

**jaga**  
CLIMATE DESIGNERS



## LINEA PLUS FREESTANDING





# LINEA PLUS FREESTANDING

|                                                         |          |
|---------------------------------------------------------|----------|
| <b>CONTENT</b>                                          | <b>3</b> |
| <b>TECHNICAL INFORMATION</b>                            | <b>5</b> |
| Dimensions                                              | 5        |
| Standard delivery                                       | 5        |
| Colours                                                 | 5        |
| Options                                                 | 5        |
| Hydronic connection                                     | 6        |
| Connection left or right with controls below (Standard) | 6        |
| Connection left or right with remote control            | 6        |
| Technical table                                         | 7        |
| Height 020                                              | 7        |
| Height 035                                              | 8        |
| Parts                                                   | 10       |
| Correction factors                                      | 12       |
| Pressure drop                                           | 13       |
| Type 10                                                 | 13       |
| Type 11                                                 | 14       |
| Type 15                                                 | 15       |
| Type 16                                                 | 16       |
| Type 20                                                 | 17       |
| Type 21                                                 | 18       |

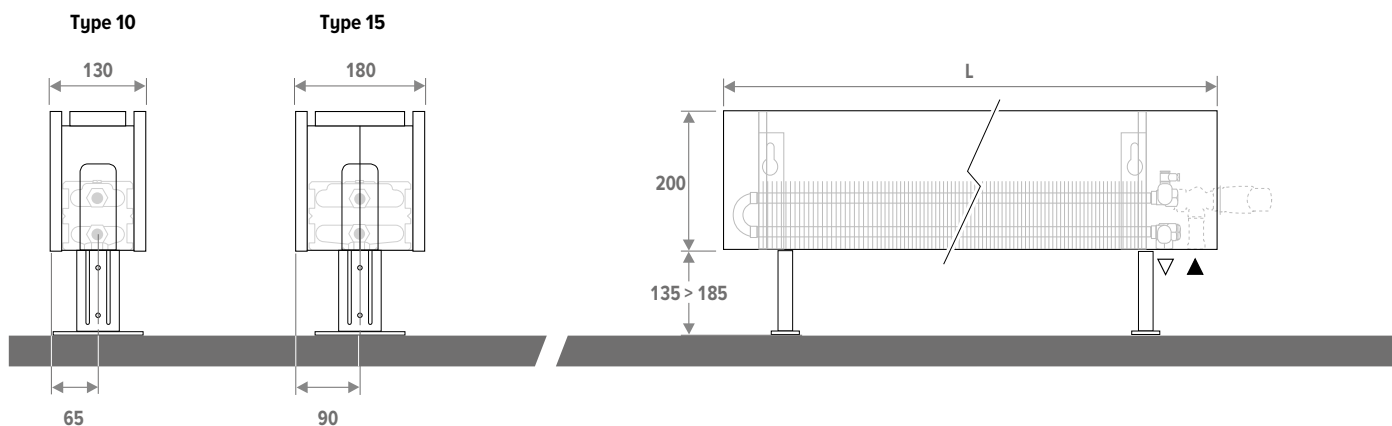


# LINEA PLUS FREESTANDING

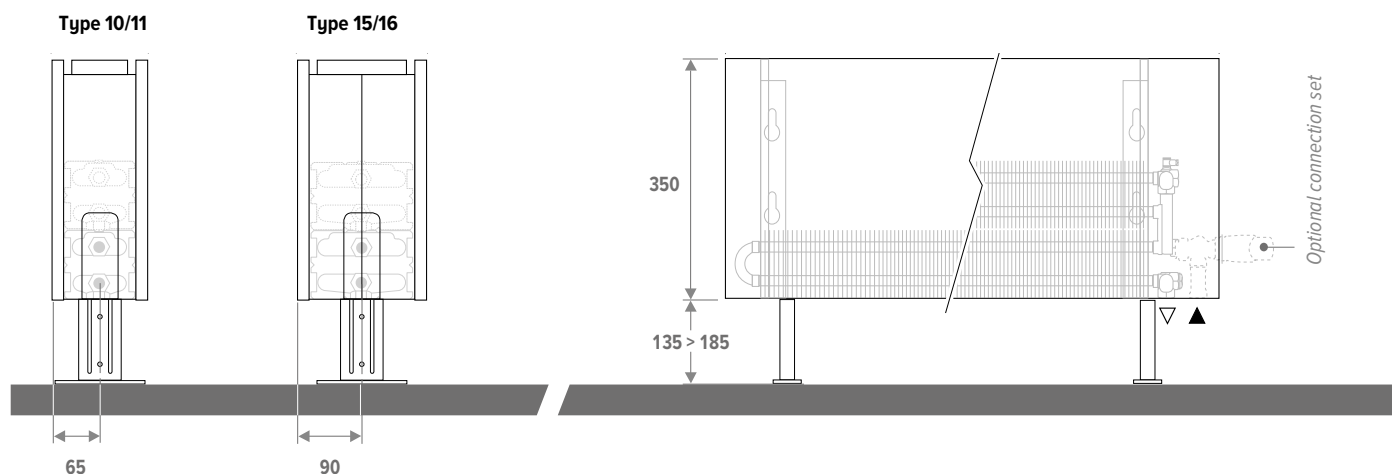


## DIMENSIONS (in mm)

### Height 020



### Height 035



## STANDARD DELIVERY

- Low-H<sub>2</sub>O heat exchanger, with dirt and dust repellent coating in graphite grey (RAL 7024)
- standard adjustable feet in neutral grey
- air vent elbow 1/8" and drain plug 1/2"
- connection at the bottom left or right

## COLOURS

Eco-friendly, scratch-resistant powder coating with high UV-resistance

### Standard colours

- traffic white RAL 9016 (133), soft touch lightly structured satin lacquer
- sandblast grey (001), fine texture metallic lak
- off-black (145), soft touch lightly-textured satin lacquer

### Other colours

see Jaga colour chart.

Surcharge depends on the length of the unit:

- Length < 100 cm
- Length of 100 cm to 200 cm
- Length > 200 cm

## OPTIONS

### Feet in the same colour as the casing

For feet in the same colour as the casing, repeat the colour code after the code of the radiator

ex.: LINF 020 050 10 XXX **XXX**

Surcharge depends on the length of the unit:

- Length 050 > 110: 2 feet
- Length 120 > 220: 3 feet
- Length 240 > 300: 4 feet

### Extended adjustable feet

- For extended feet in neutral grey, add AL to the ordering code

ex.: LINF 020 050 10 XXX **AL**

- For extended feet in the same colour as the casing, add AL to the ordering code and repeat the colour code.

ex.: LINF 020 050 10 XXX **AL XXX**

Surcharge depends on the length of the unit:

- Length 050 > 110: 2 feet
- Length 120 > 220: 3 feet
- Length 240 > 300: 4 feet

## ORDER CODE

LINF 020 050 10 XXX AS

Foot  
Colour  
Type  
Length  
Height

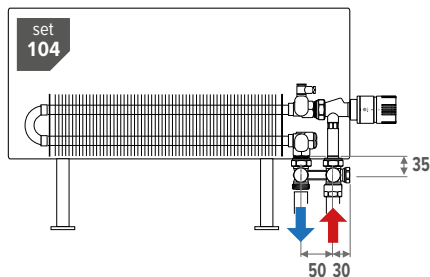
## STANDARD: CONNECTION LEFT OR RIGHT WITH CONTROLS BELOW

Left or right downwards, to the wall or to the floor. Wall connection from the underside of the panelling or completely concealed within the panelling. The installer can rotate the heat exchanger to accommodate a left or right-side connection.

