                     | ---       | ---                             | ---   | ---   | ---   | ---   |                        |

Saisissez le code pieds  
remplir code de couleur

# TABLEAU TECHNIQUE

## HAUTEUR 013

| HAUTEUR<br>H<br>cm | LONGUEUR<br>L<br>cm | TYPE<br>T | CHAUFFER<br>Temp. ambiante 20°C |       |       |       |       | CODE DE<br>COMMANDE    |
|--------------------|---------------------|-----------|---------------------------------|-------|-------|-------|-------|------------------------|
|                    |                     |           | 35/30                           | 45/40 | 50/45 | 55/45 | 75/65 |                        |
|                    |                     |           | Watts                           | Watts | Watts | Watts | Watts |                        |
| MINF 013 060 05    | 060                 | 05        | 27                              | 64    | 85    | 95    | 197   | MINF 013 060 05 XXX XX |
|                    |                     | 10        | 42                              | 97    | 130   | 146   | 303   | MINF 013 060 10 XXX XX |
|                    |                     | 15        | 70                              | 164   | 218   | 244   | 508   | MINF 013 060 15 XXX XX |
|                    |                     | 20        | 99                              | 231   | 308   | 345   | 717   | MINF 013 060 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 070                | 070                 | 05        | 32                              | 74    | 99    | 111   | 230   | MINF 013 070 05 XXX XX |
|                    |                     | 10        | 49                              | 114   | 152   | 170   | 354   | MINF 013 070 10 XXX XX |
|                    |                     | 15        | 82                              | 191   | 255   | 285   | 593   | MINF 013 070 15 XXX XX |
|                    |                     | 20        | 116                             | 270   | 359   | 403   | 837   | MINF 013 070 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 080                | 080                 | 05        | 37                              | 85    | 113   | 127   | 263   | MINF 013 080 05 XXX XX |
|                    |                     | 10        | 56                              | 130   | 173   | 194   | 404   | MINF 013 080 10 XXX XX |
|                    |                     | 15        | 94                              | 219   | 291   | 326   | 678   | MINF 013 080 15 XXX XX |
|                    |                     | 20        | 132                             | 308   | 410   | 460   | 956   | MINF 013 080 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 090                | 090                 | 05        | 41                              | 96    | 127   | 143   | 296   | MINF 013 090 05 XXX XX |
|                    |                     | 10        | 63                              | 146   | 195   | 219   | 455   | MINF 013 090 10 XXX XX |
|                    |                     | 15        | 105                             | 246   | 327   | 367   | 762   | MINF 013 090 15 XXX XX |
|                    |                     | 20        | 149                             | 347   | 462   | 518   | 1076  | MINF 013 090 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 100                | 100                 | 05        | 46                              | 106   | 141   | 158   | 329   | MINF 013 100 05 XXX XX |
|                    |                     | 10        | 70                              | 162   | 216   | 243   | 505   | MINF 013 100 10 XXX XX |
|                    |                     | 15        | 117                             | 273   | 364   | 407   | 847   | MINF 013 100 15 XXX XX |
|                    |                     | 20        | 165                             | 385   | 513   | 575   | 1195  | MINF 013 100 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 110                | 110                 | 05        | 50                              | 117   | 156   | 174   | 362   | MINF 013 110 05 XXX XX |
|                    |                     | 10        | 77                              | 179   | 238   | 267   | 556   | MINF 013 110 10 XXX XX |
|                    |                     | 15        | 129                             | 301   | 400   | 448   | 932   | MINF 013 110 15 XXX XX |
|                    |                     | 20        | 182                             | 424   | 564   | 633   | 1315  | MINF 013 110 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 120                | 120                 | 05        | 55                              | 128   | 170   | 190   | 395   | MINF 013 120 05 XXX XX |
|                    |                     | 10        | 84                              | 195   | 260   | 291   | 606   | MINF 013 120 10 XXX XX |
|                    |                     | 15        | 141                             | 328   | 436   | 489   | 1016  | MINF 013 120 15 XXX XX |
|                    |                     | 20        | 198                             | 462   | 616   | 690   | 1434  | MINF 013 120 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 140                | 140                 | 05        | 64                              | 149   | 198   | 222   | 461   | MINF 013 140 05 XXX XX |
|                    |                     | 10        | 97                              | 227   | 303   | 340   | 707   | MINF 013 140 10 XXX XX |
|                    |                     | 15        | 164                             | 382   | 509   | 570   | 1186  | MINF 013 140 15 XXX XX |
|                    |                     | 20        | 232                             | 539   | 718   | 805   | 1673  | MINF 013 140 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 160                | 160                 | 05        | 73                              | 170   | 226   | 253   | 526   | MINF 013 160 05 XXX XX |
|                    |                     | 10        | 111                             | 260   | 346   | 388   | 808   | MINF 013 160 10 XXX XX |
|                    |                     | 15        | 188                             | 437   | 582   | 652   | 1355  | MINF 013 160 15 XXX XX |
|                    |                     | 20        | 265                             | 617   | 821   | 920   | 1912  | MINF 013 160 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 180                | 180                 | 05        | 82                              | 191   | 255   | 285   | 592   | MINF 013 180 05 XXX XX |
|                    |                     | 10        | 125                             | 292   | 389   | 437   | 909   | MINF 013 180 10 XXX XX |
|                    |                     | 15        | 211                             | 492   | 655   | 734   | 1525  | MINF 013 180 15 XXX XX |
|                    |                     | 20        | 298                             | 694   | 923   | 1035  | 2151  | MINF 013 180 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 200                | 200                 | 05        | 91                              | 213   | 283   | 317   | 658   | MINF 013 200 05 XXX XX |
|                    |                     | 10        | 139                             | 325   | 433   | 485   | 1010  | MINF 013 200 10 XXX XX |
|                    |                     | 15        | 234                             | 546   | 727   | 815   | 1694  | MINF 013 200 15 XXX XX |
|                    |                     | 20        | 331                             | 771   | 1026  | 1150  | 2390  | MINF 013 200 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 220                | 220                 | 05        | 101                             | 234   | 311   | 349   | 724   | MINF 013 220 05 XXX XX |
|                    |                     | 10        | 153                             | 357   | 476   | 534   | 1111  | MINF 013 220 10 XXX XX |
|                    |                     | 15        | 258                             | 601   | 800   | 896   | 1863  | MINF 013 220 15 XXX XX |
|                    |                     | 20        | 364                             | 848   | 1129  | 1265  | 2629  | MINF 013 220 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 240                | 240                 | 05        | 110                             | 255   | 340   | 381   | 790   | MINF 013 240 05 XXX XX |
|                    |                     | 10        | 167                             | 390   | 519   | 582   | 1212  | MINF 013 240 10 XXX XX |
|                    |                     | 15        | 281                             | 656   | 873   | 978   | 2033  | MINF 013 240 15 XXX XX |
|                    |                     | 20        | 397                             | 925   | 1231  | 1380  | 2868  | MINF 013 240 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 260                | 260                 | 05        | 119                             | 276   | 368   | 412   | 855   | MINF 013 260 05 XXX XX |
|                    |                     | 10        | 181                             | 422   | 563   | 631   | 1313  | MINF 013 260 10 XXX XX |
|                    |                     | 15        | 305                             | 710   | 945   | 1059  | 2202  | MINF 013 260 15 XXX XX |
|                    |                     | 20        | 430                             | 1002  | 1334  | 1495  | 3107  | MINF 013 260 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 280                | 280                 | 05        | 128                             | 298   | 396   | 444   | 921   | MINF 013 280 05 XXX XX |
|                    |                     | 10        | 195                             | 455   | 606   | 679   | 1414  | MINF 013 280 10 XXX XX |
|                    |                     | 15        | 328                             | 765   | 1018  | 1141  | 2372  | MINF 013 280 15 XXX XX |
|                    |                     | 20        | 463                             | 1079  | 1436  | 1609  | 3346  | MINF 013 280 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |
| 300                | 300                 | 05        | 137                             | 319   | 424   | 475   | 987   | MINF 013 300 05 XXX XX |
|                    |                     | 10        | 209                             | 487   | 649   | 728   | 1515  | MINF 013 300 10 XXX XX |
|                    |                     | 15        | 352                             | 819   | 1091  | 1222  | 2541  | MINF 013 300 15 XXX XX |
|                    |                     | 20        | 496                             | 1156  | 1539  | 1724  | 3585  | MINF 013 300 20 XXX XX |
|                    |                     |           |                                 |       |       |       |       |                        |

