

## MINI FREESTANDING





# MINI FREESTANDING

|                                           |          |                                        |           |
|-------------------------------------------|----------|----------------------------------------|-----------|
| <b>CONTENT</b>                            | <b>3</b> | <b>Technical table adjustable feet</b> | <b>10</b> |
| <b>TECHNICAL INFORMATION</b>              | <b>5</b> | Height 008                             | 10        |
| Dimensions                                | 5        | Height 013                             | 10        |
| Standard delivery                         | 5        | Height 023                             | 11        |
| Colours                                   | 5        | Height 028                             | 11        |
| Height 008 hydronic connection            | 6        | <b>Parts</b>                           | <b>12</b> |
| Standard flow left or right               | 6        | <b>Correction factors</b>              | <b>13</b> |
| Height 013 - 023 -028 hydronic connection | 6        | <b>Pressure drop</b>                   | <b>14</b> |
| Standard: controls below                  | 6        | Type 05                                | 14        |
| Remote controlled                         | 6        | Type 06                                | 15        |
| <b>Most used connection sets</b>          | <b>7</b> | Type 09 other end                      | 16        |
| Height 008                                | 7        | Type 10                                | 17        |
| Height 013- 023 - 028                     | 7        | Type 11                                | 18        |
| <b>Technical table fixed feet</b>         | <b>8</b> | Type 14 other end                      | 19        |
| Height 008                                | 8        | Type 15                                | 20        |
| Height 013                                | 8        | Type 16                                | 21        |
| Height 023                                | 9        | Type 19 other end                      | 22        |
| Height 028                                | 9        | Type 20                                | 23        |
|                                           |          | Type 21                                | 24        |










## CLIMATE DESIGNERS

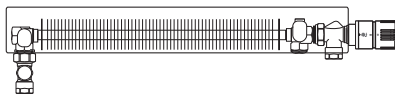
## MINI FREESTANDING HEIGHT 008

## HYDRONIC CONNECTION

### STANDARD: OPPOSITE END CONNECTIONS, FLOW LEFT OR RIGHT

Bottom left or right, to the wall or to the floor. Wall connection via underside of casing. Wall connection inside the casing not possible due to the closed back panel. The installer can rotate the heat exchanger to accommodate a left or right-side connection.

Connection to the floor: set 222 or 282



## MINI FREESTANDING HEIGHT 013 - 023 - 028

## HYDRONIC CONNECTION

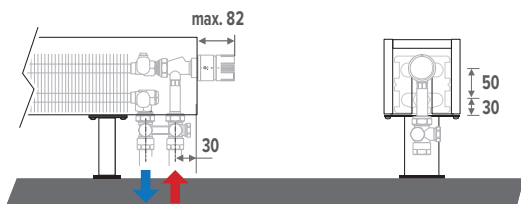
### STANDARD: CONNECTION LEFT OR RIGHT WITH CONTROLS BELOW

Bottom left or right, to the wall or to the floor. Wall connection via underside of casing. Wall connection inside the casing not possible due to the closed back panel.

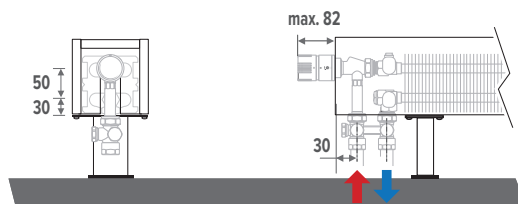
Compatible Eurocone connection sets: 102, 104, 182, 184, 222, 282

Compatible M24 connection sets: 12, 14

#### Example of connection to the right (standard)



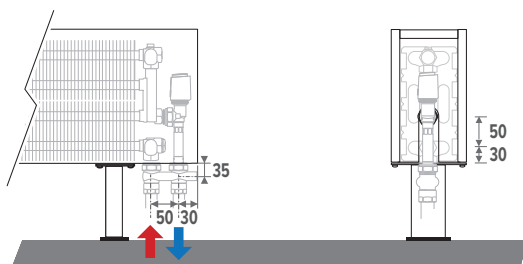
#### Example of connection to the left



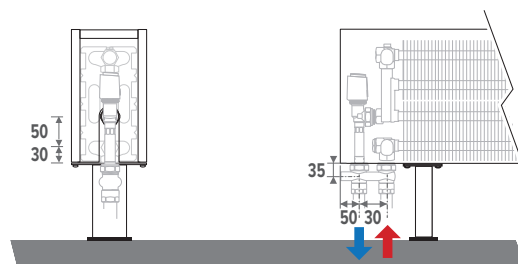
### CONNECTION LEFT OR RIGHT WITH REMOTE CONTROL

Compatible Eurocone connection sets: 112, 114, 116, 118

#### Example of connection to the right (standard)



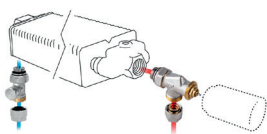
#### Example of connection to the left



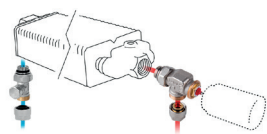
## MINI FREESTANDING HEIGHT 008

### TO THE FLOOR

With Jaga valve



With Gampper Vario DP Dynamic valve



For all other connections: "Connection sets & valves"

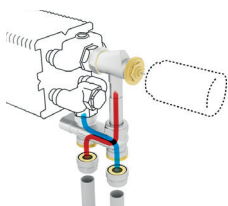
| set 222 KVS: 0.8<br>2-PIPE   |    |  |
|------------------------------|----|--|
| COLO JF2 AW 4...             | AW |  |
| COLO JF2 AC 4...             | AC |  |
| COLO JF2 AB 4...             | AB |  |
| COLO JF2 JH 4...             | JH |  |
| fill in sleeve coupling code |    |  |

| set 282 pressure-independent flow control (20 - 340 l/h)<br>2-PIPE |    |  |
|--------------------------------------------------------------------|----|--|
| COLO GF2 AW 4...                                                   | AW |  |
| COLO GF2 AC 4...                                                   | AC |  |
| COLO GF2 AB 4...                                                   | AB |  |
| COLO GF2 JH 4...                                                   | JH |  |
| fill in sleeve coupling code                                       |    |  |

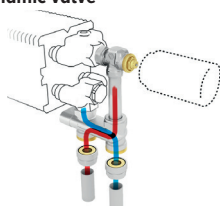
## MINI FREESTANDING HEIGHT 013 - 023 - 028