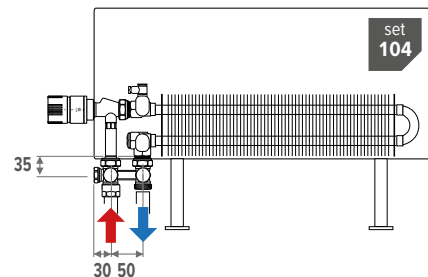
Compatible Eurocone connection sets: 102, 104, 182, 184, 282

Compatible M24 connection sets: 12, 14

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



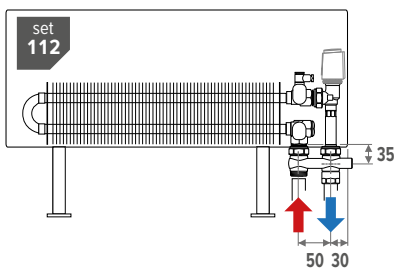
### Example of connection to the left



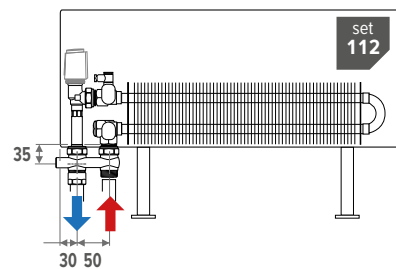
## CONNECTION LEFT OR RIGHT WITH REMOTE CONTROL

Compatible Eurocone connection sets: 112, 114

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



### Example of connection to the left

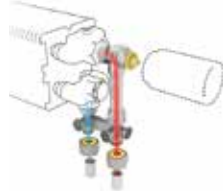


## To the floor - Flow on the outside

With Jaga H-valve

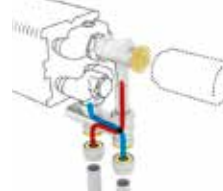


With Gampper Vario DP Dynamic valve

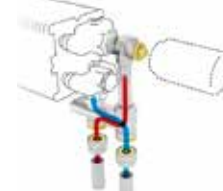


## To the floor - Flow on the inside

With Jaga Crossflow valve



With Gampper Vario DP Dynamic valve



| set 104                      | KVS: 0.8 |  |
|------------------------------|----------|--|
| COLO HBSF AC 4...            | AC       |  |
| COLO HBSF AW 4...            | AW       |  |
| COLO HBSF AS 4...            | AS       |  |
| COLO HBSF AB 4...            | AB       |  |
| COLO HBSF JH 4...            | JH       |  |
| fill in sleeve coupling code |          |  |

| set 184                      | automatic flow limiter (20 - 340 l/h) |  |
|------------------------------|---------------------------------------|--|
| COLO GASF AC 4...            | AC                                    |  |
| COLO GASF AW 4...            | AW                                    |  |
| COLO GASF AS 4...            | AS                                    |  |
| COLO GASF AB 4...            | AB                                    |  |
| COLO GASF JH 4...            | JH                                    |  |
| fill in sleeve coupling code |                                       |  |

| set 102                      | KVS: 0.8 |  |
|------------------------------|----------|--|
| COLO HBCF AC 4...            | AC       |  |
| COLO HBCF AW 4...            | AW       |  |
| COLO HBCF AS 4...            | AS       |  |
| COLO HBCF AB 4...            | AB       |  |
| COLO HBCF JH 4...            | JH       |  |
| fill in sleeve coupling code |          |  |

| set 182                      | automatic flow limiter (20 - 340 l/h) |  |
|------------------------------|---------------------------------------|--|
| COLO GACF AC 4...            | AC                                    |  |
| COLO GACF AW 4...            | AW                                    |  |
| COLO GACF AS 4...            | AS                                    |  |
| COLO GACF AB 4...            | AB                                    |  |
| COLO GACF 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   |

For extensive information on valves, see the brochure „Connection sets & Valves“

# LINEA PLUS FREESTANDING

## HEIGHT 020 (STANDARD)

| height<br>H<br>cm | LENGTH<br>L<br>cm | TYPE<br>T | HEATING<br>room temperature 20°C |       |       |       |       | WEIGHT<br>kg | WATER CONTENT<br>L | ORDER CODE             |
|-------------------|-------------------|-----------|----------------------------------|-------|-------|-------|-------|--------------|--------------------|------------------------|
|                   |                   |           | 35/30                            | 45/40 | 50/45 | 55/45 | 75/65 |              |                    |                        |
|                   |                   |           | Watts                            | Watts | Watts | Watts | Watts |              |                    |                        |
| LINF 020          | 050               | 10        | 36                               | 86    | 115   | 129   | 271   | 6            | 0.3                | LINF 020 050 10 XXX XX |
|                   |                   | 15        | 66                               | 155   | 206   | 231   | 483   | 7            | 0.5                | LINF 020 050 15 XXX XX |
|                   |                   | 20        | 86                               | 202   | 270   | 303   | 632   | 8            | 0.7                | LINF 020 050 20 XXX XX |
|                   | 060               | 10        | 44                               | 103   | 138   | 155   | 325   | 7            | 0.4                | LINF 020 060 10 XXX XX |
|                   |                   | 15        | 79                               | 186   | 248   | 278   | 580   | 8            | 0.6                | LINF 020 060 15 XXX XX |
|                   |                   | 20        | 104                              | 243   | 324   | 363   | 758   | 9            | 0.8                | LINF 020 060 20 XXX XX |
|                   | 070               | 10        | 51                               | 120   | 161   | 180   | 379   | 8            | 0.5                | LINF 020 070 10 XXX XX |
|                   |                   | 15        | 93                               | 217   | 289   | 324   | 676   | 9            | 0.7                | LINF 020 070 15 XXX XX |
|                   |                   | 20        | 121                              | 283   | 378   | 424   | 885   | 10           | 0.9                | LINF 020 070 20 XXX XX |
|                   | 080               | 10        | 58                               | 137   | 184   | 206   | 433   | 8            | 0.5                | LINF 020 080 10 XXX XX |
|                   |                   | 15        | 106                              | 248   | 330   | 370   | 773   | 10           | 0.8                | LINF 020 080 15 XXX XX |
|                   |                   | 20        | 138                              | 324   | 432   | 484   | 1011  | 11           | 1.1                | LINF 020 080 20 XXX XX |
|                   | 090               | 10        | 66                               | 155   | 207   | 232   | 487   | 9            | 0.6                | LINF 020 090 10 XXX XX |
|                   |                   | 15        | 119                              | 278   | 371   | 416   | 869   | 11           | 0.9                | LINF 020 090 15 XXX XX |
|                   |                   | 20        | 156                              | 364   | 486   | 545   | 1138  | 12           | 1.2                | LINF 020 090 20 XXX XX |
|                   | 100               | 10        | 73                               | 172   | 229   | 258   | 541   | 10           | 0.7                | LINF 020 100 10 XXX XX |
|                   |                   | 15        | 132                              | 310   | 413   | 463   | 966   | 12           | 1.0                | LINF 020 100 15 XXX XX |
|                   |                   | 20        | 173                              | 405   | 540   | 605   | 1264  | 13           | 1.3                | LINF 020 100 20 XXX XX |
|                   | 110               | 10        | 80                               | 189   | 252   | 283   | 595   | 11           | 0.7                | LINF 020 110 10 XXX XX |
|                   |                   | 15        | 146                              | 341   | 454   | 509   | 1063  | 13           | 1.1                | LINF 020 110 15 XXX XX |
|                   |                   | 20        | 190                              | 445   | 593   | 666   | 1390  | 14           | 1.5                | LINF 020 110 20 XXX XX |
|                   | 120               | 10        | 87                               | 206   | 275   | 309   | 649   | 12           | 0.8                | LINF 020 120 10 XXX XX |
|                   |                   | 15        | 159                              | 371   | 495   | 555   | 1159  | 14           | 1.2                | LINF 020 120 15 XXX XX |
|                   |                   | 20        | 207                              | 486   | 648   | 726   | 1517  | 16           | 1.6                | LINF 020 120 20 XXX XX |
|                   | 140               | 10        | 102                              | 240   | 321   | 360   | 757   | 14           | 0.9                | LINF 020 140 10 XXX XX |
|                   |                   | 15        | 185                              | 433   | 578   | 648   | 1352  | 16           | 1.4                | LINF 020 140 15 XXX XX |
|                   |                   | 20        | 242                              | 567   | 756   | 847   | 1770  | 18           | 1.8                | LINF 020 140 20 XXX XX |
|                   | 160               | 10        | 117                              | 275   | 367   | 412   | 866   | 15           | 1.0                | LINF 020 160 10 XXX XX |
|                   |                   | 15        | 212                              | 495   | 660   | 741   | 1546  | 18           | 1.6                | LINF 020 160 15 XXX XX |
|                   |                   | 20        | 276                              | 647   | 863   | 968   | 2022  | 20           | 2.1                | LINF 020 160 20 XXX XX |
|                   | 180               | 10        | 131                              | 309   | 413   | 464   | 974   | 17           | 1.2                | LINF 020 180 10 XXX XX |
|                   |                   | 15        | 238                              | 557   | 743   | 833   | 1739  | 19           | 1.8                | LINF 020 180 15 XXX XX |
|                   |                   | 20        | 311                              | 728   | 971   | 1089  | 2275  | 22           | 2.4                | LINF 020 180 20 XXX XX |
|                   | 200               | 10        | 146                              | 343   | 459   | 515   | 1082  | 18           | 1.3                | LINF 020 200 10 XXX XX |
|                   |                   | 15        | 264                              | 619   | 825   | 925   | 1932  | 21           | 2.0                | LINF 020 200 15 XXX XX |
|                   |                   | 20        | 346                              | 809   | 1079  | 1210  | 2528  | 24           | 2.6                | LINF 020 200 20 XXX XX |
|                   | 220               | 10        | 160                              | 378   | 505   | 567   | 1190  | 20           | 1.4                | LINF 020 220 10 XXX XX |
|                   |                   | 15        | 291                              | 681   | 908   | 1018  | 2125  | 23           | 2.2                | LINF 020 220 15 XXX XX |
|                   |                   | 20        | 380                              | 890   | 1187  | 1331  | 2781  | 26           | 2.9                | LINF 020 220 20 XXX XX |
|                   | 240               | 10        | 175                              | 412   | 551   | 618   | 1298  | 22           | 1.6                | LINF 020 240 10 XXX XX |
|                   |                   | 15        | 317                              | 743   | 990   | 1110  | 2318  | 26           | 2.4                | LINF 020 240 15 XXX XX |
|                   |                   | 20        | 415                              | 971   | 1295  | 1453  | 3034  | 29           | 3.2                | LINF 020 240 20 XXX XX |
|                   | 260               | 10        | 189                              | 446   | 597   | 670   | 1407  | 24           | 1.7                | LINF 020 260 10 XXX XX |
|                   |                   | 15        | 344                              | 805   | 1073  | 1203  | 2512  | 27           | 2.5                | LINF 020 260 15 XXX XX |
|                   |                   | 20        | 449                              | 1052  | 1403  | 1573  | 3286  | 31           | 3.4                | LINF 020 260 20 XXX XX |
|                   | 280               | 10        | 204                              | 481   | 643   | 721   | 1515  | 25           | 1.8                | LINF 020 280 10 XXX XX |
|                   |                   | 15        | 370                              | 867   | 1156  | 1296  | 2705  | 29           | 2.7                | LINF 020 280 15 XXX XX |
|                   |                   | 20        | 484                              | 1133  | 1511  | 1694  | 3539  | 33           | 3.7                | LINF 020 280 20 XXX XX |