## HAUTEUR 023

| HAUTEUR<br>H<br>cm | LONGUEUR<br>L<br>cm | TYPE<br>T | CHAUFFER<br>Temp. ambiante 20°C |       |       |                        |                        | CODE DE<br>COMMANDE |
|--------------------|---------------------|-----------|---------------------------------|-------|-------|------------------------|------------------------|---------------------|
|                    |                     |           | 35/30                           | 45/40 | 50/45 | 55/45                  | 75/65                  |                     |
|                    |                     |           | Watts                           | Watts | Watts | Watts                  | Watts                  |                     |
| MINF 023           | 060                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 060 11 XXX XX |                     |
|                    | 11                  | 80        | 190                             | 254   | 285   | 601                    | MINF 023 060 16 XXX XX |                     |
|                    | 16                  | 103       | 246                             | 330   | 370   | 785                    | MINF 023 060 21 XXX XX |                     |
|                    | 21                  | 132       | 317                             | 426   | 479   | 1021                   |                        |                     |
|                    | 070                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 070 11 XXX XX |                     |
|                    | 11                  | 94        | 222                             | 296   | 333   | 701                    | MINF 023 070 16 XXX XX |                     |
|                    | 16                  | 120       | 287                             | 385   | 432   | 916                    | MINF 023 070 21 XXX XX |                     |
|                    | 21                  | 154       | 370                             | 497   | 559   | 1191                   |                        |                     |
|                    | 080                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 080 11 XXX XX |                     |
|                    | 11                  | 107       | 253                             | 339   | 381   | 802                    | MINF 023 080 16 XXX XX |                     |
|                    | 16                  | 137       | 327                             | 439   | 494   | 1046                   | MINF 023 080 21 XXX XX |                     |
|                    | 21                  | 176       | 423                             | 568   | 639   | 1361                   |                        |                     |
|                    | 090                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 090 11 XXX XX |                     |
|                    | 11                  | 121       | 285                             | 381   | 428   | 902                    | MINF 023 090 16 XXX XX |                     |
|                    | 16                  | 155       | 368                             | 494   | 555   | 1177                   | MINF 023 090 21 XXX XX |                     |
|                    | 21                  | 198       | 475                             | 639   | 719   | 1531                   |                        |                     |
|                    | 100                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 100 11 XXX XX |                     |
|                    | 11                  | 134       | 317                             | 424   | 476   | 1002                   | MINF 023 100 16 XXX XX |                     |
|                    | 16                  | 172       | 409                             | 549   | 617   | 1308                   | MINF 023 100 21 XXX XX |                     |
|                    | 21                  | 220       | 528                             | 710   | 799   | 1701                   |                        |                     |
|                    | 110                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 110 11 XXX XX |                     |
|                    | 11                  | 147       | 348                             | 466   | 523   | 1102                   | MINF 023 110 16 XXX XX |                     |
|                    | 16                  | 189       | 450                             | 604   | 679   | 1439                   | MINF 023 110 21 XXX XX |                     |
|                    | 21                  | 243       | 581                             | 781   | 878   | 1871                   |                        |                     |
|                    | 120                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 120 11 XXX XX |                     |
|                    | 11                  | 161       | 380                             | 508   | 571   | 1202                   | MINF 023 120 16 XXX XX |                     |
|                    | 16                  | 206       | 491                             | 659   | 741   | 1570                   | MINF 023 120 21 XXX XX |                     |
|                    | 21                  | 265       | 634                             | 852   | 958   | 2041                   |                        |                     |
|                    | 140                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 140 11 XXX XX |                     |
|                    | 11                  | 188       | 443                             | 593   | 666   | 1403                   | MINF 023 140 16 XXX XX |                     |
|                    | 16                  | 241       | 573                             | 769   | 864   | 1831                   | MINF 023 140 21 XXX XX |                     |
|                    | 21                  | 309       | 739                             | 994   | 1118  | 2381                   |                        |                     |
|                    | 160                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 160 11 XXX XX |                     |
|                    | 11                  | 214       | 507                             | 678   | 761   | 1603                   | MINF 023 160 16 XXX XX |                     |
|                    | 16                  | 275       | 655                             | 879   | 988   | 2093                   | MINF 023 160 21 XXX XX |                     |
|                    | 21                  | 353       | 845                             | 1136  | 1278  | 2722                   |                        |                     |
|                    | 180                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 180 11 XXX XX |                     |
|                    | 11                  | 241       | 570                             | 763   | 857   | 1804                   | MINF 023 180 16 XXX XX |                     |
|                    | 16                  | 309       | 737                             | 988   | 1111  | 2354                   | MINF 023 180 21 XXX XX |                     |
|                    | 21                  | 397       | 951                             | 1278  | 1438  | 3062                   |                        |                     |
|                    | 200                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 200 11 XXX XX |                     |
|                    | 11                  | 268       | 633                             | 847   | 952   | 2004                   | MINF 023 200 16 XXX XX |                     |
|                    | 16                  | 344       | 819                             | 1098  | 1234  | 2616                   | MINF 023 200 21 XXX XX |                     |
|                    | 21                  | 441       | 1057                            | 1420  | 1597  | 3402                   |                        |                     |
|                    | 220                 | ---       | ---                             | ---   | ---   | ---                    | MINF 023 220 11 XXX XX |                     |
|                    | 11                  | 295       | 697                             | 932   | 1047  | 2204                   | MINF 023 220 16 XXX XX |                     |
|                    | 16                  | 378       | 901                             | 1208  | 1358  | 2878                   | MINF 023 220 21 XXX XX |                     |
|                    | 21                  | 485       | 1162                            | 1562  | 1757  | 3742                   |                        |                     |
| 240                | ---                 | ---       | ---                             | ---   | ---   | MINF 023 240 11 XXX XX |                        |                     |
| 11                 | 321                 | 760       | 1017                            | 1142  | 2405  | MINF 023 240 16 XXX XX |                        |                     |
| 16                 | 413                 | 983       | 1318                            | 1481  | 3139  | MINF 023 240 21 XXX XX |                        |                     |
| 21                 | 529                 | 1268      | 1704                            | 1916  | 4082  |                        |                        |                     |
| 260                | ---                 | ---       | ---                             | ---   | ---   | MINF 023 260 11 XXX XX |                        |                     |
| 11                 | 348                 | 823       | 1102                            | 1237  | 2605  | MINF 023 260 16 XXX XX |                        |                     |
| 16                 | 447                 | 1065      | 1428                            | 1605  | 3401  | MINF 023 260 21 XXX XX |                        |                     |
| 21                 | 573                 | 1374      | 1846                            | 2076  | 4423  |                        |                        |                     |
| 280                | ---                 | ---       | ---                             | ---   | ---   | MINF 023 280 11 XXX XX |                        |                     |
| 11                 | 375                 | 887       | 1187                            | 1332  | 2806  | MINF 023 280 16 XXX XX |                        |                     |
| 16                 | 481                 | 1146      | 1538                            | 1728  | 3662  | MINF 023 280 21 XXX XX |                        |                     |
| 21                 | 617                 | 1479      | 1988                            | 2236  | 4763  |                        |                        |                     |
| 300                | ---                 | ---       | ---                             | ---   | ---   | MINF 023 300 11 XXX XX |                        |                     |
| 11                 | 402                 | 950       | 1271                            | 1427  | 3006  | MINF 023 300 16 XXX XX |                        |                     |
| 16                 | 516                 | 1228      | 1648                            | 1852  | 3924  | MINF 023 300 21 XXX XX |                        |                     |
| 21                 | 661                 | 1585      | 2130                            | 2396  | 5103  |                        |                        |                     |

Saisissez le code pieds  
remplir code de couleur

## TABLEAU TECHNIQUE

**HAUTEUR 028**

| HAUTEUR<br>H<br>cm | LONGUEUR<br>L<br>cm | TYPE<br>T | CHAUFFER<br>Temp. ambiante 20°C |       |       |       |                        | CODE DE<br>COMMANDE    |
|--------------------|---------------------|-----------|---------------------------------|-------|-------|-------|------------------------|------------------------|
|                    |                     |           | 35/30                           | 45/40 | 50/45 | 55/45 | 75/65                  |                        |
|                    |                     |           | Watts                           | Watts | Watts | Watts | Watts                  |                        |
| MINF 028           | 060                 | ---       | ---                             | ---   | ---   | ---   |                        |                        |
|                    |                     | 11        | 87                              | 206   | 276   | 310   | 653                    | MINF 028 060 11 XXX XX |
|                    |                     | 16        | 113                             | 269   | 361   | 405   | 860                    | MINF 028 060 16 XXX XX |
|                    |                     | 21        | 145                             | 349   | 469   | 528   | 1127                   | MINF 028 060 21 XXX XX |
|                    | 070                 | ---       | ---                             | ---   | ---   | ---   |                        |                        |
|                    |                     | 11        | 102                             | 241   | 322   | 362   | 762                    | MINF 028 070 11 XXX XX |
|                    |                     | 16        | 131                             | 313   | 421   | 473   | 1003                   | MINF 028 070 16 XXX XX |
|                    |                     | 21        | 170                             | 407   | 548   | 616   | 1315                   | MINF 028 070 21 XXX XX |
|                    | 080                 | ---       | ---                             | ---   | ---   | ---   |                        |                        |
|                    |                     | 11        | 116                             | 275   | 368   | 414   | 871                    | MINF 028 080 11 XXX XX |
| 16                 |                     | 150       | 358                             | 481   | 540   | 1146  | MINF 028 080 16 XXX XX |                        |
|                    | 21                  | 194       | 465                             | 626   | 704   | 1503  | MINF 028 080 21 XXX XX |                        |
| 090                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 131       | 310                             | 414   | 465   | 980   | MINF 028 090 11 XXX XX |                        |
|                    | 16                  | 169       | 403                             | 541   | 608   | 1290  | MINF 028 090 16 XXX XX |                        |
|                    | 21                  | 218       | 523                             | 704   | 792   | 1691  | MINF 028 090 21 XXX XX |                        |
| 100                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 146       | 344                             | 461   | 517   | 1089  | MINF 028 100 11 XXX XX |                        |
|                    | 16                  | 188       | 448                             | 601   | 676   | 1433  | MINF 028 100 16 XXX XX |                        |
|                    | 21                  | 242       | 582                             | 782   | 880   | 1879  | MINF 028 100 21 XXX XX |                        |
| 110                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 160       | 379                             | 507   | 569   | 1198  | MINF 028 110 11 XXX XX |                        |
|                    | 16                  | 207       | 493                             | 661   | 743   | 1576  | MINF 028 110 16 XXX XX |                        |
|                    | 21                  | 266       | 640                             | 861   | 968   | 2067  | MINF 028 110 21 XXX XX |                        |
| 120                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 175       | 413                             | 553   | 621   | 1307  | MINF 028 120 11 XXX XX |                        |
|                    | 16                  | 225       | 538                             | 721   | 811   | 1720  | MINF 028 120 16 XXX XX |                        |
|                    | 21                  | 291       | 698                             | 939   | 1056  | 2255  | MINF 028 120 21 XXX XX |                        |
| 140                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 204       | 482                             | 645   | 724   | 1525  | MINF 028 140 11 XXX XX |                        |
|                    | 16                  | 263       | 627                             | 841   | 946   | 2006  | MINF 028 140 16 XXX XX |                        |
|                    | 21                  | 339       | 814                             | 1095  | 1233  | 2631  | MINF 028 140 21 XXX XX |                        |
| 160                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 233       | 551                             | 737   | 827   | 1742  | MINF 028 160 11 XXX XX |                        |
|                    | 16                  | 301       | 717                             | 962   | 1081  | 2293  | MINF 028 160 16 XXX XX |                        |
|                    | 21                  | 387       | 931                             | 1252  | 1408  | 3006  | MINF 028 160 21 XXX XX |                        |
| 180                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 262       | 619                             | 829   | 931   | 1960  | MINF 028 180 11 XXX XX |                        |
|                    | 16                  | 338       | 806                             | 1082  | 1216  | 2579  | MINF 028 180 16 XXX XX |                        |
|                    | 21                  | 436       | 1047                            | 1408  | 1584  | 3382  | MINF 028 180 21 XXX XX |                        |
| 200                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 291       | 688                             | 921   | 1034  | 2178  | MINF 028 200 11 XXX XX |                        |
|                    | 16                  | 376       | 896                             | 1202  | 1351  | 2866  | MINF 028 200 16 XXX XX |                        |
|                    | 21                  | 484       | 1163                            | 1565  | 1761  | 3758  | MINF 028 200 21 XXX XX |                        |
| 220                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 320       | 757                             | 1013  | 1138  | 2396  | MINF 028 220 11 XXX XX |                        |
|                    | 16                  | 413       | 985                             | 1322  | 1486  | 3153  | MINF 028 220 16 XXX XX |                        |
|                    | 21                  | 533       | 1280                            | 1721  | 1937  | 4134  | MINF 028 220 21 XXX XX |                        |
| 240                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 349       | 826                             | 1105  | 1241  | 2614  | MINF 028 240 11 XXX XX |                        |
|                    | 16                  | 451       | 1075                            | 1442  | 1621  | 3439  | MINF 028 240 16 XXX XX |                        |
|                    | 21                  | 581       | 1396                            | 1878  | 2113  | 4510  | MINF 028 240 21 XXX XX |                        |
| 260                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 378       | 895                             | 1197  | 1344  | 2831  | MINF 028 260 11 XXX XX |                        |
|                    | 16                  | 488       | 1165                            | 1563  | 1756  | 3726  | MINF 028 260 16 XXX XX |                        |
|                    | 21                  | 630       | 1512                            | 2034  | 2289  | 4885  | MINF 028 260 21 XXX XX |                        |
| 280                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 408       | 964                             | 1289  | 1448  | 3049  | MINF 028 280 11 XXX XX |                        |
|                    | 16                  | 526       | 1254                            | 1683  | 1891  | 4012  | MINF 028 280 16 XXX XX |                        |
|                    | 21                  | 678       | 1629                            | 2191  | 2465  | 5261  | MINF 028 280 21 XXX XX |                        |
| 300                | ---                 | ---       | ---                             | ---   | ---   |       |                        |                        |
|                    | 11                  | 437       | 1033                            | 1382  | 1551  | 3267  | MINF 028 300 11 XXX XX |                        |
|                    | 16                  | 564       | 1344                            | 1803  | 2027  | 4299  | MINF 028 300 16 XXX XX |                        |
|                    | 21                  | 727       | 1745                            | 2347  | 2641  | 5637  | MINF 028 300 21 XXX XX |                        |