### TO THE FLOOR - FLOW ON THE INSIDE

With Jaga Crossflow valve

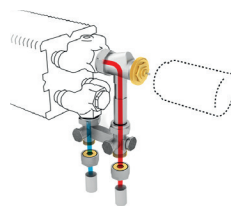


With Gampper Vario DP Dynamic valve

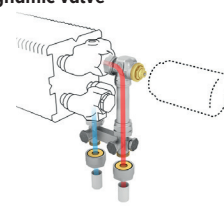


### TO THE FLOOR - FLOW ON THE OUTSIDE

With Jaga H-valve



With Gampper Vario DP Dynamic valve



| set 102 KVS: 0.8<br>2-PIPE   |    |  |
|------------------------------|----|--|
| COLO HBCF AW 4...            | AW |  |
| COLO HBCF AC 4...            | AC |  |
| COLO HBCF AB 4...            | AB |  |
| COLO HBCF JH 4...            | JH |  |
| fill in sleeve coupling code |    |  |

| set 182 pressure-independent flow control (20 - 340 l/h)<br>2-PIPE |    |  |
|--------------------------------------------------------------------|----|--|
| COLO GACF AW 4...                                                  | AW |  |
| COLO GACF AC 4...                                                  | AC |  |
| COLO GACF AB 4...                                                  | AB |  |
| COLO GACF JH 4...                                                  | JH |  |
| fill in sleeve coupling code                                       |    |  |

| set 104 KVS: 0.8<br>TWO PIPE / ONE PIPE |    |  |
|-----------------------------------------|----|--|
| COLO HBSF AW 4...                       | AW |  |
| COLO HBSF AC 4...                       | AC |  |
| COLO HBSF AB 4...                       | AB |  |
| COLO HBSF JH 4...                       | JH |  |
| fill in sleeve coupling code            |    |  |

| set 184 pressure-independent flow control (20 - 340 l/h)<br>2-PIPE |    |  |
|--------------------------------------------------------------------|----|--|
| COLO GASF AW 4...                                                  | AW |  |
| COLO GASF AC 4...                                                  | AC |  |
| COLO GASF AB 4...                                                  | AB |  |
| COLO GASF JH 4...                                                  | JH |  |
| fill in sleeve coupling code                                       |    |  |

### Sleeve couplings 3/4" Eurocone

| PRECISION METAL TUBE |        | SYNTHETIC OR RPE/ALU |        |
|----------------------|--------|----------------------|--------|
| CODE                 | Tube Ø | CODE                 | Tube 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 FREESTANDING FIXED FEET

TECHNICAL TABLE

HEIGHT 008

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

enter code feet  
enter colour code

HEIGHT 013

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



MINI FREESTANDING FIXED FEET

HEIGHT 023

| HEIGHT<br>H<br>cm | LENGTH<br>L<br>cm | TYPE<br>T | HEATING<br>Room temp.20°C |       |       |       |                        | ORDER CODE             |
|-------------------|-------------------|-----------|---------------------------|-------|-------|-------|------------------------|------------------------|
|                   |                   |           | 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 |
|                   | 070               | ---       | ---                       | ---   | ---   | ---   | ---                    | ---                    |
|                   |                   | 11        | 94                        | 222   | 296   | 333   | 701                    | MINF 023 070 11 XXX XX |
|                   |                   | 16        | 120                       | 287   | 385   | 432   | 916                    | MINF 023 070 16 XXX XX |
|                   | 080               | ---       | ---                       | ---   | ---   | ---   | ---                    | ---                    |
|                   |                   | 11        | 107                       | 253   | 339   | 381   | 802                    | MINF 023 080 11 XXX XX |
|                   |                   | 16        | 137                       | 327   | 439   | 494   | 1046                   | MINF 023 080 16 XXX XX |
|                   | 090               | ---       | ---                       | ---   | ---   | ---   | ---                    | ---                    |
| 11                |                   | 121       | 285                       | 381   | 428   | 902   | MINF 023 090 11 XXX XX |                        |
| 16                |                   | 155       | 368                       | 494   | 555   | 1177  | MINF 023 090 16 XXX XX |                        |
| 100               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 134       | 317                       | 424   | 476   | 1002  | MINF 023 100 11 XXX XX |                        |
|                   | 16                | 172       | 409                       | 549   | 617   | 1308  | MINF 023 100 16 XXX XX |                        |
| 110               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 147       | 348                       | 466   | 523   | 1102  | MINF 023 110 11 XXX XX |                        |
|                   | 16                | 189       | 450                       | 604   | 679   | 1439  | MINF 023 110 16 XXX XX |                        |
| 120               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 161       | 380                       | 508   | 571   | 1202  | MINF 023 120 11 XXX XX |                        |
|                   | 16                | 206       | 491                       | 659   | 741   | 1570  | MINF 023 120 16 XXX XX |                        |
| 140               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 188       | 443                       | 593   | 666   | 1403  | MINF 023 140 11 XXX XX |                        |
|                   | 16                | 241       | 573                       | 769   | 864   | 1831  | MINF 023 140 16 XXX XX |                        |
| 160               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 214       | 507                       | 678   | 761   | 1603  | MINF 023 160 11 XXX XX |                        |
|                   | 16                | 275       | 655                       | 879   | 988   | 2093  | MINF 023 160 16 XXX XX |                        |
| 180               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 241       | 570                       | 763   | 857   | 1804  | MINF 023 180 11 XXX XX |                        |
|                   | 16                | 309       | 737                       | 988   | 1111  | 2354  | MINF 023 180 16 XXX XX |                        |
| 200               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 268       | 633                       | 847   | 952   | 2004  | MINF 023 200 11 XXX XX |                        |
|                   | 16                | 344       | 819                       | 1098  | 1234  | 2616  | MINF 023 200 16 XXX XX |                        |
| 220               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 295       | 697                       | 932   | 1047  | 2204  | MINF 023 220 11 XXX XX |                        |
|                   | 16                | 378       | 901                       | 1208  | 1358  | 2878  | MINF 023 220 16 XXX XX |                        |
| 240               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 321       | 760                       | 1017  | 1142  | 2405  | MINF 023 240 11 XXX XX |                        |
|                   | 16                | 413       | 983                       | 1318  | 1481  | 3139  | MINF 023 240 16 XXX XX |                        |
| 260               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 348       | 823                       | 1102  | 1237  | 2605  | MINF 023 260 11 XXX XX |                        |
|                   | 16                | 447       | 1065                      | 1428  | 1605  | 3401  | MINF 023 260 16 XXX XX |                        |
| 280               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 375       | 887                       | 1187  | 1332  | 2806  | MINF 023 280 11 XXX XX |                        |
|                   | 16                | 481       | 1146                      | 1538  | 1728  | 3662  | MINF 023 280 16 XXX XX |                        |
| 300               | ---               | ---       | ---                       | ---   | ---   | ---   | ---                    |                        |
|                   | 11                | 402       | 950                       | 1271  | 1427  | 3006  | MINF 023 300 11 XXX XX |                        |
|                   | 16                | 516       | 1228                      | 1648  | 1852  | 3924  | MINF 023 300 16 XXX XX |                        |

enter code feet  
enter colour code

TECHNICAL TABLE

HEIGHT 028

| HEIGHT<br>H<br>cm | LENGTH<br>L<br>cm | TYPE<br>T | HEATING<br>Room temp. 20°C |       |       |                        |                        | ORDER CODE |
|-------------------|-------------------|-----------|----------------------------|-------|-------|------------------------|------------------------|------------|
|                   |                   |           | 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 |                        |            |

