



Andmeleht

2026-08-08

# Ventil Compact

Populaarseim klassikaline paneelradiaator alumise ühendusega.



- ✓ Paindlik paigaldus
- ✓ Tugev konstruktsioon
- ✓ Kõrge tõhusus
- ✓ Lai moodsuvalik
- ✓ Lihtne hooldus

**Ventil Compact** on klassikaline paneelradiaator integreeritud ventiiliga veeküttesüsteemidele; sellel on külgsuunelised, ülemine rest, alumine külgsuunelise ühenduse, tarnitakse koos kinnitusklaabrite, otsakorgi ja õhutusventiiliga.



### Kasutusala

Ventil Compact radiaator sobib ideaalselt elu- ja ärihoonetele. Sellel on integreeritud kahetorusüsteemi ventiilid, mis võimaldavad külghendusi ( $4 \times G \frac{1}{2}$ ") ja alumist ühendust ( $2 \times G \frac{1}{2}$ ", 50 mm). Saadaval kõrgused 200–900 mm ja pikkused 400–3000 mm. Mõeldud veeküttesüsteemidele, mille töö rõhk on kuni 10 bar ja temperatuur kuni 110°C.

### Möödistamine

Õige tootevaliku tagamiseks kasutage meie kalkulaatoreid ja tootekatalooge. Kui vajate abi, võtke ühendust meie müügimeeskonnaga.

### Kasutamine

Veendu, et kõik ühendused vastaksid ISO 228-le, ja kasuta kaasasolevat paigaldusmalli täpse vahemaa määramiseks; hüdrauliline tasakaalustamine tee kaasasoleva kv-reguleerimisega; järgi paigaldusjuhiseid üksik- ja kahetorusüsteemidele.

### AMA-tekst

Ventil Compact radiaator koos profileeritud soojuspindade ja konveksioonielementidega, külghpaneelid ja ülemine rest. Ühendused: kaks alumist ja neli külgmist  $G \frac{1}{2}$ " sisekeermega liidest. Integreeritud eelreguleeritav ventiilisüdamik. Komplektis kinnitustahendid, pimekork ja õhutusventiil. Vastab EN442-1 ja CE. Standardtoon RAL 9016; muud toonid tellimisel. Garantii 10 aastat.



# Spetsifikatsioonid

| OMADUSED                                            | ÜHIK | VÄÄRTUSED      |
|-----------------------------------------------------|------|----------------|
| ETIM-klass                                          |      | EC011022       |
| Materjal                                            |      | Terase         |
| Tüüp                                                |      | 11, 21, 22, 33 |
| Pinnastruktuur                                      |      | Profiilitud    |
| Maksimaalne töö rõhk                                | bar  | 10             |
| Standardühenduste arv                               |      | 2              |
| Soojusandmine vastavalt EN 442 tunnustatud laborile |      | Jah            |
| Maksimaalne töötemperatuur                          | °C   | 110            |
| Standardvärv                                        |      | Jah            |
| Värv                                                |      | Valge          |
| RAL-number                                          |      | 9016           |
| Rest/Katteplaat                                     |      | Jah            |
| Rest/Katteplaat                                     |      | Jah            |
| Läikeväärtus                                        |      | Särav          |
| Keerme mõõt (toll)                                  |      | 1/2 tolli      |
| Ühenduskeere                                        |      | Sisemine keere |
| Ühepunktiühendusega                                 |      | Jah            |
| Õhutusühendusega                                    |      | Jah            |
| Õhutusventiili/õhutusavaga                          |      | Jah            |
| Tühjendusvõimalusega                                |      | Jah            |



# Ressursid



ProductImage - Panel radiator Ventil Compact, CV, detail.



ProductImage - Panel radiator Ventil Compact, CV.

| VENTIL COMPACT (mm) |      |      |
|---------------------|------|------|
|                     | CV11 |      |
| A                   | a1   | a2   |
| 400-1600            | 117  | -    |
| 1800                | 117  | 917  |
| 2000                | 117  | 1017 |
| 2300                | 117  | 1150 |
| 2600                | 117  | 1317 |
| 3000                | 117  | 1517 |