EN442 output at 20°C

enter colour code

# LINEA PLUS FREESTANDING

# HEIGHT 035 (STANDARD)

|              | height<br>H | LENGTH<br>L | TYPE<br>T | HEATING<br>room temperature 20°C |       |       |       |       | WEIGHT<br>kg | WATER CONTENT<br>L | ORDER CODE             |
|--------------|-------------|-------------|-----------|----------------------------------|-------|-------|-------|-------|--------------|--------------------|------------------------|
|              |             |             |           | 35/30                            | 45/40 | 50/45 | 55/45 | 75/65 |              |                    |                        |
|              |             |             |           | Watts                            | Watts | Watts | Watts | Watts |              |                    |                        |
| LINF 035 050 | 10          | 15          | 10        | 54                               | 126   | 168   | 188   | 392   | 9            | 0.3                | LINF 035 050 10 XXX XX |
|              |             |             | 15        | 96                               | 220   | 292   | 327   | 673   | 10           | 0.5                | LINF 035 050 15 XXX XX |
|              |             |             | 20        | 125                              | 287   | 381   | 427   | 879   | 12           | 0.7                | LINF 035 050 20 XXX XX |
| 060          | 10          | 15          | 10        | 65                               | 151   | 201   | 226   | 470   | 10           | 0.4                | LINF 035 060 10 XXX XX |
|              |             |             | 15        | 115                              | 264   | 351   | 392   | 808   | 11           | 0.6                | LINF 035 060 15 XXX XX |
|              |             |             | 20        | 150                              | 345   | 457   | 512   | 1055  | 13           | 0.8                | LINF 035 060 20 XXX XX |
| 070          | 10          | 15          | 10        | 76                               | 176   | 235   | 263   | 548   | 11           | 0.5                | LINF 035 070 10 XXX XX |
|              |             |             | 15        | 134                              | 308   | 409   | 457   | 942   | 13           | 0.7                | LINF 035 070 15 XXX XX |
|              |             |             | 20        | 174                              | 402   | 534   | 597   | 1231  | 14           | 0.9                | LINF 035 070 20 XXX XX |
| 080          | 10          | 15          | 10        | 86                               | 201   | 268   | 301   | 626   | 12           | 0.5                | LINF 035 080 10 XXX XX |
|              |             |             | 15        | 153                              | 352   | 467   | 523   | 1077  | 14           | 0.8                | LINF 035 080 15 XXX XX |
|              |             |             | 20        | 199                              | 460   | 610   | 682   | 1406  | 15           | 1.1                | LINF 035 080 20 XXX XX |
| 090          | 10          | 15          | 10        | 97                               | 227   | 302   | 339   | 705   | 13           | 0.6                | LINF 035 090 10 XXX XX |
|              |             |             | 15        | 172                              | 396   | 525   | 588   | 1211  | 15           | 0.9                | LINF 035 090 15 XXX XX |
|              |             |             | 20        | 224                              | 517   | 686   | 768   | 1582  | 17           | 1.2                | LINF 035 090 20 XXX XX |
| 100          | 10          | 15          | 10        | 108                              | 252   | 336   | 376   | 783   | 14           | 0.7                | LINF 035 100 10 XXX XX |
|              |             |             | 15        | 191                              | 440   | 584   | 653   | 1346  | 16           | 1.0                | LINF 035 100 15 XXX XX |
|              |             |             | 20        | 249                              | 575   | 762   | 853   | 1758  | 18           | 1.3                | LINF 035 100 20 XXX XX |
| 110          | 10          | 15          | 10        | 119                              | 277   | 369   | 414   | 861   | 15           | 0.7                | LINF 035 110 10 XXX XX |
|              |             |             | 15        | 210                              | 484   | 643   | 719   | 1481  | 17           | 1.1                | LINF 035 110 15 XXX XX |
|              |             |             | 20        | 274                              | 632   | 839   | 938   | 1934  | 19           | 1.5                | LINF 035 110 20 XXX XX |
| 120          | 10          | 15          | 10        | 130                              | 302   | 403   | 451   | 940   | 17           | 0.8                | LINF 035 120 10 XXX XX |
|              |             |             | 15        | 229                              | 528   | 701   | 784   | 1615  | 20           | 1.2                | LINF 035 120 15 XXX XX |
|              |             |             | 20        | 299                              | 690   | 915   | 1024  | 2110  | 22           | 1.6                | LINF 035 120 20 XXX XX |
| 140          | 10          | 15          | 10        | 151                              | 353   | 470   | 526   | 1096  | 19           | 0.9                | LINF 035 140 10 XXX XX |
|              |             |             | 15        | 267                              | 616   | 817   | 915   | 1884  | 22           | 1.4                | LINF 035 140 15 XXX XX |
|              |             |             | 20        | 349                              | 804   | 1067  | 1194  | 2461  | 24           | 1.8                | LINF 035 140 20 XXX XX |
| 160          | 10          | 15          | 10        | 173                              | 403   | 537   | 602   | 1253  | 21           | 1.0                | LINF 035 160 10 XXX XX |
|              |             |             | 15        | 306                              | 705   | 935   | 1046  | 2154  | 24           | 1.6                | LINF 035 160 15 XXX XX |
|              |             |             | 20        | 399                              | 919   | 1220  | 1365  | 2813  | 27           | 2.1                | LINF 035 160 20 XXX XX |
| 180          | 10          | 15          | 10        | 194                              | 453   | 604   | 677   | 1409  | 24           | 1.2                | LINF 035 180 10 XXX XX |
|              |             |             | 15        | 344                              | 793   | 1051  | 1176  | 2423  | 27           | 1.8                | LINF 035 180 15 XXX XX |
|              |             |             | 20        | 448                              | 1034  | 1372  | 1535  | 3164  | 29           | 2.4                | LINF 035 180 20 XXX XX |
| 200          | 10          | 15          | 10        | 216                              | 504   | 671   | 752   | 1566  | 26           | 1.3                | LINF 035 200 10 XXX XX |
|              |             |             | 15        | 382                              | 881   | 1168  | 1307  | 2692  | 29           | 2.0                | LINF 035 200 15 XXX XX |
|              |             |             | 20        | 498                              | 1149  | 1525  | 1706  | 3516  | 32           | 2.6                | LINF 035 200 20 XXX XX |
| 220          | 10          | 15          | 10        | 237                              | 554   | 738   | 828   | 1723  | 28           | 1.4                | LINF 035 220 10 XXX XX |
|              |             |             | 15        | 420                              | 969   | 1285  | 1438  | 2961  | 31           | 2.2                | LINF 035 220 15 XXX XX |
|              |             |             | 20        | 548                              | 1264  | 1677  | 1877  | 3868  | 34           | 2.9                | LINF 035 220 20 XXX XX |
| 240          | 10          | 15          | 10        | 259                              | 604   | 805   | 902   | 1879  | 31           | 1.6                | LINF 035 240 10 XXX XX |
|              |             |             | 15        | 458                              | 1057  | 1401  | 1568  | 3230  | 35           | 2.4                | LINF 035 240 15 XXX XX |
|              |             |             | 20        | 598                              | 1379  | 1829  | 2047  | 4219  | 38           | 3.2                | LINF 035 240 20 XXX XX |
| 260          | 10          | 15          | 10        | 281                              | 655   | 872   | 978   | 2036  | 33           | 1.7                | LINF 035 260 10 XXX XX |
|              |             |             | 15        | 497                              | 1145  | 1519  | 1699  | 3500  | 37           | 2.5                | LINF 035 260 15 XXX XX |
|              |             |             | 20        | 648                              | 1494  | 1982  | 2218  | 4571  | 41           | 3.4                | LINF 035 260 20 XXX XX |
| 280          | 10          | 15          | 10        | 302                              | 705   | 939   | 1053  | 2192  | 35           | 1.8                | LINF 035 280 10 XXX XX |
|              |             |             | 15        | 535                              | 1233  | 1635  | 1830  | 3769  | 39           | 2.7                | LINF 035 280 15 XXX XX |
|              |             |             | 20        | 698                              | 1609  | 2134  | 2388  | 4922  | 43           | 3.7                | LINF 035 280 20 XXX XX |