Saisissez le code pieds —  
remplir code de couleur —

# MINI SUR PIEDS PIEDS RÉGLABLES

## HAUTEUR 008

| HAUTEUR  | LONGUEUR | TYPE | CHAUFFER<br>Temp. ambiante 20°C |       |       |       |       | CODE DE COMMANDE       |
|----------|----------|------|---------------------------------|-------|-------|-------|-------|------------------------|
|          |          |      | 35/30                           | 45/40 | 50/45 | 55/45 | 75/65 |                        |
|          |          |      | Watts                           | Watts | Watts | Watts | Watts |                        |
| H        | L        | T    |                                 |       |       |       |       |                        |
| cm       | cm       |      |                                 |       |       |       |       |                        |
| MINF 008 | 060      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 060 09 XXX XX |
|          |          | 09   | 35                              | 82    | 109   | 123   | 255   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 070      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 070 09 XXX XX |
|          |          | 09   | 41                              | 96    | 128   | 143   | 298   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 080      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 080 09 XXX XX |
|          |          | 09   | 47                              | 109   | 146   | 163   | 340   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 090      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 090 09 XXX XX |
|          |          | 09   | 53                              | 123   | 164   | 184   | 383   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 100      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 100 09 XXX XX |
|          |          | 09   | 59                              | 137   | 182   | 204   | 425   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 110      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 110 09 XXX XX |
|          |          | 09   | 65                              | 151   | 201   | 225   | 468   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 120      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 120 09 XXX XX |
|          |          | 09   | 70                              | 164   | 219   | 245   | 510   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 140      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 140 09 XXX XX |
|          |          | 09   | 82                              | 192   | 255   | 286   | 595   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 160      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 160 09 XXX XX |
|          |          | 09   | 94                              | 219   | 292   | 327   | 680   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 180      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 180 09 XXX XX |
|          |          | 09   | 106                             | 246   | 328   | 368   | 765   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 200      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 200 09 XXX XX |
|          |          | 09   | 117                             | 274   | 364   | 408   | 850   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 220      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 220 09 XXX XX |
|          |          | 09   | 129                             | 301   | 401   | 449   | 935   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 240      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 240 09 XXX XX |
|          |          | 09   | 141                             | 328   | 437   | 490   | 1020  |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 260      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 260 09 XXX XX |
|          |          | 09   | 153                             | 356   | 474   | 531   | 1105  |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 280      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 280 09 XXX XX |
|          |          | 09   | 164                             | 383   | 510   | 572   | 1190  |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
| 300      | ---      | ---  | ---                             | ---   | ---   | ---   | ---   | MINF 008 300 09 XXX XX |
|          |          | 09   | 176                             | 410   | 547   | 613   | 1275  |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |
|          |          | ---  | ---                             | ---   | ---   | ---   | ---   |                        |