# MINI FREESTANDING ADJUSTABLE FEET TECHNICAL TABLE

## HEIGHT 008

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

enter code feet  
enter colour code

## HEIGHT 013

| HEIGHT<br>H<br>cm | LENGTH<br>L<br>cm | TYPE<br>T | HEATING<br>Room temp.20°C |       |       |       |       | ORDER CODE             |
|-------------------|-------------------|-----------|---------------------------|-------|-------|-------|-------|------------------------|
|                   |                   |           | 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 05    | 32                        | 74    | 99    | 111   | 230   | MINF 013 070 05 XXX XX |
| 070 10            | 070               | 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 |
| 080 10            | 080               | 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 |
| 090 10            | 090               | 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 |
| 100 10            | 100               | 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 |
| 110 10            | 110               | 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 |
| 120 10            | 120               | 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 |
| 140 10            | 140               | 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 |
| 160 10            | 160               | 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 |
| 180 10            | 180               | 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 |
| 200 10            | 200               | 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 |
| 220 10            | 220               | 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 |
| 240 10            | 240               | 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 |
| 260 10            | 260               | 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 |
| 280 10            | 280               | 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 |
| 300 10            | 300               | 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 |





MINI FREESTANDING

PARTS

CASING



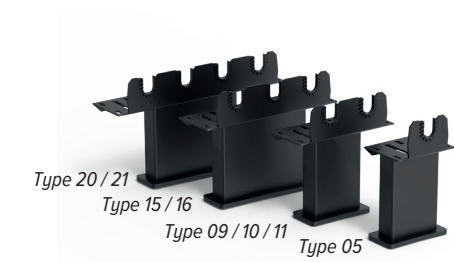
- STANDARD DELIVERY:
- pre-assembled casing
  - colour 133, 001 or 145; extra cost different colour

ORDER CODE

CMIN 008 060 09 XXX

Colour  
Type  
Length  
HEIGHT

FIXED FEET



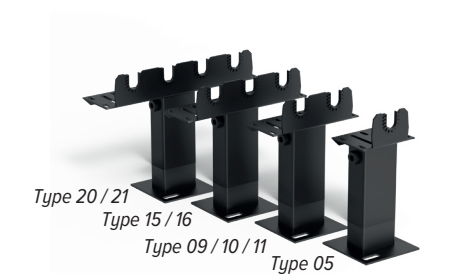
- number of feet for casing
- from 060 to 160 cm: at least 2 units
  - from 180 to 300 cm: at least 3 units
- HEIGHT foot:
- FS: height 65 mm (only for Mini H008 and H013)
  - FM: height 100 mm
  - FL: height 120 mm

ORDER CODE

5205 000 000 09 XXX FS

Foot  
Colour  
Type

ADJUSTABLE FEET



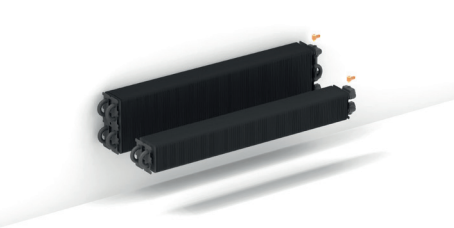
- number of feet for casing
- from 060 to 160 cm: at least 2 units
  - from 180 to 300 cm: at least 3 units
- HEIGHT foot:
- AS: height 135 mm tot 210 mm
  - AL: height 215 mm tot 340 mm

ORDER CODE

5205 000 000 09 XXX AS

Foot  
Colour  
Type

HEAT EXCHANGER



- STANDARD DELIVERY:
- heat exchanger including air vent and drain cock

ORDER CODE

5003 000 060 05 BS9

Type of heat exchanger  
Length

Overview types of heat exchangers

|                          | Mini<br>Type 05                                                                               | Mini<br>Type 09                                                                                | Mini<br>Type 10                                                                                | Mini<br>Type 11                                                                                | Mini<br>Type 15                                                                                | Mini<br>Type 16                                                                                  | Mini<br>Type 20                                                                                  | Mini<br>Type 21                                                                                  |
|--------------------------|-----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| Height 008               |                                                                                               | <br>Type 09 |                                                                                                |                                                                                                |                                                                                                |                                                                                                  |                                                                                                  |                                                                                                  |
| Height 013               | <br>Type 5 |                                                                                                | <br>Type 10 |                                                                                                | <br>Type 15 |                                                                                                  | <br>Type 20 |                                                                                                  |
| Height 023<br>Height 028 |                                                                                               |                                                                                                |                                                                                                | <br>Type 11 |                                                                                                | <br>Type 16 |                                                                                                  | <br>Type 21 |

## MINI FREESTANDING

## CORRECTION FACTORS

The indicated outputs at  $\Delta T$  50 are exact values, measured in accordance with EN442. This table provides a calculated value using an average correction factor for all other  $\Delta T$  outputs, valid for all dimensions.

Click [www.jaga.com/selection-tools/](http://www.jaga.com/selection-tools/) to download the calculation tools with the exact outputs. The online calculation tools are kept up to date with the most recent data. Minor output differences between printed tables and the different online calculation tools are therefore completely normal and within the margins of tolerance imposed by the standard.