EN442 output at 20°C

enter colour code

# LINEA PLUS FREESTANDING

## HEIGHT 035 (TWIN)

| height<br>LENGTH<br>TYPE<br>H L T<br>cm cm |     |    | HEATING<br>room temperature 20°C<br>35/30 45/40 50/45 55/45 75/65<br>Watts Watts Watts Watts Watts |      |      |      |      | WEIGHT<br>WATER CONTENT<br>kg L |     | ORDER CODE             |
|--------------------------------------------|-----|----|----------------------------------------------------------------------------------------------------|------|------|------|------|---------------------------------|-----|------------------------|
|                                            |     |    |                                                                                                    |      |      |      |      |                                 |     |                        |
| LINF 035                                   | 050 | 11 | 68                                                                                                 | 163  | 219  | 246  | 524  | 10                              | 0.7 | LINF 035 050 11 XXX XX |
|                                            |     | 16 | 95                                                                                                 | 227  | 306  | 344  | 733  | 12                              | 1.0 | LINF 035 050 16 XXX XX |
|                                            |     | 21 | 115                                                                                                | 278  | 375  | 422  | 907  | 13                              | 1.3 | LINF 035 050 21 XXX XX |
|                                            | 060 | 11 | 82                                                                                                 | 196  | 263  | 296  | 629  | 11                              | 0.8 | LINF 035 060 11 XXX XX |
|                                            |     | 16 | 114                                                                                                | 273  | 366  | 412  | 879  | 13                              | 1.2 | LINF 035 060 16 XXX XX |
|                                            |     | 21 | 138                                                                                                | 333  | 449  | 506  | 1088 | 14                              | 1.6 | LINF 035 060 21 XXX XX |
|                                            | 070 | 11 | 96                                                                                                 | 228  | 307  | 345  | 734  | 12                              | 0.9 | LINF 035 070 11 XXX XX |
|                                            |     | 16 | 133                                                                                                | 318  | 428  | 481  | 1026 | 14                              | 1.4 | LINF 035 070 16 XXX XX |
|                                            |     | 21 | 160                                                                                                | 388  | 524  | 590  | 1269 | 16                              | 1.9 | LINF 035 070 21 XXX XX |
|                                            | 080 | 11 | 109                                                                                                | 261  | 350  | 394  | 838  | 13                              | 1.1 | LINF 035 080 11 XXX XX |
|                                            |     | 16 | 151                                                                                                | 363  | 489  | 550  | 1172 | 16                              | 1.6 | LINF 035 080 16 XXX XX |
|                                            |     | 21 | 183                                                                                                | 444  | 599  | 674  | 1450 | 18                              | 2.1 | LINF 035 080 21 XXX XX |
|                                            | 090 | 11 | 123                                                                                                | 294  | 394  | 443  | 943  | 14                              | 1.2 | LINF 035 090 11 XXX XX |
|                                            |     | 16 | 170                                                                                                | 409  | 550  | 619  | 1319 | 18                              | 1.8 | LINF 035 090 16 XXX XX |
|                                            |     | 21 | 206                                                                                                | 500  | 674  | 759  | 1632 | 19                              | 2.4 | LINF 035 090 21 XXX XX |
|                                            | 100 | 11 | 136                                                                                                | 326  | 438  | 493  | 1048 | 16                              | 1.3 | LINF 035 100 11 XXX XX |
|                                            |     | 16 | 189                                                                                                | 454  | 611  | 687  | 1465 | 19                              | 2.0 | LINF 035 100 16 XXX XX |
|                                            |     | 21 | 229                                                                                                | 555  | 749  | 843  | 1813 | 21                              | 2.7 | LINF 035 100 21 XXX XX |
|                                            | 110 | 11 | 150                                                                                                | 359  | 482  | 542  | 1153 | 17                              | 1.5 | LINF 035 110 11 XXX XX |
|                                            |     | 16 | 208                                                                                                | 500  | 672  | 756  | 1612 | 20                              | 2.2 | LINF 035 110 16 XXX XX |
|                                            |     | 21 | 252                                                                                                | 610  | 823  | 927  | 1994 | 22                              | 2.9 | LINF 035 110 21 XXX XX |
|                                            | 120 | 11 | 164                                                                                                | 392  | 526  | 592  | 1258 | 19                              | 1.6 | LINF 035 120 11 XXX XX |
|                                            |     | 16 | 227                                                                                                | 545  | 733  | 824  | 1758 | 23                              | 2.4 | LINF 035 120 16 XXX XX |
|                                            |     | 21 | 275                                                                                                | 666  | 898  | 1012 | 2176 | 25                              | 3.2 | LINF 035 120 21 XXX XX |
|                                            | 140 | 11 | 191                                                                                                | 457  | 613  | 690  | 1467 | 22                              | 1.9 | LINF 035 140 11 XXX XX |
|                                            |     | 16 | 265                                                                                                | 636  | 855  | 962  | 2051 | 26                              | 2.8 | LINF 035 140 16 XXX XX |
|                                            |     | 21 | 321                                                                                                | 777  | 1048 | 1180 | 2538 | 29                              | 3.7 | LINF 035 140 21 XXX XX |
|                                            | 160 | 11 | 218                                                                                                | 522  | 701  | 789  | 1677 | 24                              | 2.1 | LINF 035 160 11 XXX XX |
|                                            |     | 16 | 303                                                                                                | 727  | 977  | 1099 | 2344 | 28                              | 3.2 | LINF 035 160 16 XXX XX |
|                                            |     | 21 | 367                                                                                                | 888  | 1198 | 1349 | 2901 | 31                              | 4.3 | LINF 035 160 21 XXX XX |
|                                            | 180 | 11 | 246                                                                                                | 587  | 789  | 887  | 1886 | 26                              | 2.4 | LINF 035 180 11 XXX XX |
|                                            |     | 16 | 341                                                                                                | 818  | 1099 | 1237 | 2637 | 31                              | 3.6 | LINF 035 180 16 XXX XX |
|                                            |     | 21 | 412                                                                                                | 999  | 1347 | 1518 | 3263 | 35                              | 4.8 | LINF 035 180 21 XXX XX |
|                                            | 200 | 11 | 273                                                                                                | 652  | 876  | 986  | 2096 | 29                              | 2.7 | LINF 035 200 11 XXX XX |
|                                            |     | 16 | 379                                                                                                | 908  | 1221 | 1374 | 2930 | 33                              | 4.0 | LINF 035 200 16 XXX XX |
|                                            |     | 21 | 458                                                                                                | 1110 | 1497 | 1687 | 3626 | 38                              | 5.3 | LINF 035 200 21 XXX XX |
|                                            | 220 | 11 | 300                                                                                                | 718  | 964  | 1084 | 2306 | 31                              | 2.9 | LINF 035 220 11 XXX XX |
|                                            |     | 16 | 417                                                                                                | 999  | 1344 | 1512 | 3223 | 36                              | 4.4 | LINF 035 220 16 XXX XX |
|                                            |     | 21 | 504                                                                                                | 1221 | 1647 | 1855 | 3989 | 41                              | 5.9 | LINF 035 220 21 XXX XX |
|                                            | 240 | 11 | 327                                                                                                | 783  | 1052 | 1183 | 2515 | 35                              | 3.2 | LINF 035 240 11 XXX XX |
|                                            |     | 16 | 454                                                                                                | 1090 | 1466 | 1649 | 3516 | 40                              | 4.8 | LINF 035 240 16 XXX XX |
|                                            |     | 21 | 550                                                                                                | 1332 | 1797 | 2024 | 4351 | 45                              | 6.4 | LINF 035 240 21 XXX XX |
|                                            | 260 | 11 | 355                                                                                                | 848  | 1139 | 1281 | 2725 | 37                              | 3.5 | LINF 035 260 11 XXX XX |
|                                            |     | 16 | 492                                                                                                | 1181 | 1588 | 1786 | 3809 | 42                              | 5.1 | LINF 035 260 16 XXX XX |
|                                            |     | 21 | 596                                                                                                | 1443 | 1946 | 2193 | 4714 | 48                              | 6.9 | LINF 035 260 21 XXX XX |
|                                            | 280 | 11 | 382                                                                                                | 913  | 1227 | 1380 | 2934 | 40                              | 3.7 | LINF 035 280 11 XXX XX |
|                                            |     | 16 | 530                                                                                                | 1272 | 1710 | 1924 | 4102 | 45                              | 5.5 | LINF 035 280 16 XXX XX |
|                                            |     | 21 | 642                                                                                                | 1554 | 2096 | 2361 | 5076 | 51                              | 7.4 | LINF 035 280 21 XXX XX |