DimensionalDrawing - Ventil Compact, tabelijoonis A



DimensionalDrawing - Ventil Compact, tüüp 33, pealtvaade

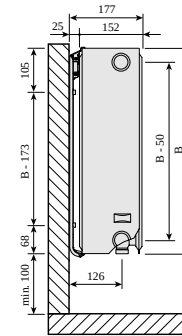




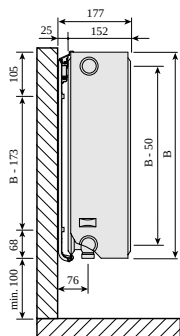
# Ressursid



DimensionalDrawing - Ventil Compact, tüüp 33, pealtvaade



DimensionalDrawing - Ventil Compact, tüübid 30, 33, külgsaade Monclac seinakanduritega



DimensionalDrawing - Ventil Compact, tüübid 30, 33, külgsaade Monclac seinakanduritega



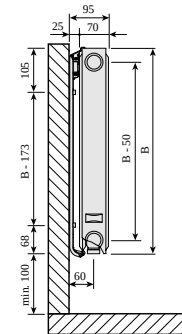
DimensionalDrawing - Ventil Compact, tüüp 22, pealtvaade



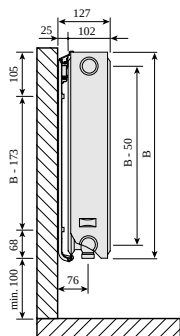
# Ressursid



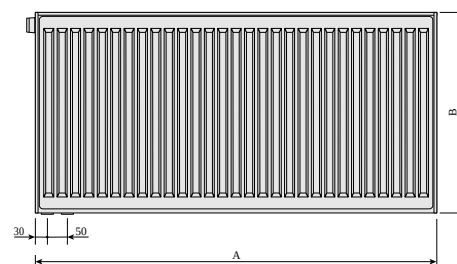
DimensionalDrawing - Ventil Compact, tüüp 21s, pealtvaade



DimensionalDrawing - Ventil Compact, type 21s, külgsaade  
Monclac kinnitustega



DimensionalDrawing - Ventil Compact, types 20, 22,  
külgsaade Monclac seinakanduritega



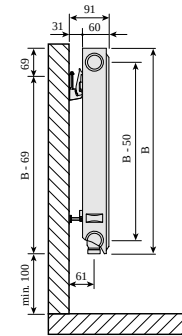
DimensionalDrawing - Ventil Compact, types 20, 21s, 22, 30,  
33, tagantvaade



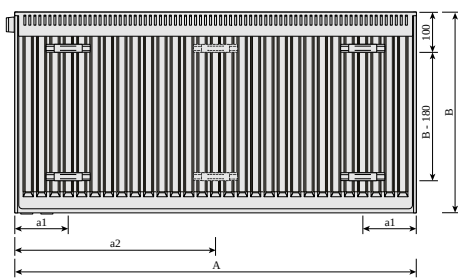
# Ressursid



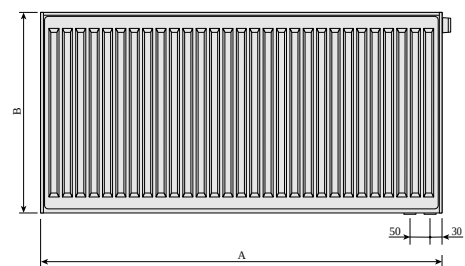
DimensionalDrawing - Ventil Compact, type 11, pealtvaade



DimensionalDrawing - Ventil Compact, type 11, külgsaade SSMS seinakanduritega



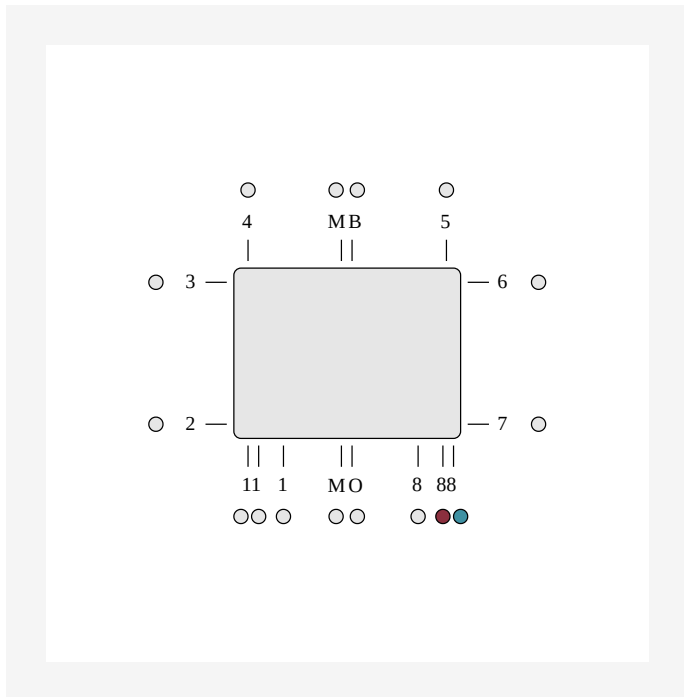
DimensionalDrawing - Compact Ventil Flex, tüüp 11, tagantvaade