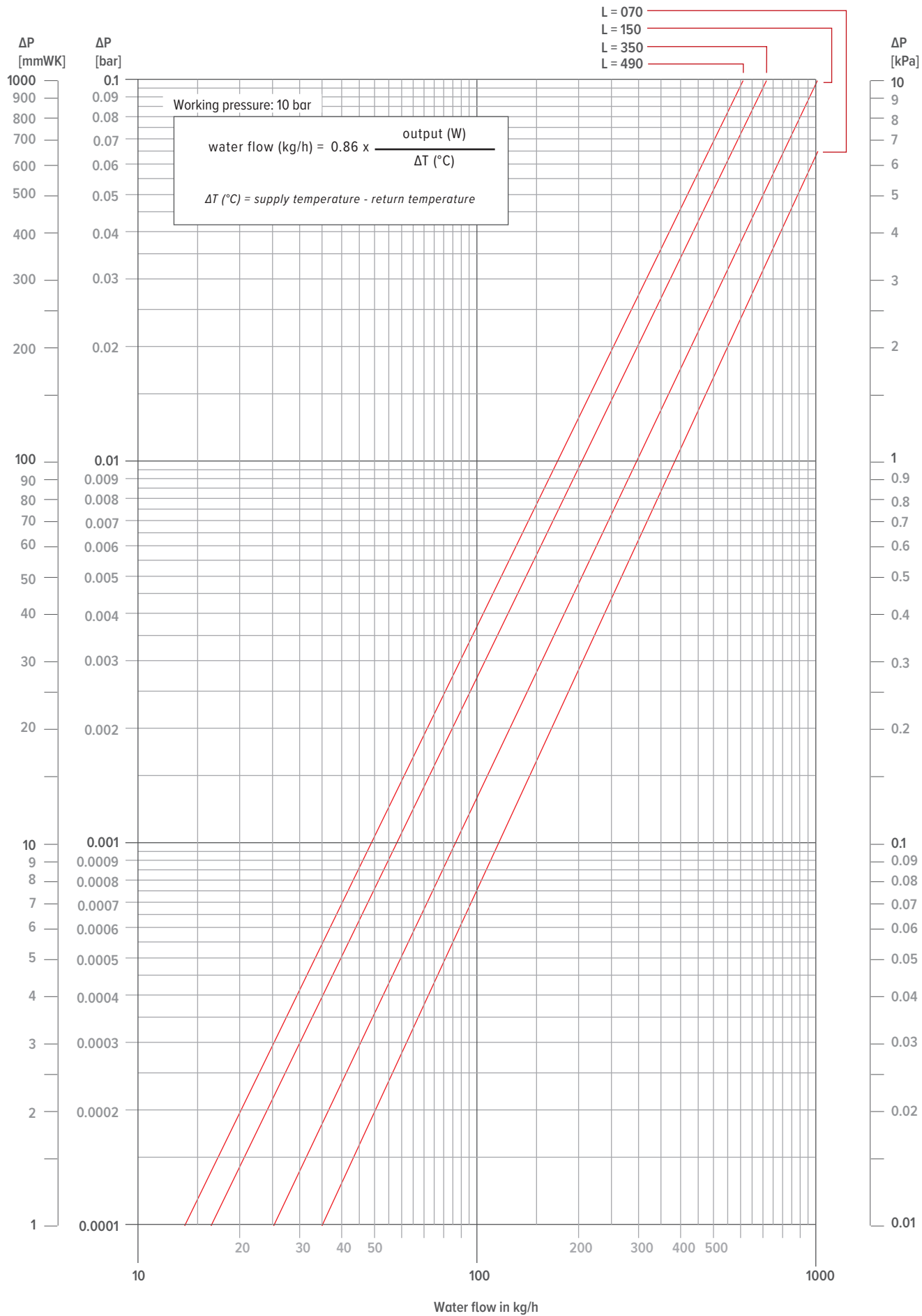
### AVERAGE CORRECTION FACTORS FOR STATIC PRODUCTS ACCORDING TO EN442 - 75/65/20°C

| room temperature: 20°C |      | Average N-value: 1.36 |      |      |      |      |      |      |      |      |
|------------------------|------|-----------------------|------|------|------|------|------|------|------|------|
|                        | TR   | 65                    | 60   | 55   | 50   | 45   | 40   | 35   | 30   | 25   |
| TA                     |      |                       |      |      |      |      |      |      |      |      |
| 75                     | 1.00 | 0.93                  | 0.85 | 0.77 | 0.69 | 0.61 | 0.52 | 0.42 | 0.31 |      |
| 70                     |      | 0.94                  | 0.87 | 0.79 | 0.72 | 0.64 | 0.56 | 0.48 | 0.39 | 0.28 |
| 65                     |      |                       | 0.80 | 0.74 | 0.67 | 0.60 | 0.52 | 0.44 | 0.35 | 0.25 |
| 60                     |      |                       |      | 0.68 | 0.61 | 0.55 | 0.48 | 0.40 | 0.32 | 0.23 |
| 55                     |      |                       |      |      | 0.56 | 0.50 | 0.43 | 0.36 | 0.29 | 0.20 |
| 50                     |      |                       |      |      |      | 0.44 | 0.38 | 0.32 | 0.25 | 0.18 |
| 45                     |      |                       |      |      |      |      | 0.34 | 0.28 | 0.22 | 0.15 |
| 40                     |      |                       |      |      |      |      |      | 0.24 | 0.19 | 0.13 |
| 35                     |      |                       |      |      |      |      |      |      | 0.15 | 0.10 |
| 30                     |      |                       |      |      |      |      |      |      |      | 0.07 |