Saisissez le code pieds  
remplir code de couleur

# TABLEAU TECHNIQUE

## HAUTEUR 013

| H        | HAUTEUR<br>cm | L  | LONGUEUR<br>cm | T | TYPE | CHAUFFER<br>Temp. ambiante 20°C |       |       |       |                        | CODE DE<br>COMMANDE |
|----------|---------------|----|----------------|---|------|---------------------------------|-------|-------|-------|------------------------|---------------------|
|          |               |    |                |   |      | 35/30                           | 45/40 | 50/45 | 55/45 | 75/65                  |                     |
|          |               |    |                |   |      | Watts                           | Watts | Watts | Watts | Watts                  |                     |
| MINF 013 | 060           | 05 |                |   | 27   | 64                              | 85    | 95    | 197   | MINF 013 060 05 XXX XX |                     |
|          |               | 10 |                |   | 42   | 97                              | 130   | 146   | 303   | MINF 013 060 10 XXX XX |                     |
|          |               | 15 |                |   | 70   | 164                             | 218   | 244   | 508   | MINF 013 060 15 XXX XX |                     |
|          |               | 20 |                |   | 99   | 231                             | 308   | 345   | 717   | MINF 013 060 20 XXX XX |                     |
|          | 070           | 05 |                |   | 32   | 74                              | 99    | 111   | 230   | MINF 013 070 05 XXX XX |                     |
|          |               | 10 |                |   | 49   | 114                             | 152   | 170   | 354   | MINF 013 070 10 XXX XX |                     |
|          |               | 15 |                |   | 82   | 191                             | 255   | 285   | 593   | MINF 013 070 15 XXX XX |                     |
|          |               | 20 |                |   | 116  | 270                             | 359   | 403   | 837   | MINF 013 070 20 XXX XX |                     |
|          | 080           | 05 |                |   | 37   | 85                              | 113   | 127   | 263   | MINF 013 080 05 XXX XX |                     |
|          |               | 10 |                |   | 56   | 130                             | 173   | 194   | 404   | MINF 013 080 10 XXX XX |                     |
|          |               | 15 |                |   | 94   | 219                             | 291   | 326   | 678   | MINF 013 080 15 XXX XX |                     |
|          |               | 20 |                |   | 132  | 308                             | 410   | 460   | 956   | MINF 013 080 20 XXX XX |                     |
|          | 090           | 05 |                |   | 41   | 96                              | 127   | 143   | 296   | MINF 013 090 05 XXX XX |                     |
|          |               | 10 |                |   | 63   | 146                             | 195   | 219   | 455   | MINF 013 090 10 XXX XX |                     |
|          |               | 15 |                |   | 105  | 246                             | 327   | 367   | 762   | MINF 013 090 15 XXX XX |                     |
|          |               | 20 |                |   | 149  | 347                             | 462   | 518   | 1076  | MINF 013 090 20 XXX XX |                     |
|          | 100           | 05 |                |   | 46   | 106                             | 141   | 158   | 329   | MINF 013 100 05 XXX XX |                     |
|          |               | 10 |                |   | 70   | 162                             | 216   | 243   | 505   | MINF 013 100 10 XXX XX |                     |
|          |               | 15 |                |   | 117  | 273                             | 364   | 407   | 847   | MINF 013 100 15 XXX XX |                     |
|          |               | 20 |                |   | 165  | 385                             | 513   | 575   | 1195  | MINF 013 100 20 XXX XX |                     |
|          | 110           | 05 |                |   | 50   | 117                             | 156   | 174   | 362   | MINF 013 110 05 XXX XX |                     |
|          |               | 10 |                |   | 77   | 179                             | 238   | 267   | 556   | MINF 013 110 10 XXX XX |                     |
|          |               | 15 |                |   | 129  | 301                             | 400   | 448   | 932   | MINF 013 110 15 XXX XX |                     |
|          |               | 20 |                |   | 182  | 424                             | 564   | 633   | 1315  | MINF 013 110 20 XXX XX |                     |
|          | 120           | 05 |                |   | 55   | 128                             | 170   | 190   | 395   | MINF 013 120 05 XXX XX |                     |
|          |               | 10 |                |   | 84   | 195                             | 260   | 291   | 606   | MINF 013 120 10 XXX XX |                     |
|          |               | 15 |                |   | 141  | 328                             | 436   | 489   | 1016  | MINF 013 120 15 XXX XX |                     |
|          |               | 20 |                |   | 198  | 462                             | 616   | 690   | 1434  | MINF 013 120 20 XXX XX |                     |
|          | 140           | 05 |                |   | 64   | 149                             | 198   | 222   | 461   | MINF 013 140 05 XXX XX |                     |
|          |               | 10 |                |   | 97   | 227                             | 303   | 340   | 707   | MINF 013 140 10 XXX XX |                     |
|          |               | 15 |                |   | 164  | 382                             | 509   | 570   | 1186  | MINF 013 140 15 XXX XX |                     |
|          |               | 20 |                |   | 232  | 539                             | 718   | 805   | 1673  | MINF 013 140 20 XXX XX |                     |
|          | 160           | 05 |                |   | 73   | 170                             | 226   | 253   | 526   | MINF 013 160 05 XXX XX |                     |
|          |               | 10 |                |   | 111  | 260                             | 346   | 388   | 808   | MINF 013 160 10 XXX XX |                     |
|          |               | 15 |                |   | 188  | 437                             | 582   | 652   | 1355  | MINF 013 160 15 XXX XX |                     |
|          |               | 20 |                |   | 265  | 617                             | 821   | 920   | 1912  | MINF 013 160 20 XXX XX |                     |
|          | 180           | 05 |                |   | 82   | 191                             | 255   | 285   | 592   | MINF 013 180 05 XXX XX |                     |
|          |               | 10 |                |   | 125  | 292                             | 389   | 437   | 909   | MINF 013 180 10 XXX XX |                     |
|          |               | 15 |                |   | 211  | 492                             | 655   | 734   | 1525  | MINF 013 180 15 XXX XX |                     |
|          |               | 20 |                |   | 298  | 694                             | 923   | 1035  | 2151  | MINF 013 180 20 XXX XX |                     |
|          | 200           | 05 |                |   | 91   | 213                             | 283   | 317   | 658   | MINF 013 200 05 XXX XX |                     |
|          |               | 10 |                |   | 139  | 325                             | 433   | 485   | 1010  | MINF 013 200 10 XXX XX |                     |
|          |               | 15 |                |   | 234  | 546                             | 727   | 815   | 1694  | MINF 013 200 15 XXX XX |                     |
|          |               | 20 |                |   | 331  | 771                             | 1026  | 1150  | 2390  | MINF 013 200 20 XXX XX |                     |
|          | 220           | 05 |                |   | 101  | 234                             | 311   | 349   | 724   | MINF 013 220 05 XXX XX |                     |
|          |               | 10 |                |   | 153  | 357                             | 476   | 534   | 1111  | MINF 013 220 10 XXX XX |                     |
|          |               | 15 |                |   | 258  | 601                             | 800   | 896   | 1863  | MINF 013 220 15 XXX XX |                     |
|          |               | 20 |                |   | 364  | 848                             | 1129  | 1265  | 2629  | MINF 013 220 20 XXX XX |                     |
|          | 240           | 05 |                |   | 110  | 255                             | 340   | 381   | 790   | MINF 013 240 05 XXX XX |                     |
|          |               | 10 |                |   | 167  | 390                             | 519   | 582   | 1212  | MINF 013 240 10 XXX XX |                     |
|          |               | 15 |                |   | 281  | 656                             | 873   | 978   | 2033  | MINF 013 240 15 XXX XX |                     |
|          |               | 20 |                |   | 397  | 925                             | 1231  | 1380  | 2868  | MINF 013 240 20 XXX XX |                     |
|          | 260           | 05 |                |   | 119  | 276                             | 368   | 412   | 855   | MINF 013 260 05 XXX XX |                     |
|          |               | 10 |                |   | 181  | 422                             | 563   | 631   | 1313  | MINF 013 260 10 XXX XX |                     |
|          |               | 15 |                |   | 305  | 710                             | 945   | 1059  | 2202  | MINF 013 260 15 XXX XX |                     |
|          |               | 20 |                |   | 430  | 1002                            | 1334  | 1495  | 3107  | MINF 013 260 20 XXX XX |                     |
|          | 280           | 05 |                |   | 128  | 298                             | 396   | 444   | 921   | MINF 013 280 05 XXX XX |                     |
|          |               | 10 |                |   | 195  | 455                             | 606   | 679   | 1414  | MINF 013 280 10 XXX XX |                     |
|          |               | 15 |                |   | 328  | 765                             | 1018  | 1141  | 2372  | MINF 013 280 15 XXX XX |                     |
|          |               | 20 |                |   | 463  | 1079                            | 1436  | 1609  | 3346  | MINF 013 280 20 XXX XX |                     |
|          | 300           | 05 |                |   | 137  | 319                             | 424   | 475   | 987   | MINF 013 300 05 XXX XX |                     |
|          |               | 10 |                |   | 209  | 487                             | 649   | 728   | 1515  | MINF 013 300 10 XXX XX |                     |
|          |               | 15 |                |   | 352  | 819                             | 1091  | 1222  | 2541  | MINF 013 300 15 XXX XX |                     |
|          |               | 20 |                |   | 496  | 1156                            | 1539  | 1724  | 3585  | MINF 013 300 20 XXX XX |                     |

## HAUTEUR 023

Saisissez le code pieds  
remplir code de couleur

**HAUTEUR 028**

Saisissez le code pieds —  
remplir code de couleur

MINI SUR PIEDS

HABILLAGE



- LIVRAISON STANDARD:
- garniture pré-assemblée
  - couleur 133, 001 ou 145; sup. de prix autres couleurs

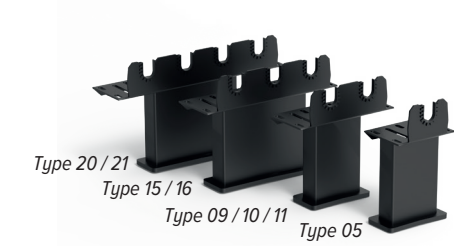
PIÈCES DÉTACHÉES

CODE DE COMMANDE

CMIN 008 060 09 XXX

Couleur  
Type  
Longueur  
HAUTEUR

PIEDS FIXES



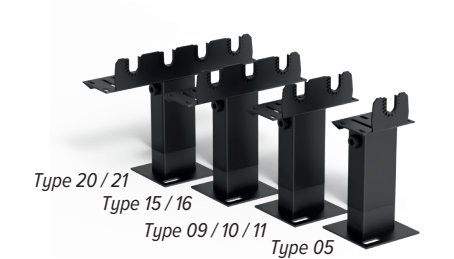
- Nombre de pieds pour l'habillage
- de 060 à 160 cm : min. 2 pièces
  - de 180 à 300 cm : min. 3 pièces
- HAUTEUR pied:
- FS: hauteur 65 mm (uniquement pour Mini H008 et H013)
  - FM: hauteur 100 mm
  - FL: hauteur 120 mm

CODE DE COMMANDE

5205 000 000 09 XXX FS

Pied  
Couleur  
Type

PIEDS RÉGLABLES



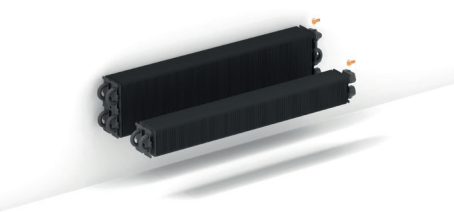
- Nombre de pieds pour l'habillage
- de 060 à 160 cm : min. 2 pièces
  - de 180 à 300 cm : min. 3 pièces
- HAUTEUR pied:
- AS: hauteur 135 mm tot 210 mm
  - AL: hauteur 215 mm tot 340 mm

CODE DE COMMANDE

5205 000 000 09 XXX AS

Pied  
Couleur  
Type

ÉCHANGEUR DE CHALEUR



- LIVRAISON STANDARD:
- échangeur de chaleur y compris un purgeur et un bouchon de vidange

CODE DE COMMANDE

5003 000 060 05 BS9

Type d'échangeur de chaleur  
Longueur

Aperçu des types d'échangeurs de chaleur

|                            | Mini Type 05                                                                                   | Mini Type 09                                                                                   | Mini Type 10                                                                                   | Mini Type 11                                                                                   | Mini Type 15                                                                                   | Mini Type 16                                                                                     | Mini Type 20                                                                                     | Mini Type 21                                                                                     |
|----------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Hauteur 008                |                                                                                                | <br>Type 09 |                                                                                                |                                                                                                |                                                                                                |                                                                                                  |                                                                                                  |                                                                                                  |
| Hauteur 013                | <br>Type 05 |                                                                                                | <br>Type 10 |                                                                                                | <br>Type 15 |                                                                                                  | <br>Type 20 |                                                                                                  |
| Hauteur 023<br>Hauteur 028 |                                                                                                |                                                                                                |                                                                                                | <br>Type 11 |                                                                                                | <br>Type 16 |                                                                                                  | <br>Type 21 |

Les puissances données à ΔT 50 sont des valeurs exactes calculées selon EN442. Pour tous les autres ΔT, ce tableau donne une valeur calculée en utilisant un facteur de correction moyen valable pour toutes les dimensions.