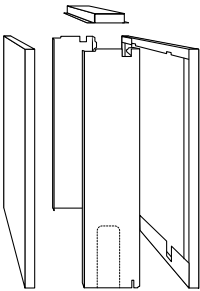
EN442 output at 20°C

enter colour code

LINEA PLUS FREESTANDING

PARTS

CASING



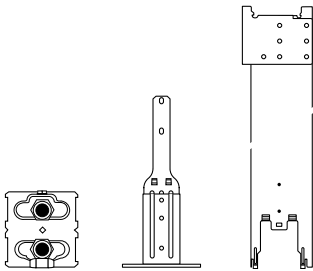
STANDARD DELIVERY:

- grille
- front and back panel
- 2 sides
- colour 133, 001 or 145

ORDER CODE

CLIF 020 050 10 XXX  
Colour  
Type  
Length  
Height

HEATING SET



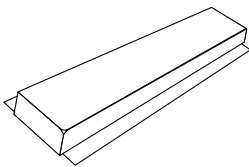
STANDARD DELIVERY:

- heat exchanger
- brackets
- angled 1/8" air vent
- standard feet
- auxiliary tools to install the back panel
- 1/2" drain cock

ORDER CODE

HLIF 020 050 10  
Type  
Length  
Height

GRILLE



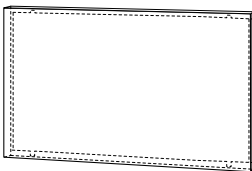
STANDARD DELIVERY:

- colour 133, 001 or 145

ORDER CODE

5652 000 050 10 XXX  
Colour  
Type  
Length

FRONT PANEL / BACK PANEL



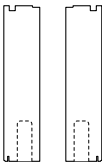
STANDARD DELIVERY:

- colour 133, 001 or 145

ORDER CODE

5503 020 050 00 XXX  
Colour  
Length  
Height

SIDES (in pairs)



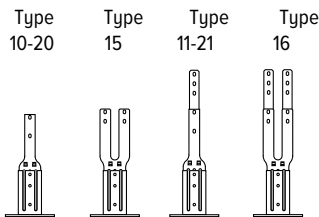
STANDARD DELIVERY:

- colour 133, 001 or 145

ORDER CODE

5754 020 000 10 XXX  
Colour  
Type  
Height

STANDARD ADJUSTABLE FOOT



Number of feet for heat exchanger (1 per console)

- from lengths 050 to 120 cm: 2 units
- from lengths 140 to 220 cm: 3 units
- from lengths 240 to 280 cm: 4 units

ORDER CODE

5201 000 000 10  
Type

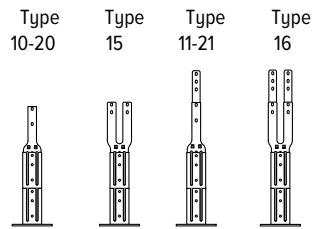
The feet (standard in neutral grey) are also available in the same colour as the casing. Please insert the colour code of the casing behind the code of the foot.  
ex.: 5201 000 000 10 xxx

height-adjustable from 135 mm to 185 mm

LINEA PLUS FREESTANDING

PARTS

LENGTH-ADJUSTABLE FOOT FOR INSTALLATION IN IN-SITU CONCRETE



height-adjustable from 255 mm to 290 mm

BRACKETS (per unit)



- Number of feet for heat exchanger (1 per console)
- from lengths 050 to 120 cm: 2 units
  - from lengths 140 to 220 cm: 3 units
  - from lengths 240 to 280 cm: 4 units

Feet in the same colour as the casing  
The feet (standard in neutral grey) are also available in the same colour as the casing. Please insert the colour code of the casing behind the code of the foot.  
ex.: 5202 000 000 10 xxx

ORDER CODE

5202 000 000 10  
Type

- Number of brackets for heat exchanger
- from lengths 050 to 120 cm: 2 units
  - from lengths 140 to 220 cm: 3 units
  - from lengths 240 to 280 cm: 4 units

ORDER CODE

5156 020 000 10  
Type of heat exchanger  
Height

HEAT EXCHANGER

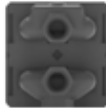


- STANDARD DELIVERY:
- heat exchanger
  - incl. angled air vent and drain cock

ORDER CODE

5003 000 050 06  
Type of heat exchanger  
Length

Overview types of heat exchangers

|            | Linea Plus Type 10                                                                             | Linea Plus Type 11                                                                             | Linea Plus Type 15                                                                             | Linea Plus Type 16                                                                              | Linea Plus Type 20                                                                               | Linea Plus Type 21                                                                               |
|------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| HEIGHT 020 | <br>Type 10 |                                                                                                | <br>Type 15 |                                                                                                 | <br>Type 20 |                                                                                                  |
| HEIGHT 035 | <br>Type 10 | <br>Type 11 | <br>Type 15 | <br>Type 16 | <br>Type 20 | <br>Type 21 |

EXTENDED AIR VENT 1/8"



| H20          |    |    |    | H35 |    |    |    |    |    |
|--------------|----|----|----|-----|----|----|----|----|----|
| Type         | 10 | 15 | 20 | 10  | 11 | 15 | 16 | 20 | 21 |
| Order code   |    |    |    |     |    |    |    |    |    |
| 50900114 078 | ✓  | ✓  | ✓  | -   | ✓  | -  | ✓  | -  | ✓  |
| 50900114 178 | -  | -  | -  | ✓   | -  | ✓  | -  | ✓  | -  |
| 50900114 278 | -  | -  | -  | -   | -  | -  | -  | -  | -  |
| 50900114 378 | -  | -  | -  | -   | -  | -  | -  | -  | -  |
| 50900114 528 | -  | -  | -  | -   | -  | -  | -  | -  | -  |
| 50900114 728 | -  | -  | -  | -   | -  | -  | -  | -  | -  |