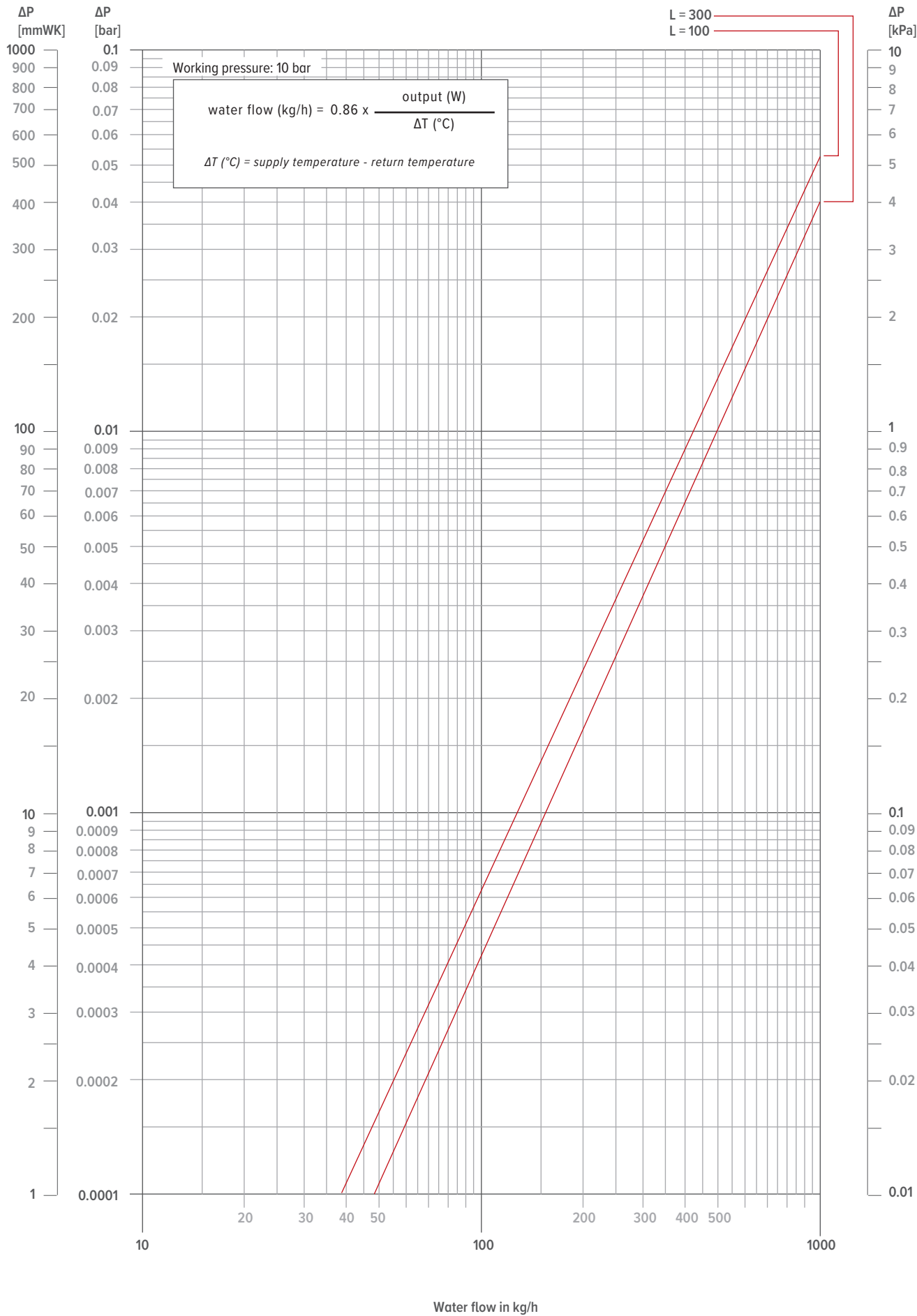
| room temperature: 24°C |    | Average N-value: 1.36 |      |      |      |      |      |      |      |      |
|------------------------|----|-----------------------|------|------|------|------|------|------|------|------|
|                        | TR | 65                    | 60   | 55   | 50   | 45   | 40   | 35   | 30   | 25   |
| TA                     |    |                       |      |      |      |      |      |      |      |      |
| 75                     |    | 0.89                  | 0.82 | 0.75 | 0.67 | 0.59 | 0.51 | 0.41 | 0.31 | 0.16 |
| 70                     |    | 0.83                  | 0.76 | 0.69 | 0.62 | 0.54 | 0.47 | 0.38 | 0.28 | 0.14 |
| 65                     |    |                       | 0.70 | 0.64 | 0.57 | 0.50 | 0.43 | 0.35 | 0.25 | 0.12 |
| 60                     |    |                       |      | 0.58 | 0.52 | 0.45 | 0.38 | 0.31 | 0.23 | 0.11 |
| 55                     |    |                       |      |      | 0.47 | 0.41 | 0.34 | 0.28 | 0.20 | 0.09 |
| 50                     |    |                       |      |      |      | 0.36 | 0.30 | 0.24 | 0.17 | 0.08 |
| 45                     |    |                       |      |      |      |      | 0.26 | 0.20 | 0.14 | 0.06 |
| 40                     |    |                       |      |      |      |      |      | 0.17 | 0.12 | 0.05 |
| 35                     |    |                       |      |      |      |      |      |      | 0.09 | 0.03 |
| 30                     |    |                       |      |      |      |      |      |      |      | 0.02 |