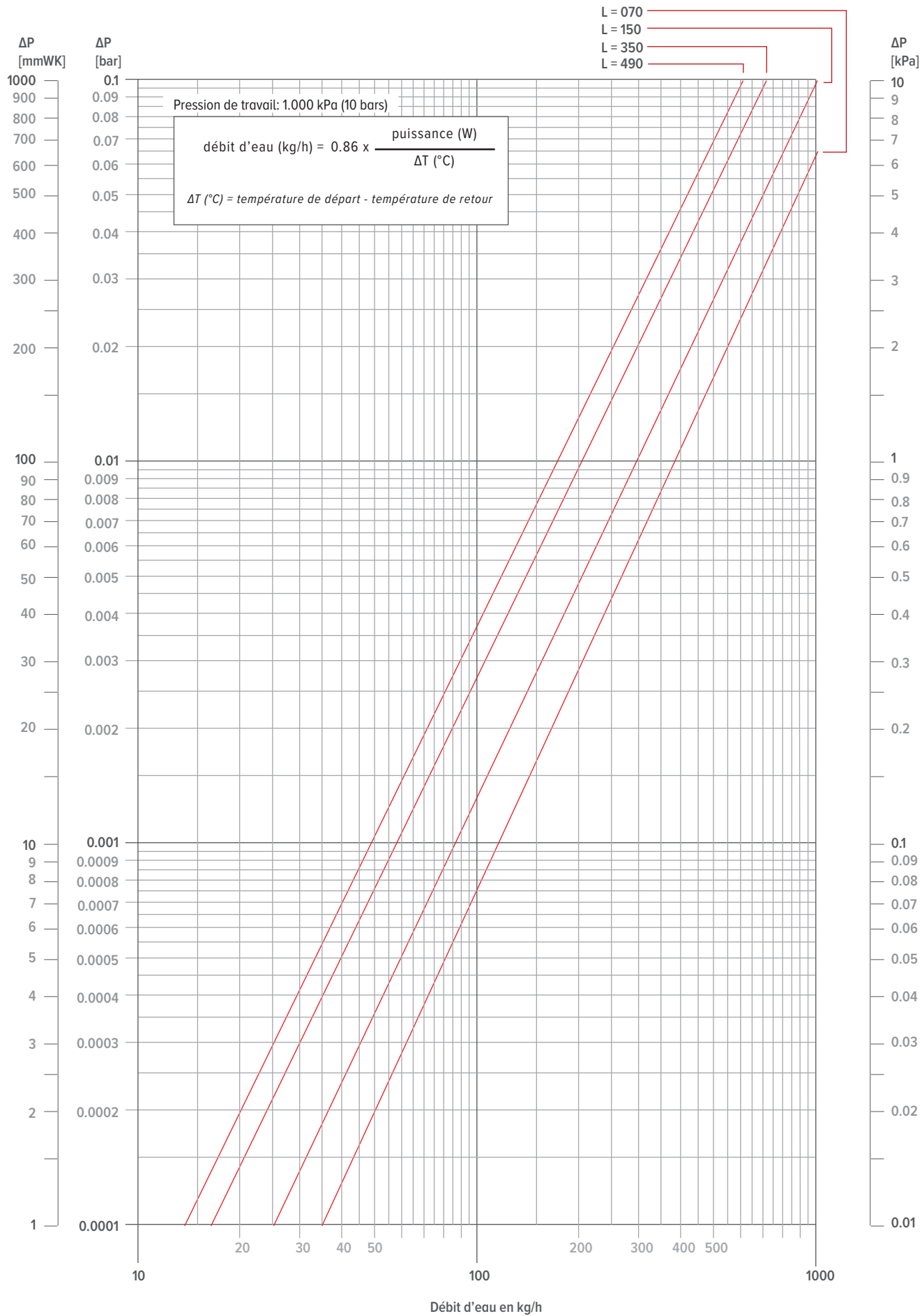
Sur [www.jaga.com/selection-tools/](http://www.jaga.com/selection-tools/), vous pouvez télécharger des outils de calcul avec les rendements exacts. Les outils de calcul en ligne sont toujours actualisés avec les données les plus récentes. Des différences mineures de rendement entre les tableaux déjà imprimés et les différents outils de calcul en ligne sont donc tout à fait normales et s'inscrivent dans les marges de tolérance fixées par la norme.

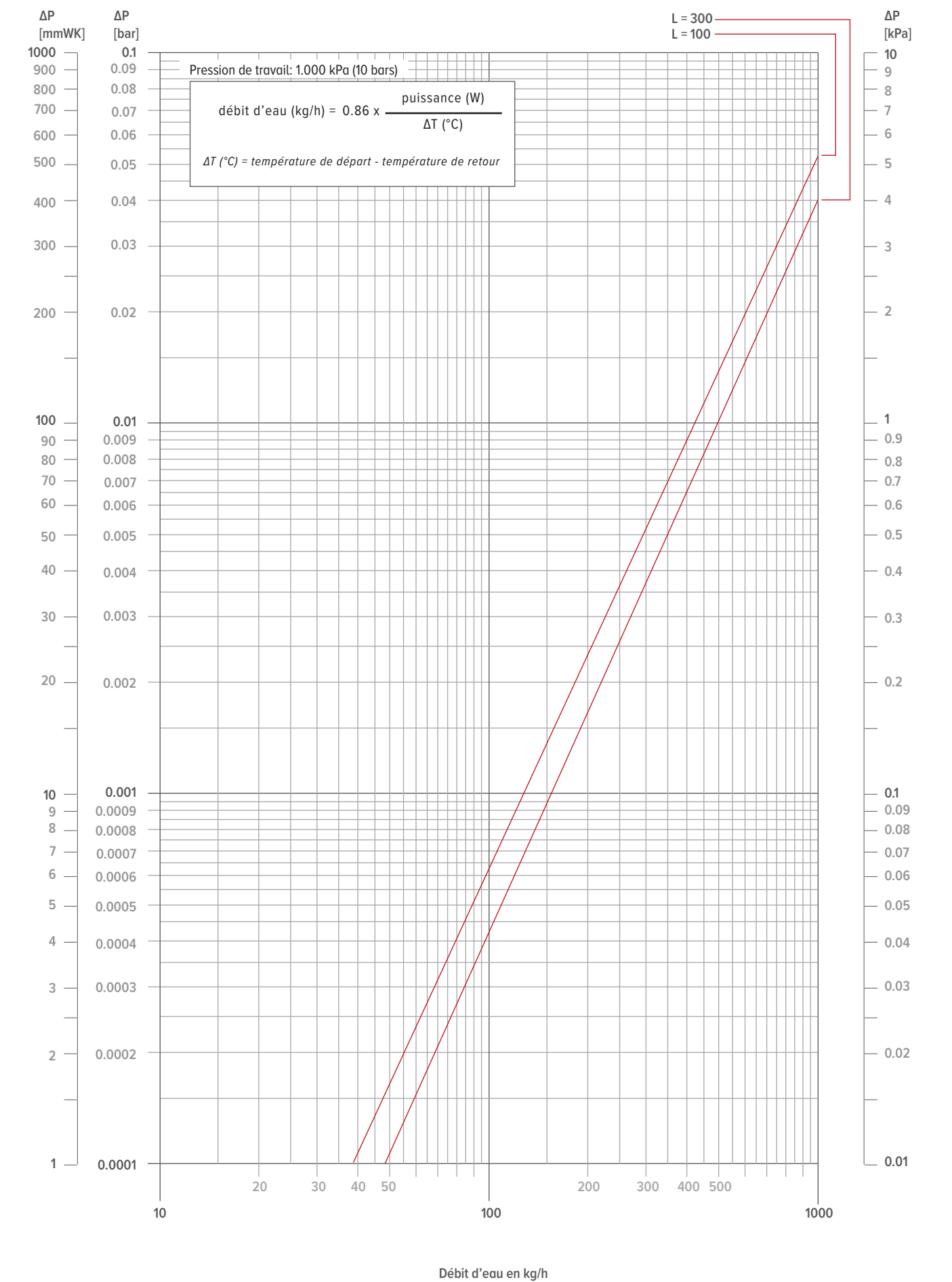
FACTEURS DE CORRECTION MOYENS POUR LES PRODUITS STATIQUES SELON EN442 - 75/65/20°C