# LINEA PLUS 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 |

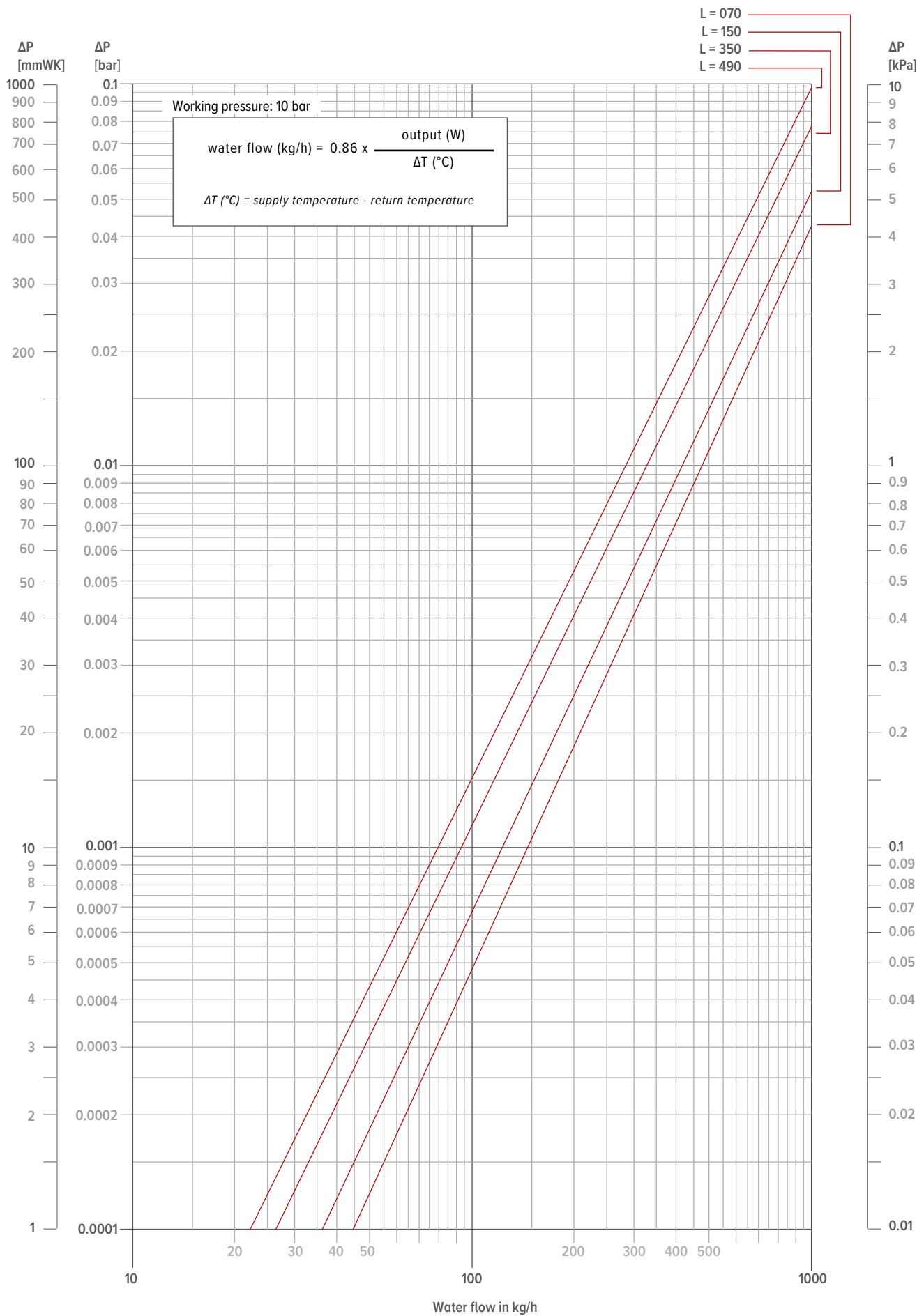
Average corrective index for Strada (without DBH). Exact corrective index for Strada or Strada Hybrid: see selection tools

room temperature: 24°C Average N-value: 1.36

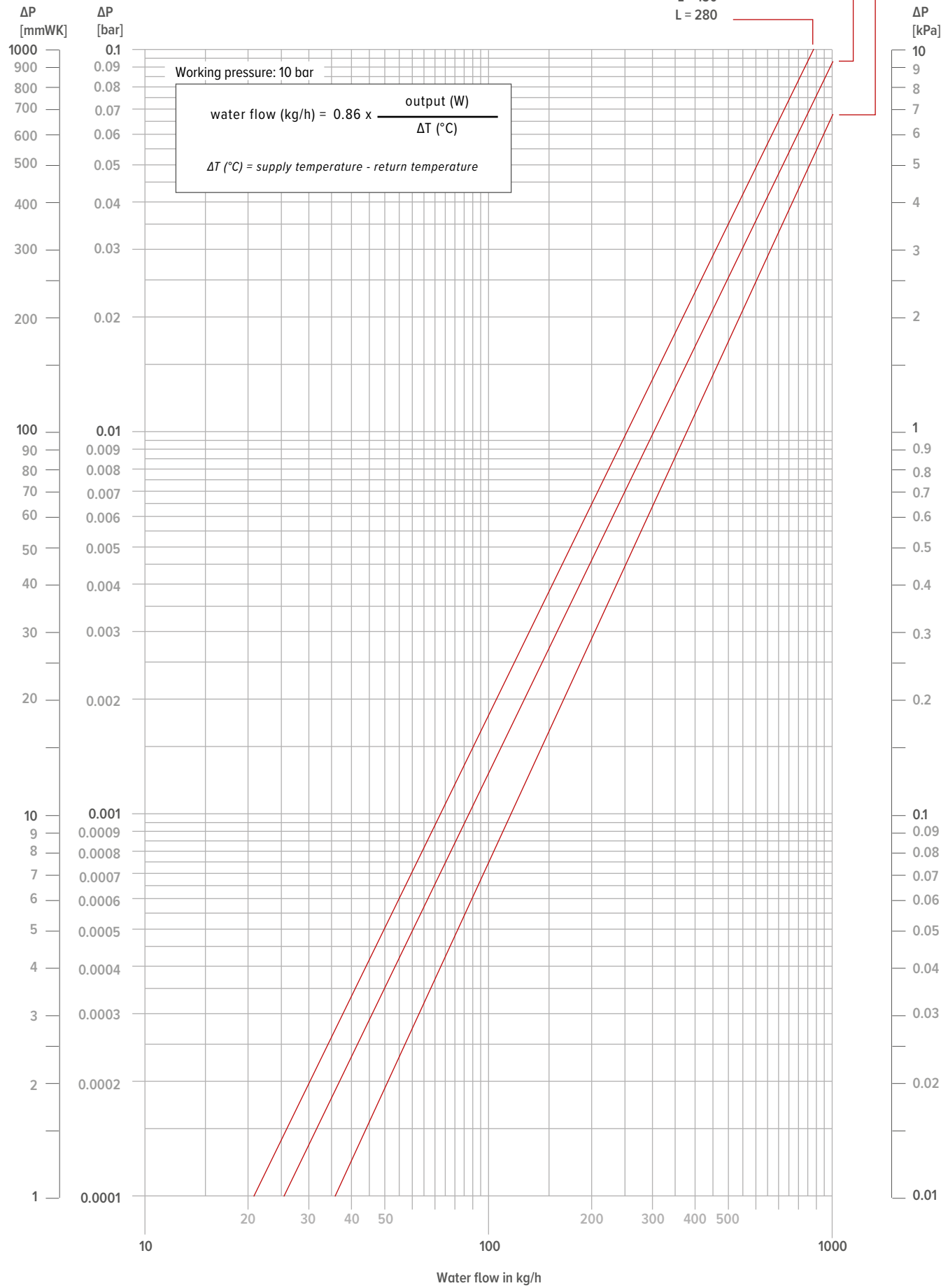
|    | TR | 65   | 60   | 55   | 50   | 45   | 40   | 35   | 30   | 25   |
|----|----|------|------|------|------|------|------|------|------|------|
| TA |    |      |      |      |      |      |      |      |      |      |
| 75 |    | 0.89 | 0.82 | 0.75 | 0.67 | 0.59 | 0.51 | 0.41 | 0.31 | 0.16 |
| 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 |