DimensionalDrawing - Ventil Compact, eestvaade



# Ressursid



DimensionalDrawing - ETIM 88 LR alumine ühendus.  
Integreeritud ventiiliga alumine ühendus nõuab  
ventiilisisestiku kasutamist. Kasutamata ühendused on  
suletud.



# Seotud tooted



Ventiili sisetükk M30 OV



Top Grill ©



Air



Aerosool parandusvärv



Küljepaneel ©



Monclac seinakronstein



## 300

| KÕRGUS<br>300 mm | PIKKUS | SÜGAVUS |                                   | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|-----------------------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
| Tüüp 11          |        |         |                                   |                           |                           |                           |             |                |              |
|                  | 400    | 60      | F071103004010310 F071103004010300 | 65                        | 113                       | 122                       | 0.7         | 1.30           | 4.4          |
|                  | 500    | 60      | F071103005010310 F071103005010300 | 81                        | 141                       | 152                       | 0.8         | 1.30           | 5.2          |
|                  | 600    | 60      | F071103006010310 F071103006010300 | 97                        | 169                       | 183                       | 1.0         | 1.30           | 6.0          |
|                  | 700    | 60      | F071103007010310 F071103007010300 | 113                       | 197                       | 213                       | 1.2         | 1.30           | 6.8          |
|                  | 800    | 60      | F071103008010310 F071103008010300 | 129                       | 225                       | 244                       | 1.4         | 1.30           | 7.6          |
|                  | 900    | 60      | F071103009010310 F071103009010300 | 146                       | 253                       | 274                       | 1.5         | 1.30           | 8.3          |
|                  | 1000   | 60      | F071103010010310 F071103010010300 | 162                       | 281                       | 305                       | 1.7         | 1.30           | 9.1          |
|                  | 1100   | 60      | F071103011010310 F071103011010300 | 178                       | 309                       | 335                       | 1.9         | 1.30           | 10.3         |
|                  | 1200   | 60      | F071103012010310 F071103012010300 | 194                       | 338                       | 366                       | 2.0         | 1.30           | 1.7          |
|                  | 1400   | 60      | F071103014010310 F071103014010300 | 226                       | 394                       | 427                       | 2.4         | 1.30           | 12.2         |
|                  | 1600   | 60      | F071103016010310 F071103016010300 | 259                       | 450                       | 488                       | 2.7         | 1.30           | 13.8         |
|                  | 1800   | 60      | F071103018010310 F071103018010300 | 291                       | 506                       | 549                       | 3.1         | 1.30           | 15.4         |
|                  | 2000   | 60      | F071103020010310 F071103020010300 | 323                       | 563                       | 610                       | 3.4         | 1.30           | 16.9         |
|                  | 2300   | 60      | F071103023010310 F071103023010300 | 372                       | 647                       | 701                       | 3.9         | 1.30           | 19.3         |
|                  | 2600   | 60      | F071103026010310 F071103026010300 | 420                       | 731                       | 792                       | 4.4         | 1.30           | 21.6         |
|                  | 3000   | 60      | F071103030010310 F071103030010300 | 485                       | 844                       | 914                       | 5.1         | 1.30           | 24.7         |
| Tüüp 21          |        |         |                                   |                           |                           |                           |             |                |              |
|                  | 400    | 70      | F072103004011300                  | 92                        | 158                       | 171                       | 1.4         | 1.28           | 6.5          |
|                  | 500    | 70      | F072103005011300                  | 115                       | 198                       | 214                       | 1.7         | 1.28           | 7.7          |
|                  | 600    | 70      | F072103006011300                  | 137                       | 237                       | 257                       | 2.0         | 1.28           | 9.0          |
|                  | 700    | 70      | F072103007011300                  | 160                       | 277                       | 300                       | 2.4         | 1.28           | 12           |
|                  | 800    | 70      | F072103008011300                  | 183                       | 317                       | 343                       | 2.7         | 1.28           | 11.4         |
|                  | 900    | 70      | F072103009011300                  | 206                       | 356                       | 385                       | 3.1         | 1.28           | 12.6         |
|                  | 1000   | 70      | F072103010011300                  | 229                       | 396                       | 428                       | 3.4         | 1.28           | 13.9         |