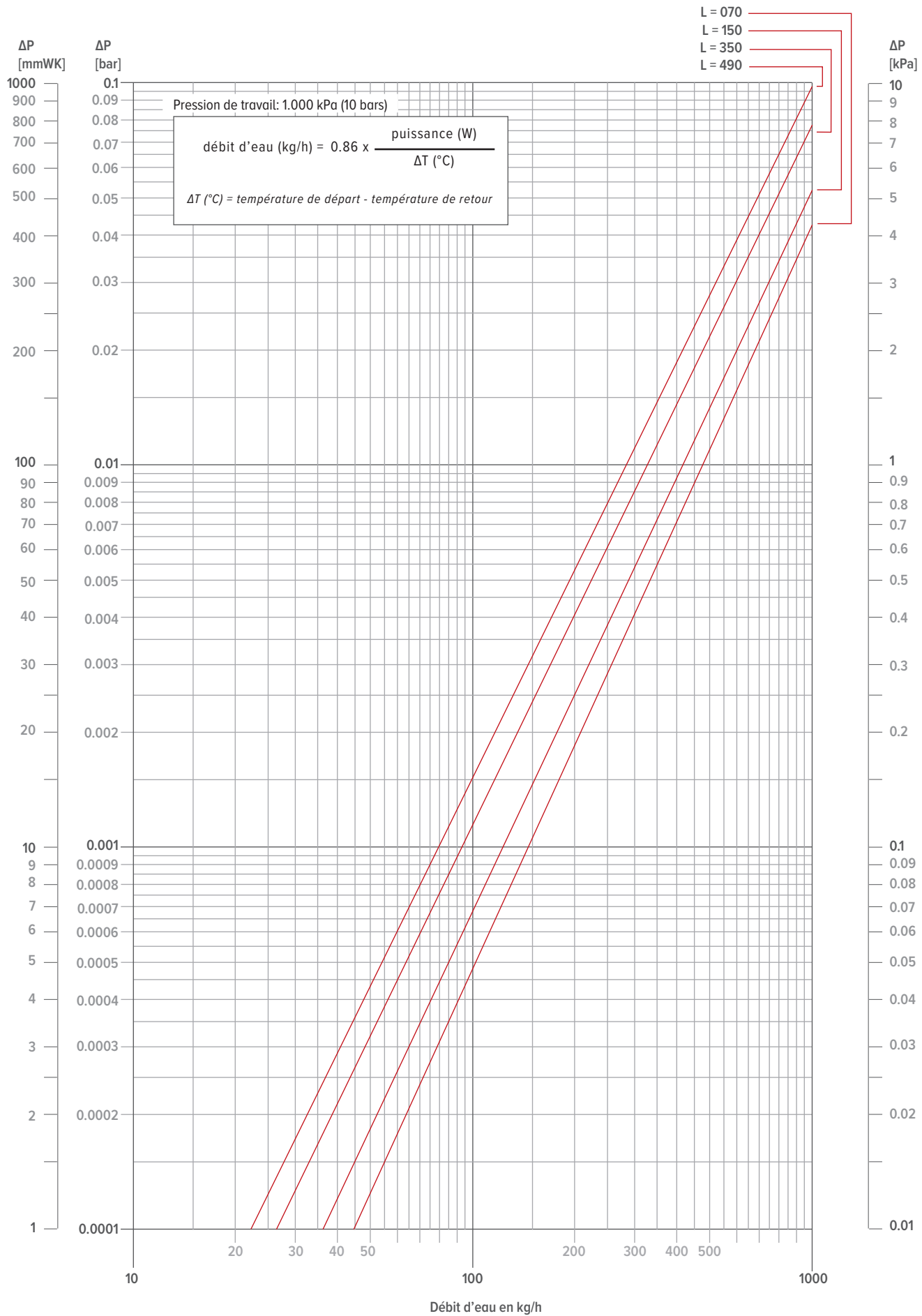
| température ambiante: 20°C |    |      |      |      |      |      |      |      |      | température ambiante: 24°C |    |    |      |      |      |      |      |      |      |      |      |
|----------------------------|----|------|------|------|------|------|------|------|------|----------------------------|----|----|------|------|------|------|------|------|------|------|------|
| Valeur N moyenne : 1.36    |    |      |      |      |      |      |      |      |      | Valeur N moyenne : 1.36    |    |    |      |      |      |      |      |      |      |      |      |
|                            | TR | 65   | 60   | 55   | 50   | 45   | 40   | 35   | 30   | 25                         |    | TR | 65   | 60   | 55   | 50   | 45   | 40   | 35   | 30   | 25   |
| TA                         |    |      |      |      |      |      |      |      |      |                            | TA |    |      |      |      |      |      |      |      |      |      |
| 75                         |    | 1.00 | 0.93 | 0.85 | 0.77 | 0.69 | 0.61 | 0.52 | 0.42 | 0.31                       | 75 |    | 0.89 | 0.82 | 0.75 | 0.67 | 0.59 | 0.51 | 0.41 | 0.31 | 0.16 |
| 70                         |    | 0.94 | 0.87 | 0.79 | 0.72 | 0.64 | 0.56 | 0.48 | 0.39 | 0.28                       | 70 |    | 0.83 | 0.76 | 0.69 | 0.62 | 0.54 | 0.47 | 0.38 | 0.28 | 0.14 |
| 65                         |    |      | 0.80 | 0.74 | 0.67 | 0.60 | 0.52 | 0.44 | 0.35 | 0.25                       | 65 |    |      | 0.70 | 0.64 | 0.57 | 0.50 | 0.43 | 0.35 | 0.25 | 0.12 |
| 60                         |    |      |      | 0.68 | 0.61 | 0.55 | 0.48 | 0.40 | 0.32 | 0.23                       | 60 |    |      |      | 0.58 | 0.52 | 0.45 | 0.38 | 0.31 | 0.23 | 0.11 |
| 55                         |    |      |      |      | 0.56 | 0.50 | 0.43 | 0.36 | 0.29 | 0.20                       | 55 |    |      |      |      | 0.47 | 0.41 | 0.34 | 0.28 | 0.20 | 0.09 |
| 50                         |    |      |      |      |      | 0.44 | 0.38 | 0.32 | 0.25 | 0.18                       | 50 |    |      |      |      |      | 0.36 | 0.30 | 0.24 | 0.17 | 0.08 |
| 45                         |    |      |      |      |      |      | 0.34 | 0.28 | 0.22 | 0.15                       | 45 |    |      |      |      |      |      | 0.26 | 0.20 | 0.14 | 0.06 |
| 40                         |    |      |      |      |      |      |      | 0.24 | 0.19 | 0.13                       | 40 |    |      |      |      |      |      |      | 0.17 | 0.12 | 0.05 |
| 35                         |    |      |      |      |      |      |      |      | 0.15 | 0.10                       | 35 |    |      |      |      |      |      |      |      | 0.09 | 0.03 |
| 30                         |    |      |      |      |      |      |      |      |      | 0.07                       | 30 |    |      |      |      |      |      |      |      |      | 0.02 |

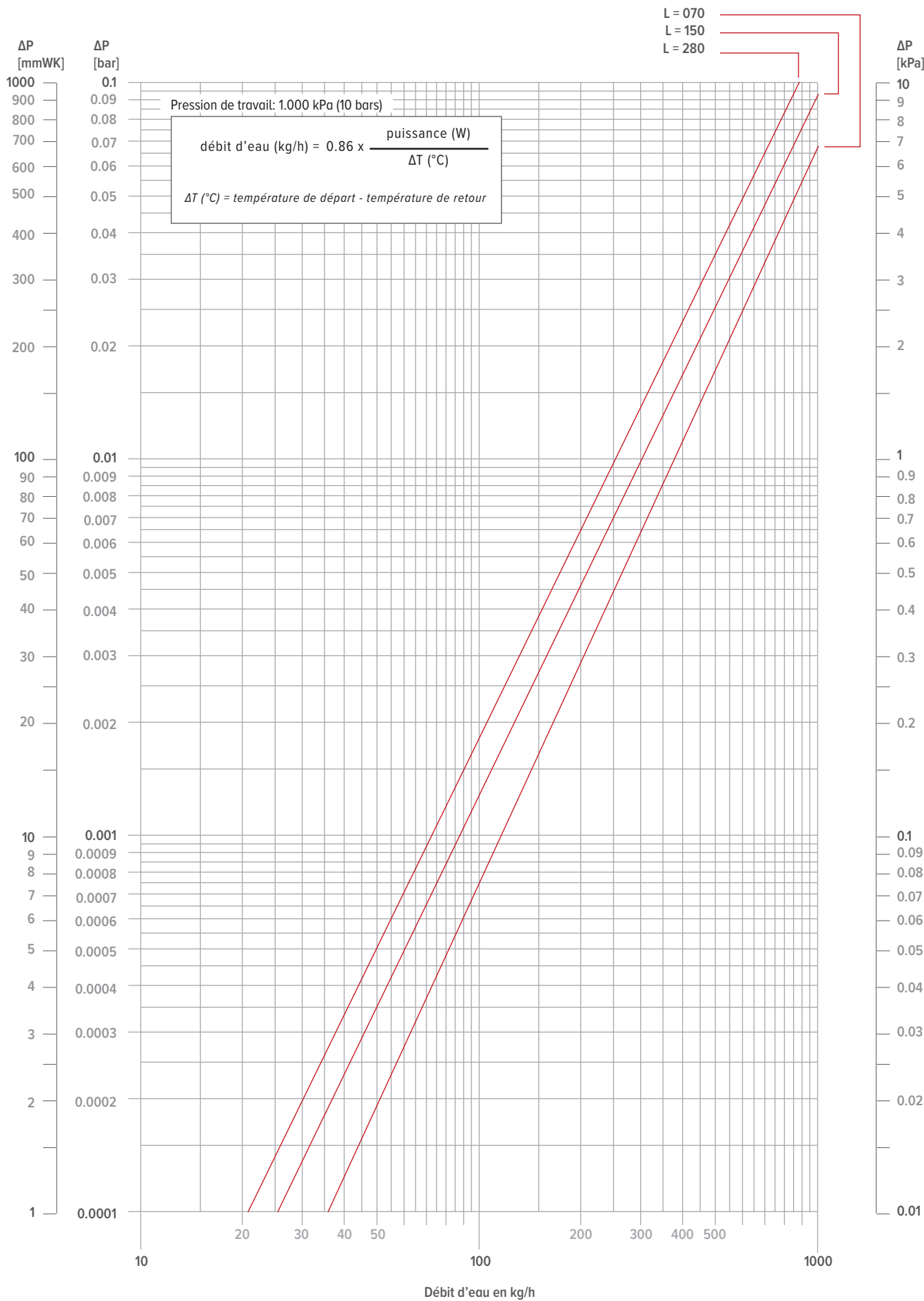
DIRECTIVE POUR LIMITER LES BRUITS D'ÉCOULEMENT