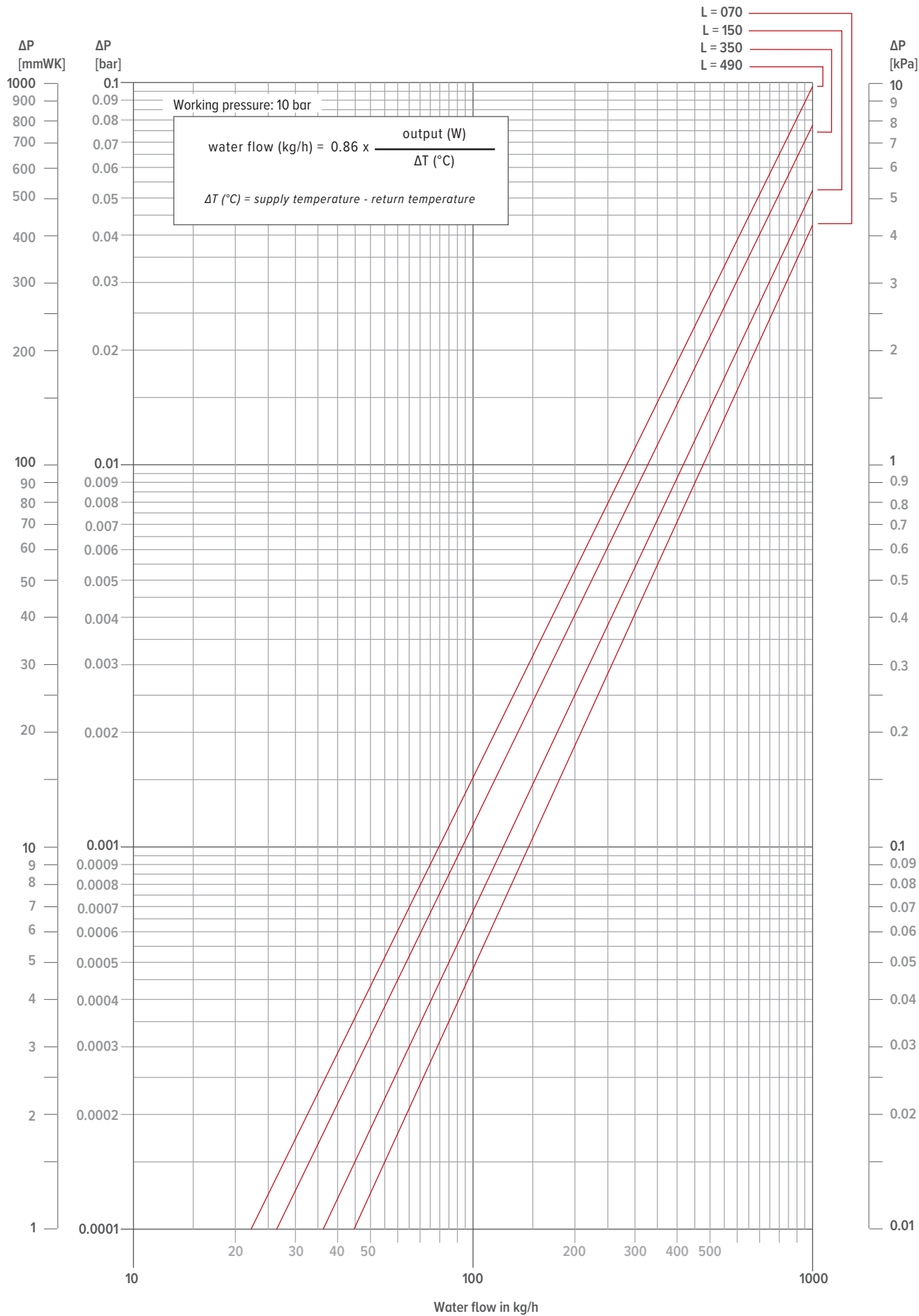
## GUIDELINE FOR LIMITING FLOW NOISE

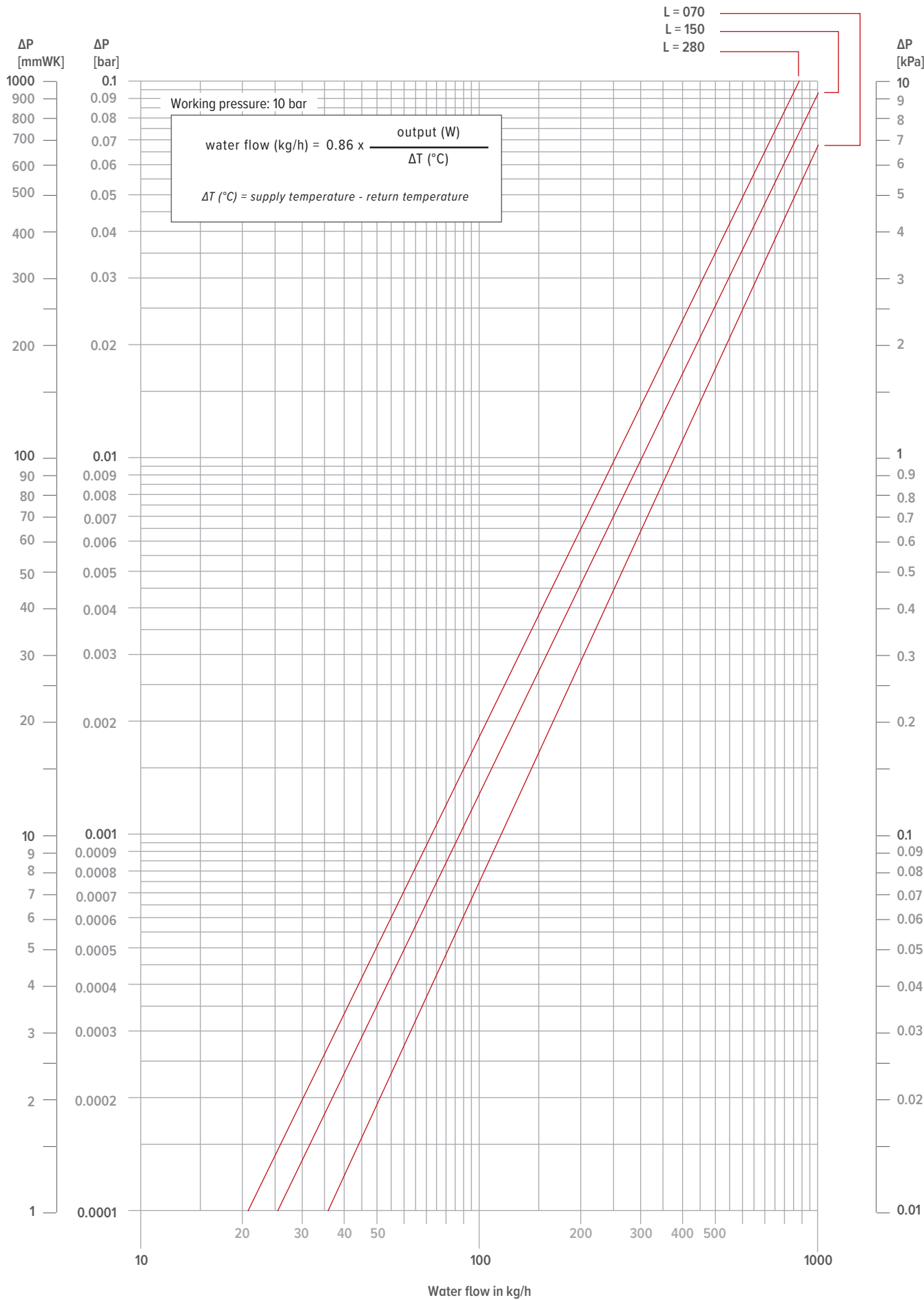
| TUBE                     | outer Ø | Wall thick-<br>ness | Max. water<br>speed<br>(EN10255) | water content<br>per metre | max. water<br>flow | Maximum power at ΔT (° C) (T supply - T return) |        |       |       |       |       |       |
|--------------------------|---------|---------------------|----------------------------------|----------------------------|--------------------|-------------------------------------------------|--------|-------|-------|-------|-------|-------|
|                          |         |                     |                                  |                            |                    | 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               |                                                 |        |       |       |       |       |       |
| GALVANISED PIPE 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 |
| PRECISION METAL TUBE     |         |                     |                                  |                            |                    |                                                 |        |       |       |       |       |       |
| 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  |
| RPE/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 |