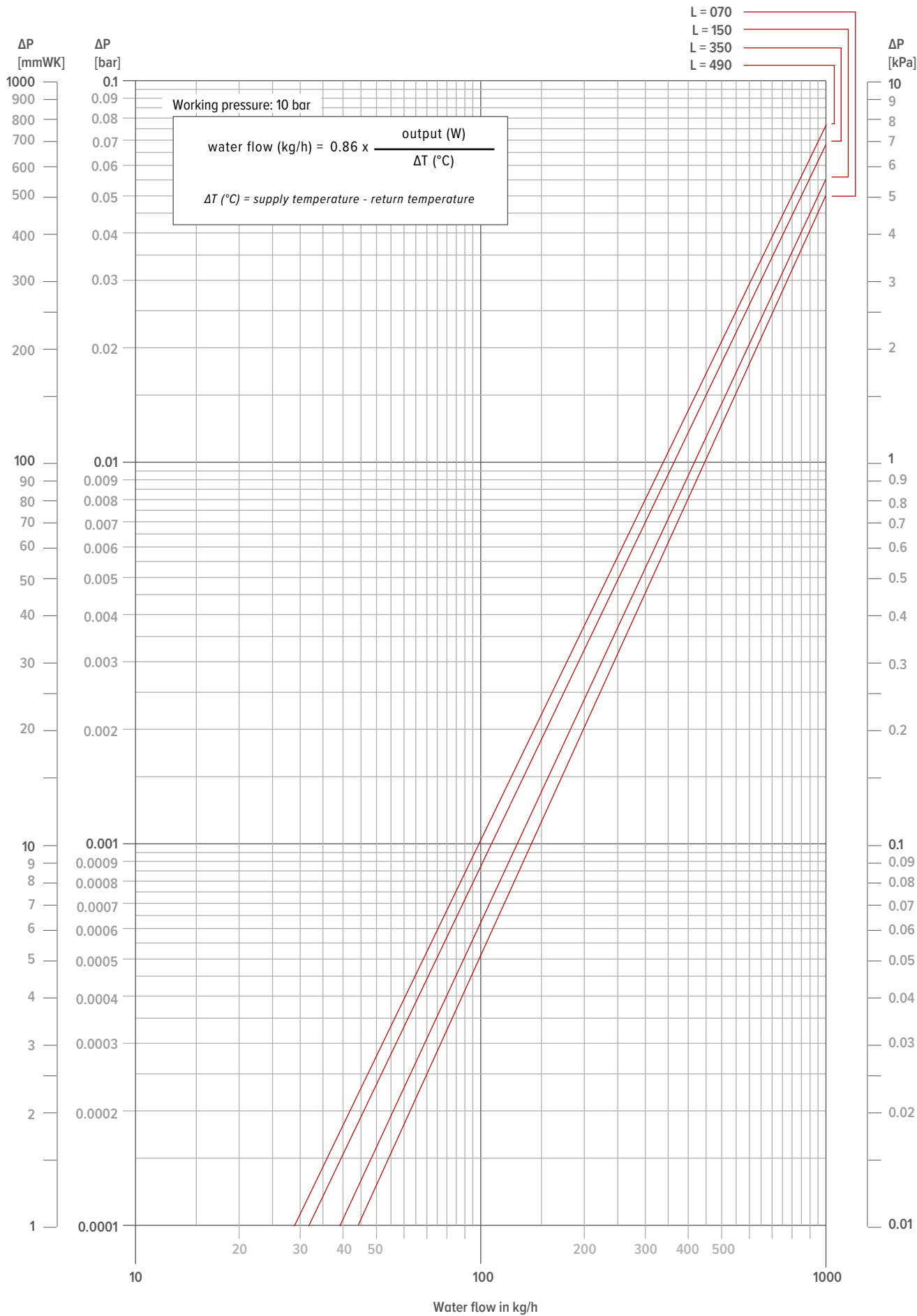
## GUIDELINE FOR LIMITING FLOW NOISE

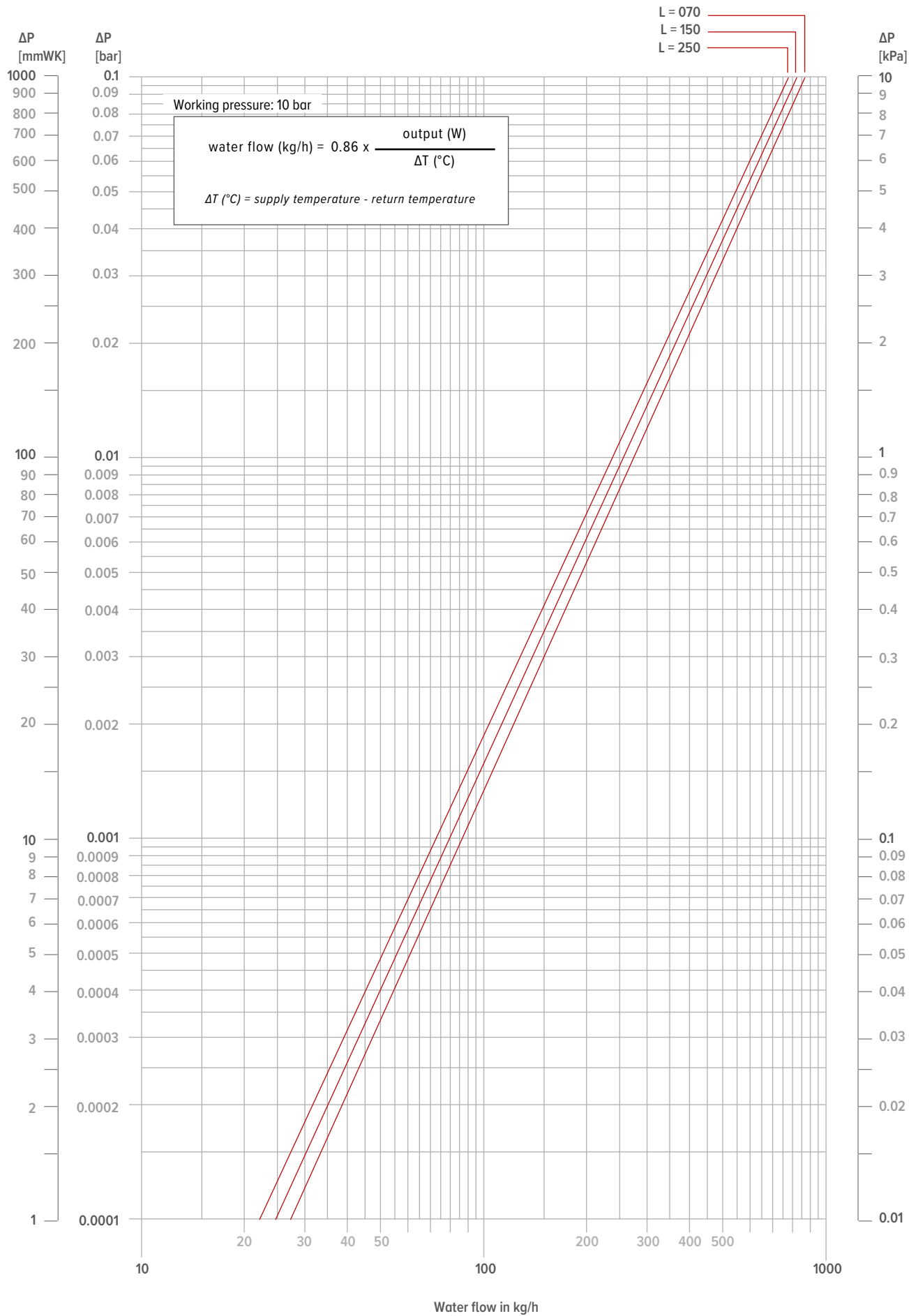
| TUBE                     | outer Ø | Wall thick-<br>ness | Max. water<br>speed<br>(EN10255) | water content<br>per metre | max. water<br>flow | Maximum power at ΔT (° C) (T supply - T return) |        |       |       |       |       |       |
|--------------------------|---------|---------------------|----------------------------------|------------------------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