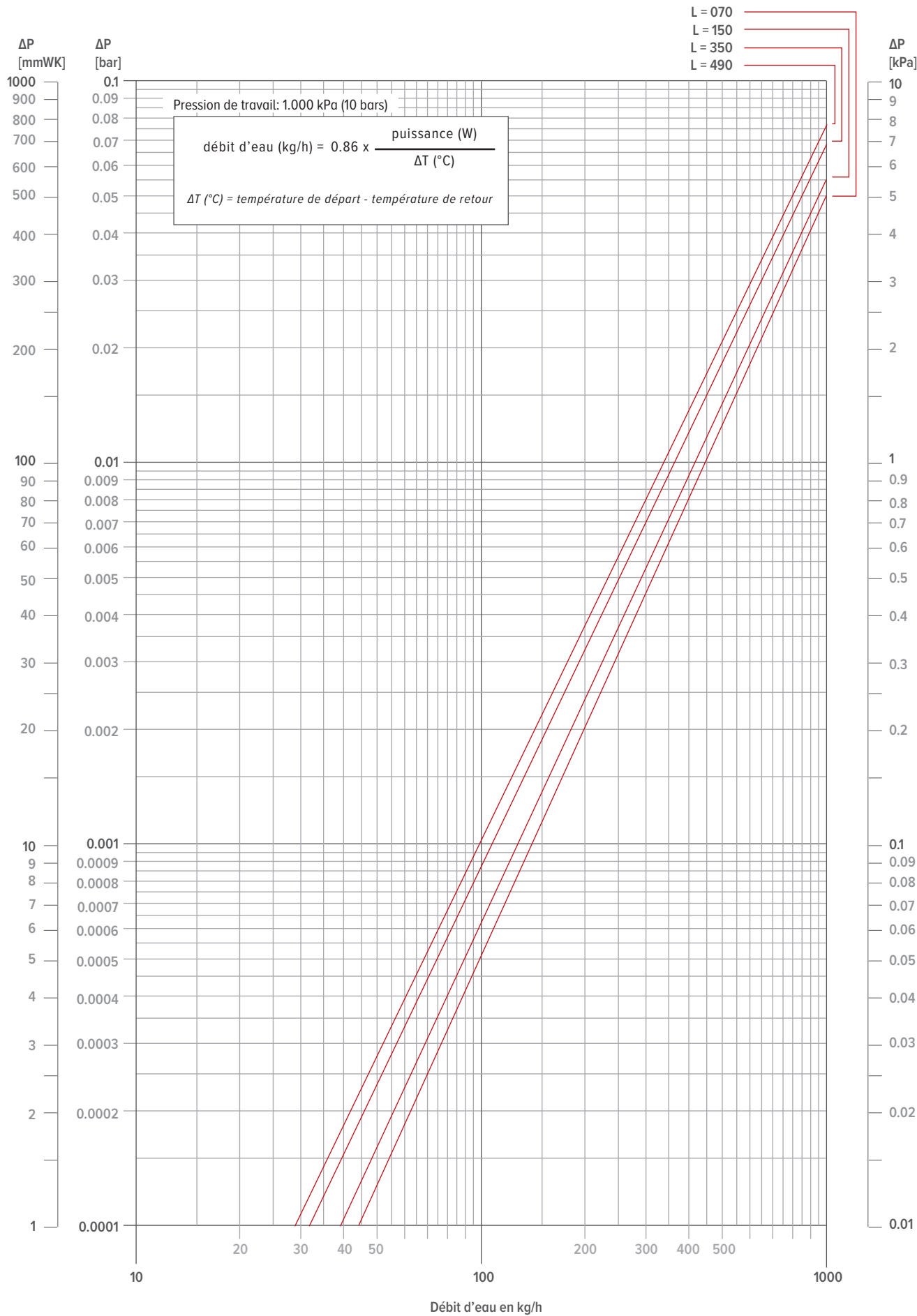
| TUYAU                        | Ø extérie-<br>ur | Epais-<br>seur de<br>la paroi | Vitesse max.<br>de l'eau<br>(EN10255) | teneur en eau<br>par mètre | débit d'eau<br>max. | Puissance maximale à ΔT (°C) (T alimentation - T retour) |        |       |       |       |       |       |
|------------------------------|------------------|-------------------------------|---------------------------------------|----------------------------|---------------------|----------------------------------------------------------|--------|-------|-------|-------|-------|-------|
|                              |                  |                               |                                       |                            |                     | ΔT 30                                                    | ΔT 20  | ΔT 10 | ΔT 5  | ΔT 4  | ΔT 3  | ΔT 2  |
|                              |                  |                               |                                       |                            |                     | Watts                                                    | Watts  | Watts | Watts | Watts | Watts | Watts |
|                              | mm               | mm                            | m/s                                   | l                          | kg/h                |                                                          |        |       |       |       |       |       |
| TUBE GALVANISÉ DIN 2440      |                  |                               |                                       |                            |                     |                                                          |        |       |       |       |       |       |
| 3/8 DN10 OD                  | 17.2             | 2.35                          | 0.40                                  | 0.12                       | 173                 | 6028                                                     | 4019   | 2009  | 1005  | 804   | 603   | 402   |
| 1/2 DN15 OD                  | 21.3             | 2.65                          | 0.40                                  | 0.20                       | 288                 | 10046                                                    | 6698   | 3349  | 1674  | 1340  | 1005  | 670   |
| 3/4 DN20 OD                  | 26.9             | 2.65                          | 0.42                                  | 0.37                       | 559                 | 19515                                                    | 13010  | 6505  | 3253  | 2602  | 1952  | 1301  |
| 1 DN25 OD                    | 33.7             | 3.25                          | 0.49                                  | 0.58                       | 1023                | 35690                                                    | 23793  | 11897 | 5948  | 4759  | 3569  | 2379  |
| 1 1/4 DN32 OD                | 42.4             | 3.25                          | 0.60                                  | 1.01                       | 2182                | 76101                                                    | 50734  | 25367 | 12684 | 10147 | 7610  | 5073  |
| 1 1/2 DN40 OD                | 48.3             | 3.25                          | 0.66                                  | 1.37                       | 3255                | 113549                                                   | 75700  | 37850 | 18925 | 15140 | 11355 | 7570  |
| 2 DN50 OD                    | 60.3             | 3.65                          | 0.80                                  | 2.21                       | 6365                | 222025                                                   | 148017 | 74008 | 37004 | 29603 | 22203 | 14802 |
| TUBE MÉTALLIQUE DE PRÉCISION |                  |                               |                                       |                            |                     |                                                          |        |       |       |       |       |       |
| 10/1                         | 10               | 1.00                          | 0.40                                  | 0.05                       | 72                  | 2512                                                     | 1674   | 837   | 419   | 335   | 251   | 167   |
| 12/1                         | 12               | 1.00                          | 0.40                                  | 0.08                       | 115                 | 4019                                                     | 2679   | 1340  | 670   | 536   | 402   | 268   |
| 14/1                         | 14               | 1.00                          | 0.40                                  | 0.11                       | 158                 | 5526                                                     | 3684   | 1842  | 921   | 737   | 553   | 368   |
| 15/1                         | 15               | 1.00                          | 0.40                                  | 0.13                       | 187                 | 6530                                                     | 4353   | 2177  | 1088  | 871   | 653   | 435   |
| 16/1                         | 16               | 1.00                          | 0.40                                  | 0.15                       | 216                 | 7535                                                     | 5023   | 2512  | 1256  | 1005  | 753   | 502   |
| 18/1                         | 18               | 1.00                          | 0.40                                  | 0.20                       | 288                 | 10046                                                    | 6698   | 3349  | 1674  | 1340  | 1005  | 670   |
| 22/1                         | 22               | 1.00                          | 0.40                                  | 0.31                       | 446                 | 15572                                                    | 10381  | 5191  | 2595  | 2076  | 1557  | 1038  |
| 28/1                         | 28               | 1.00                          | 0.47                                  | 0.53                       | 904                 | 31522                                                    | 21014  | 10507 | 5254  | 4203  | 3152  | 2101  |
| PER/ALU                      |                  |                               |                                       |                            |                     |                                                          |        |       |       |       |       |       |
| 12/2                         | 12               | 2.00                          | 0.40                                  | 0.05                       | 72                  | 2512                                                     | 1674   | 837   | 419   | 335   | 251   | 167   |
| 14/2                         | 14               | 2.00                          | 0.40                                  | 0.08                       | 115                 | 4019                                                     | 2679   | 1340  | 670   | 536   | 402   | 268   |
| 16/1.5                       | 16               | 1.50                          | 0.40                                  | 0.13                       | 187                 | 6530                                                     | 4353   | 2177  | 1088  | 871   | 653   | 435   |
| 16/2                         | 16               | 2.00                          | 0.40                                  | 0.11                       | 158                 | 5526                                                     | 3684   | 1842  | 921   | 737   | 553   | 368   |
| 17/2                         | 17               | 2.00                          | 0.40                                  | 0.13                       | 187                 | 6530                                                     | 4353   | 2177  | 1088  | 871   | 653   | 435   |
| 18/2                         | 18               | 2.00                          | 0.40                                  | 0.15                       | 216                 | 7535                                                     | 5023   | 2512  | 1256  | 1005  | 753   | 502   |
| 20/2                         | 20               | 2.00                          | 0.40                                  | 0.20                       | 288                 | 10046                                                    | 6698   | 3349  | 1674  | 1340  | 1005  | 670   |
| 26/3                         | 26               | 3.00                          | 0.40                                  | 0.31                       | 446                 | 15572                                                    | 10381  | 5191  | 2595  | 2076  | 1557  | 1038  |
| 32/3                         | 32               | 3.00                          | 0.47                                  | 0.53                       | 904                 | 31522                                                    | 21014  | 10507 | 5254  | 4203  | 3152  | 2101  |
| 40/3.5                       | 40               | 3.50                          | 0.56                                  | 0.86                       | 1726                | 60220                                                    | 40147  | 20073 | 10037 | 8029  | 6022  | 4015  |
| 50/4.25                      | 50               | 4.25                          | 0.66                                  | 1.35                       | 3206                | 111824                                                   | 74549  | 37275 | 18637 | 14910 | 11182 | 7455  |
| 63/5                         | 63               | 5.00                          | 0.80                                  | 2.21                       | 6346                | 221359                                                   | 147573 | 73786 | 36893 | 29515 | 22136 | 14757 |