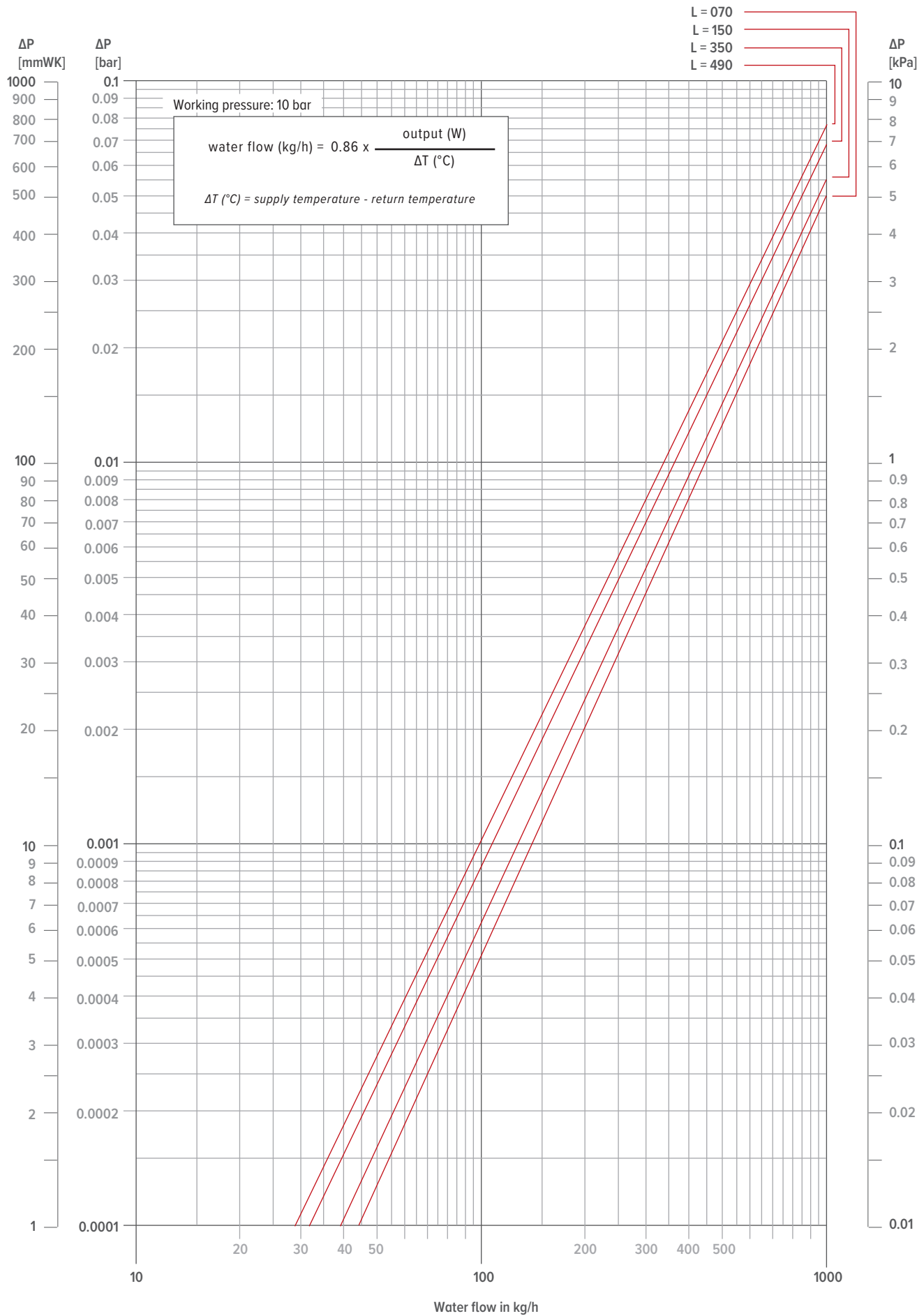




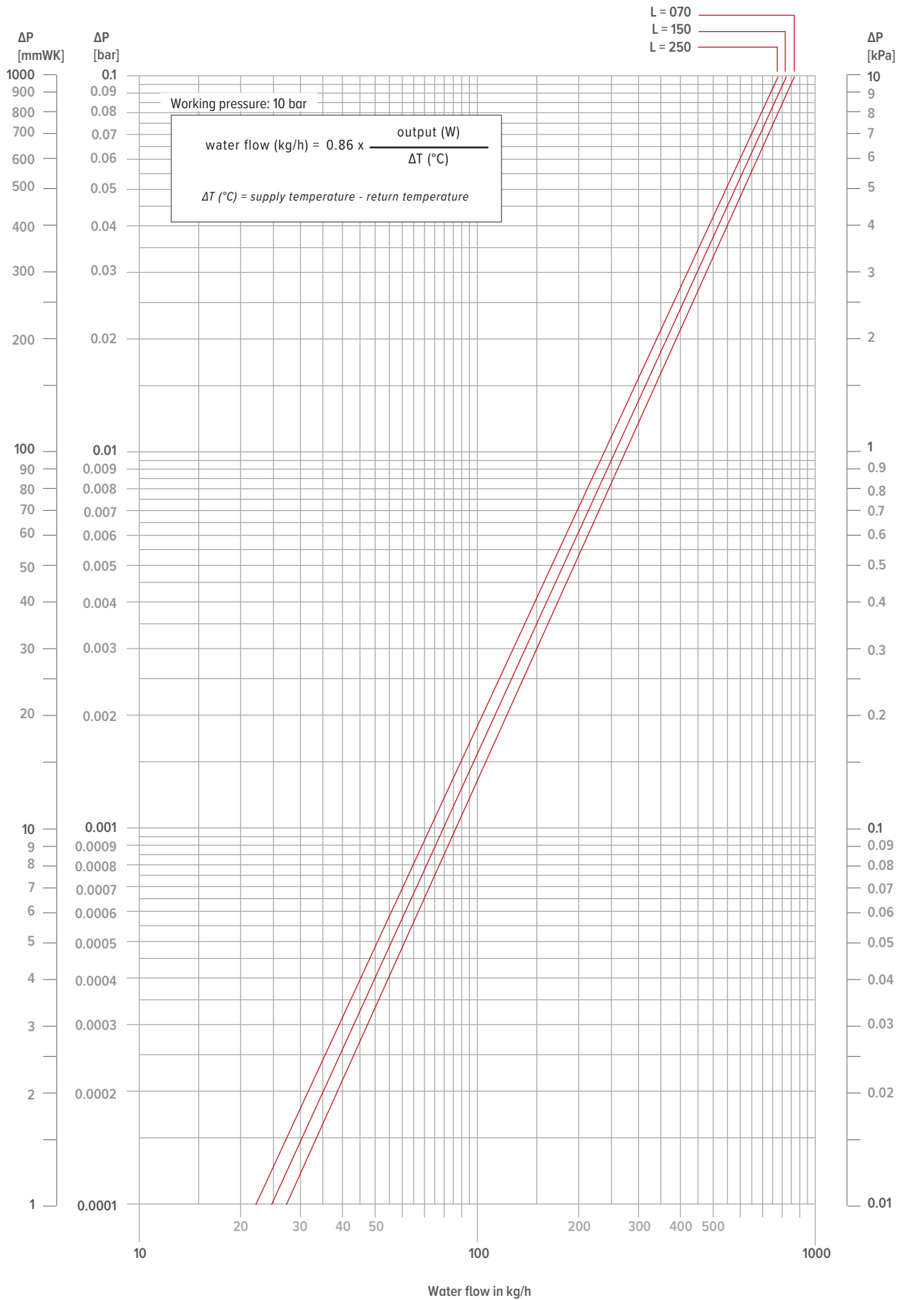


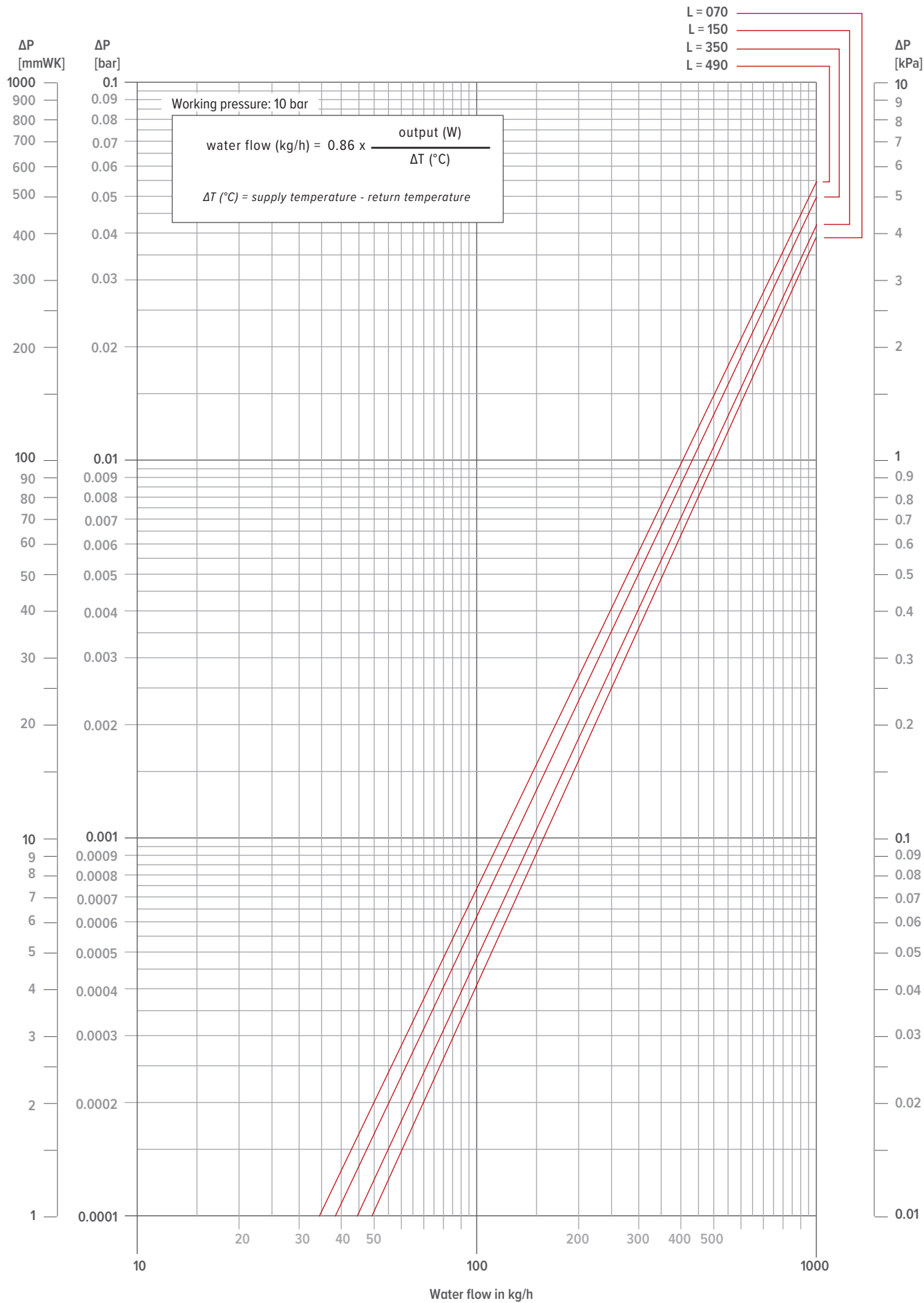