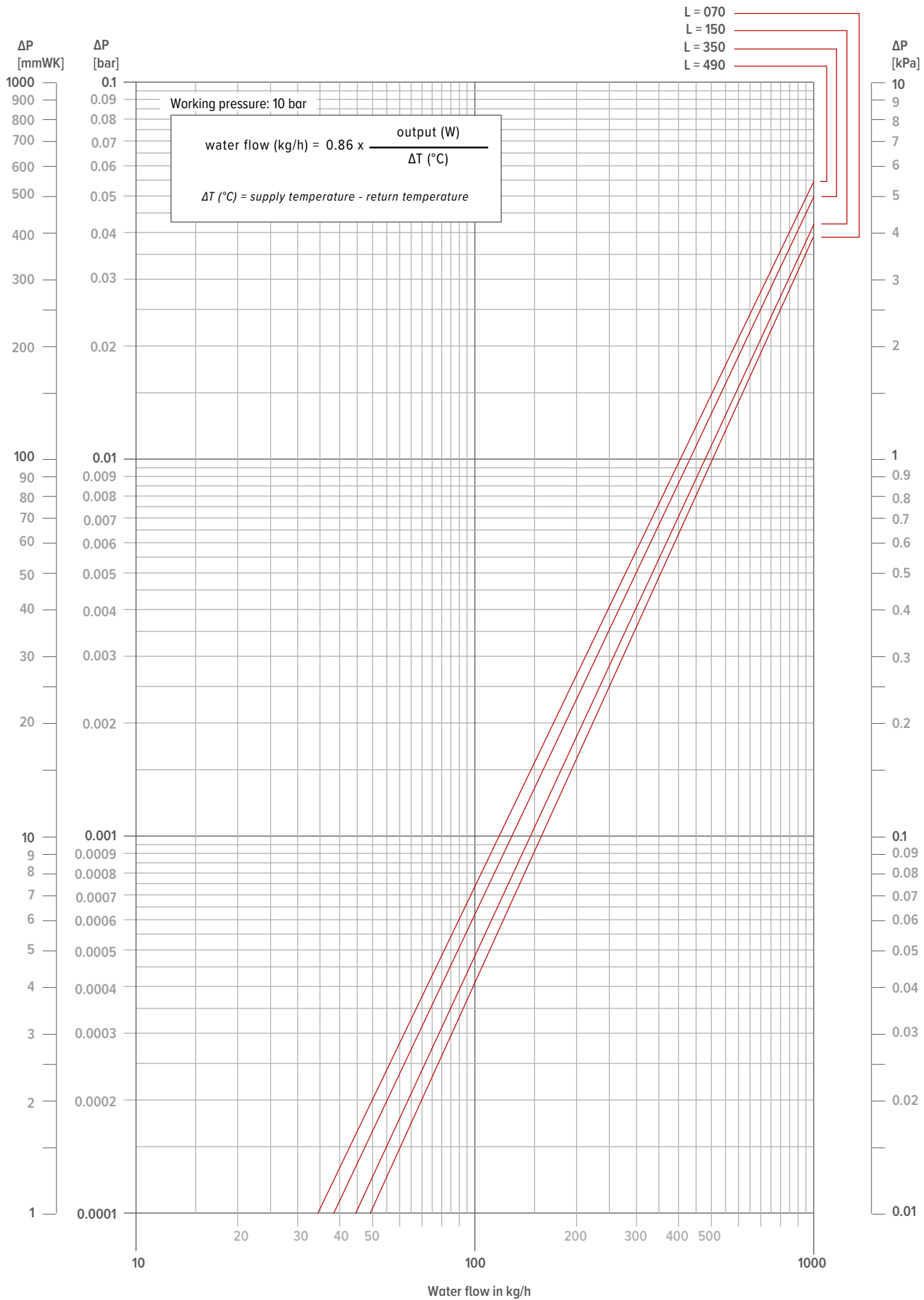


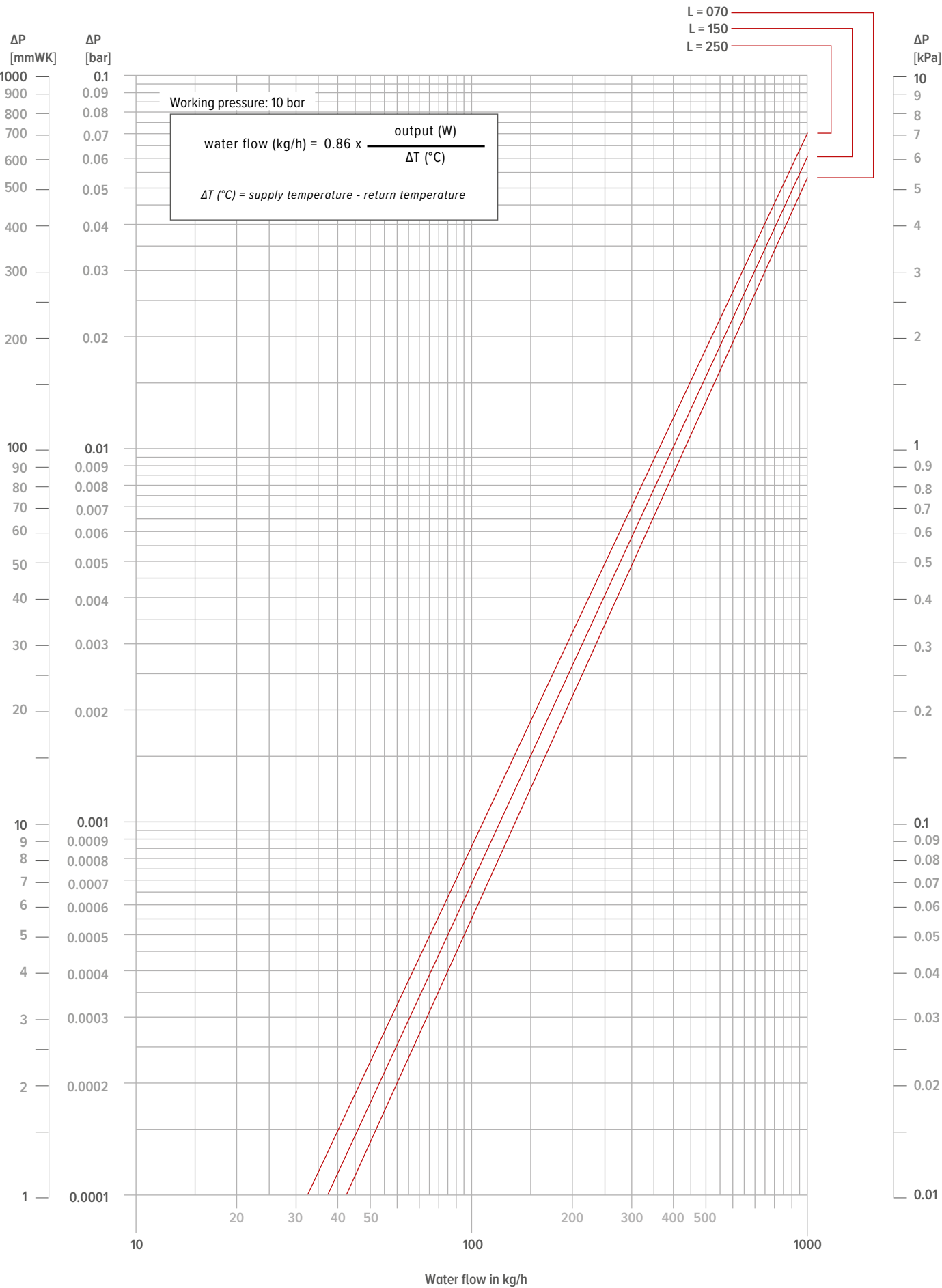
L = 070  
L = 150  
L = 280



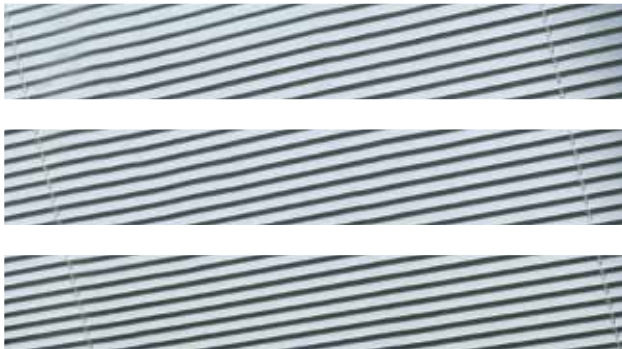












**JAGA INTERNATIONAL JAGA NV**

In need of some advice? Make an appointment at the Jaga Advice Centre.

Verbindingslaan 16  
3590 Diepenbeek

+32 (0) 11 29 41 12

[export@jaga.be](mailto:export@jaga.be)  
[jaga.com](http://jaga.com)