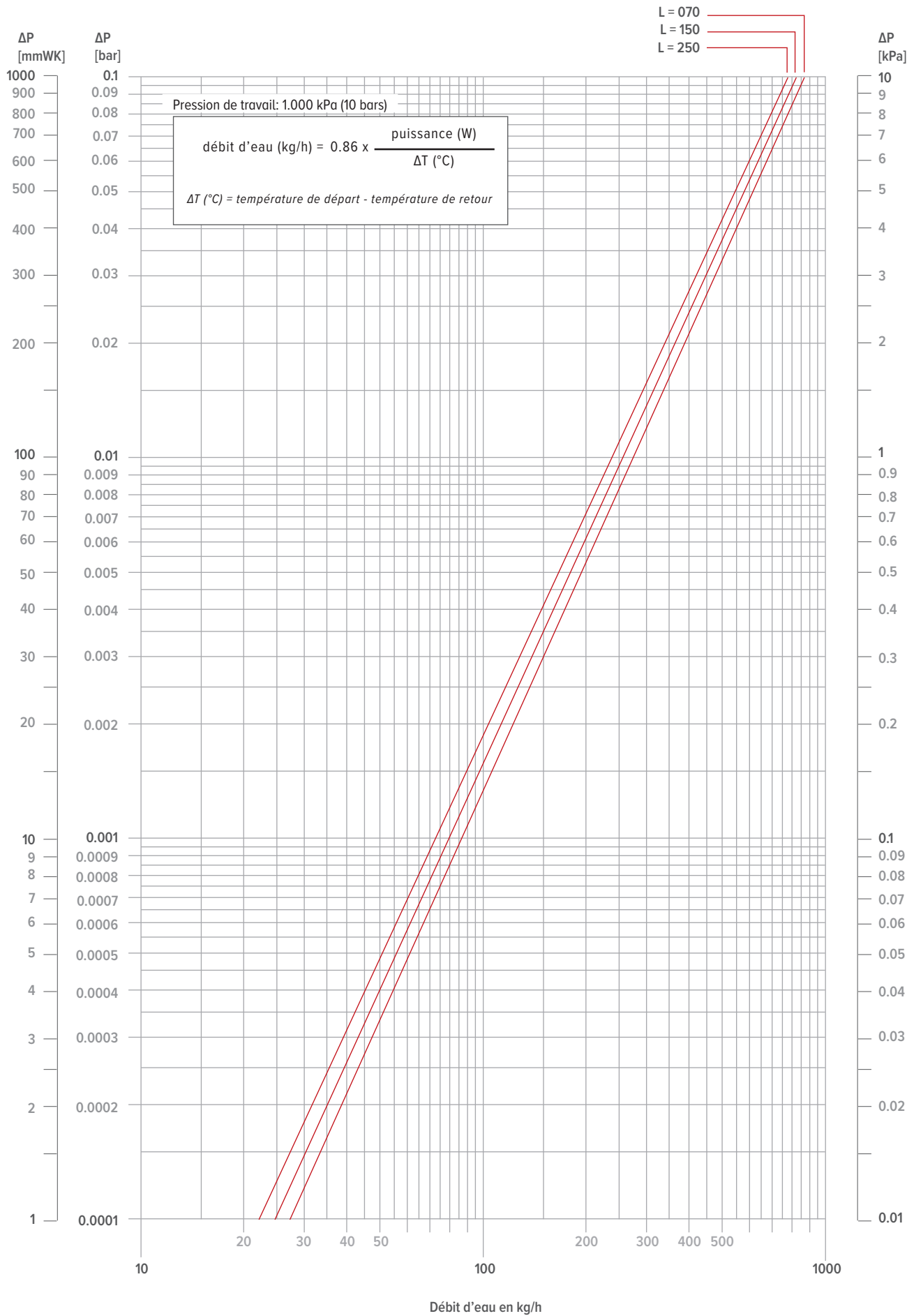


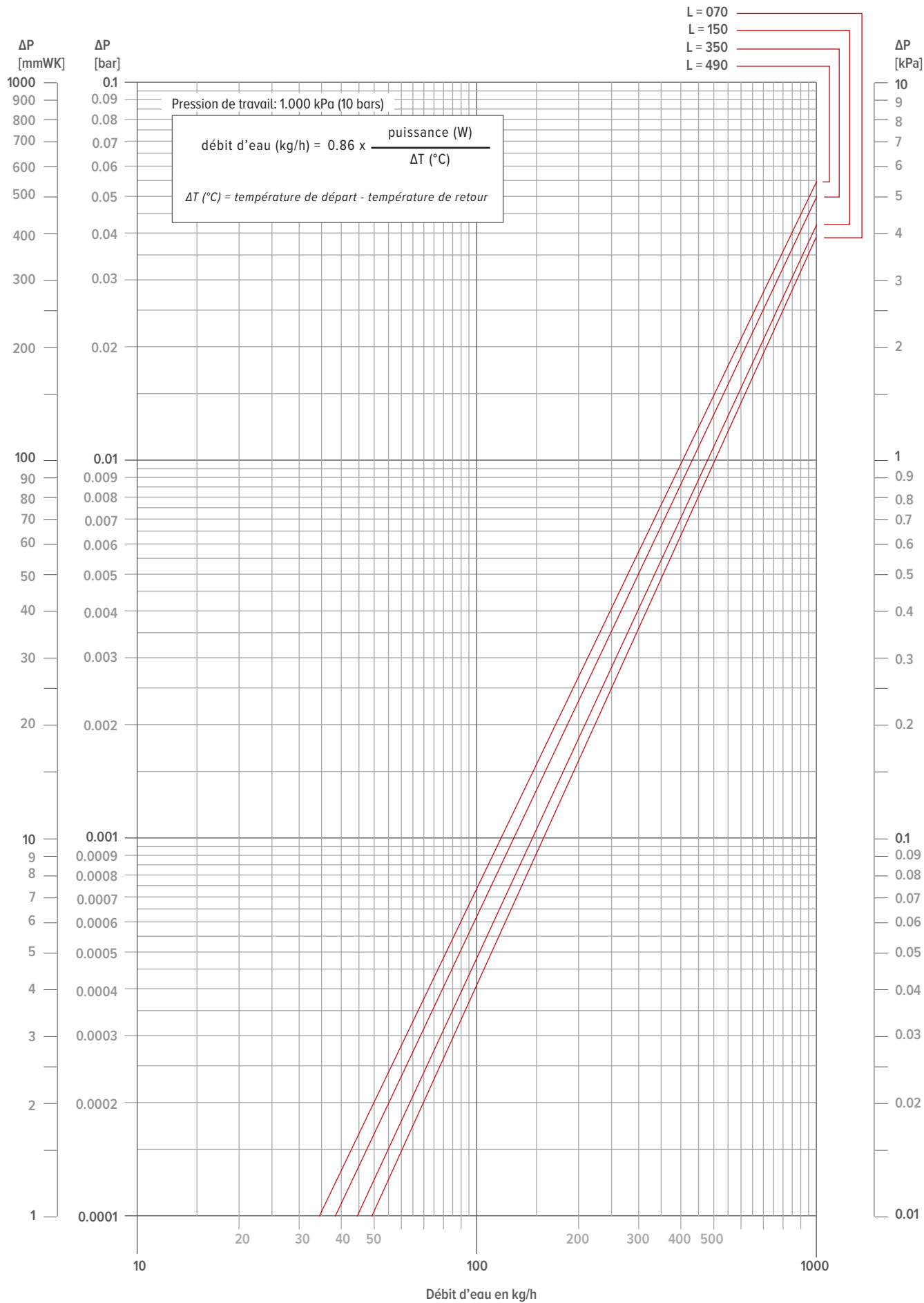


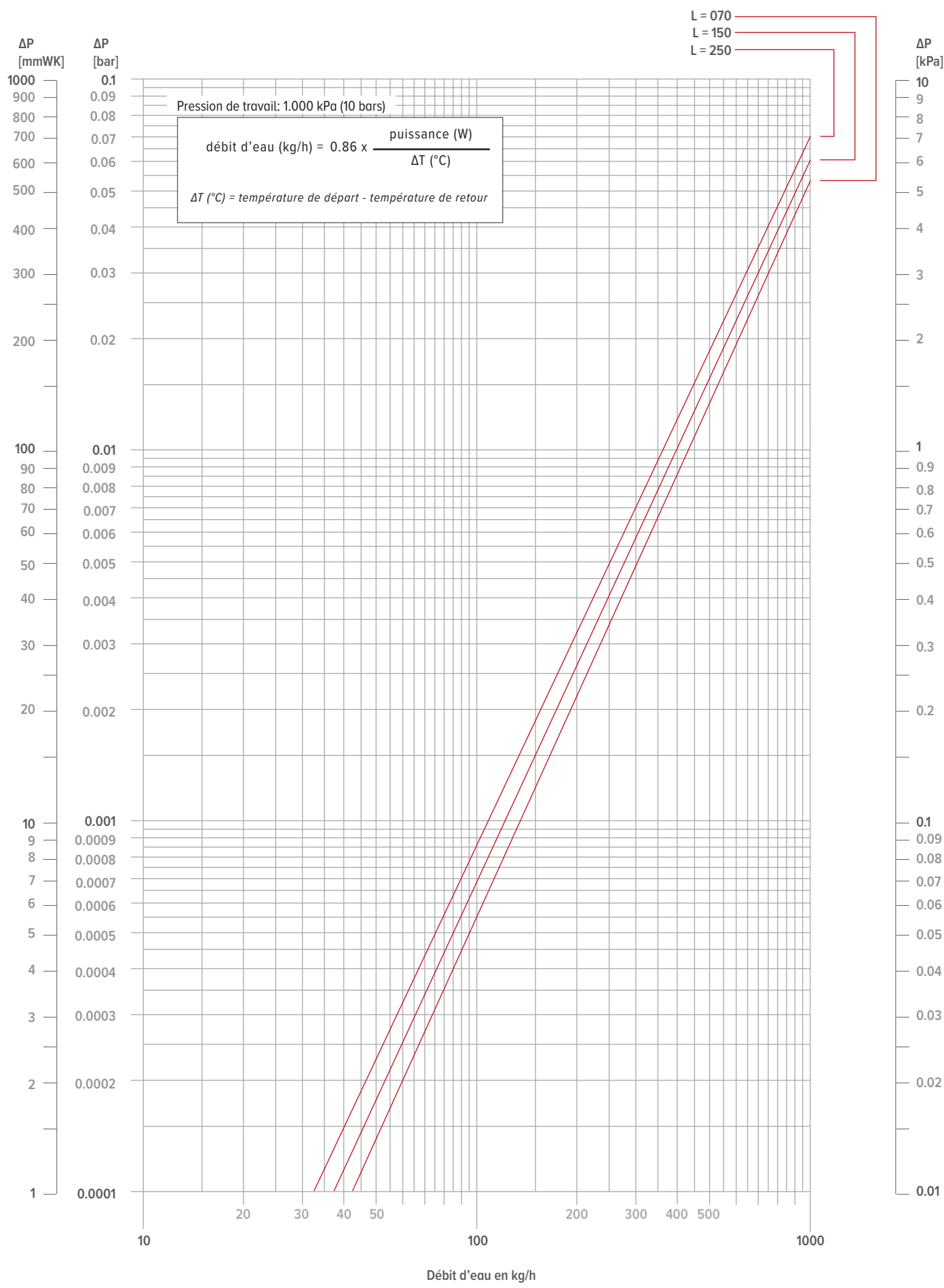














**BELGIQUE JAGA SA**

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