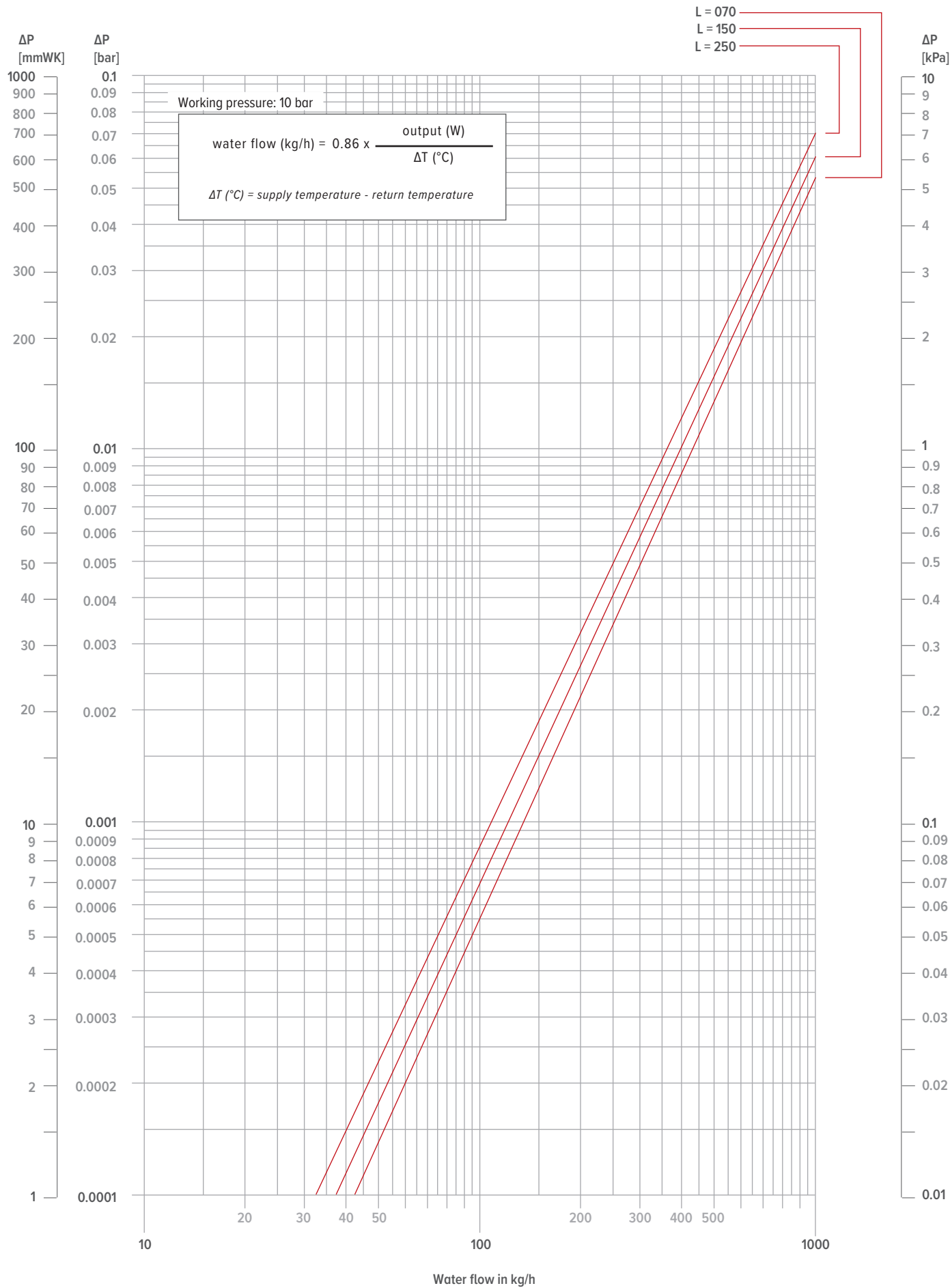














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