## 300

| KÕRGUS<br>300 mm | PIKKUS | SÜGAVUS |                  | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
|                  | 1100   | 70      | F072103011011300 | 252                       | 435                       | 471                       | 3.7         | 1.28           | 15.1         |
|                  | 1200   | 70      | F072103012011300 | 275                       | 475                       | 514                       | 4.1         | 1.28           | 16.3         |
|                  | 1400   | 70      | F072103014011300 | 321                       | 554                       | 600                       | 4.8         | 1.28           | 18.8         |
|                  | 1600   | 70      | F072103016011300 | 367                       | 633                       | 685                       | 5.4         | 1.28           | 21.3         |
|                  | 1800   | 70      | F072103018011300 | 412                       | 712                       | 771                       | 6.1         | 1.28           | 23.7         |
|                  | 2000   | 70      | F072103020011300 | 458                       | 791                       | 856                       | 6.8         | 1.28           | 26.2         |
|                  | 2300   | 70      | F072103023011300 | 527                       | 910                       | 985                       | 7.8         | 1.28           | 29.9         |
|                  | 2600   | 70      | F072103026011300 | 596                       | 1029                      | 1113                      | 8.8         | 1.28           | 33.6         |
|                  | 3000   | 70      | F072103030011300 | 687                       | 1187                      | 1285                      | 10.2        | 1.28           | 38.5         |
| Tüüp 22          | 400    | 102     | F072203004011300 | 113                       | 197                       | 213                       | 1.4         | 1.31           | 7.4          |
|                  | 500    | 102     | F072203005011300 | 141                       | 246                       | 267                       | 1.7         | 1.31           | 8.8          |
|                  | 600    | 102     | F072203006011300 | 169                       | 295                       | 320                       | 2.0         | 1.31           | 1.2          |
|                  | 700    | 102     | F072203007011300 | 197                       | 345                       | 374                       | 2.4         | 1.31           | 11.6         |
|                  | 800    | 102     | F072203008011300 | 225                       | 394                       | 427                       | 2.7         | 1.31           | 13.0         |
|                  | 900    | 102     | F072203009011300 | 253                       | 443                       | 480                       | 3.1         | 1.31           | 14.3         |
|                  | 1000   | 102     | F072203010011300 | 282                       | 492                       | 534                       | 3.4         | 1.31           | 15.7         |
|                  | 1100   | 102     | F072203011011300 | 310                       | 542                       | 587                       | 3.7         | 1.31           | 17.1         |
|                  | 1200   | 102     | F072203012011300 | 338                       | 591                       | 640                       | 4.1         | 1.31           | 18.5         |
|                  | 1400   | 102     | F072203014011300 | 394                       | 689                       | 747                       | 4.8         | 1.31           | 21.3         |
|                  | 1600   | 102     | F072203016011300 | 451                       | 788                       | 854                       | 5.4         | 1.31           | 24.2         |
|                  | 1800   | 102     | F072203018011300 | 507                       | 886                       | 961                       | 6.1         | 1.31           | 26.8         |
|                  | 2000   | 102     | F072203020011300 | 563                       | 985                       | 1067                      | 6.8         | 1.31           | 29.6         |
|                  | 2300   | 102     | F072203023011300 | 648                       | 1132                      | 1228                      | 7.8         | 1.31           | 33.7         |
|                  | 2600   | 102     | F072203026011300 | 732                       | 1280                      | 1388                      | 8.8         | 1.31           | 37.9         |
|                  | 3000   | 102     | F072203030011300 | 845                       | 1477                      | 1601                      | 10.2        | 1.31           | 43.4         |



## 300

| KÕRGUS<br>300 mm | PIKKUS | SÜGAVUS                           |  | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|-----------------------------------|--|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
| Tüüp 33          |        |                                   |  |                           |                           |                           |             |                |              |
| 400              | 152    | F073303004011310 F073303004011300 |  | 157                       | 275                       | 299                       | 2.0         | 1.31           | 1.5          |
| 500              | 152    | F073303005011310 F073303005011300 |  | 196                       | 344                       | 373                       | 2.5         | 1.31           | 12.6         |
| 600              | 152    | F073303006011310 F073303006011300 |  | 236                       | 413                       | 448                       | 3.1         | 1.31           | 14.7         |
| 700              | 152    | F073303007011310 F073303007011300 |  | 275                       | 482                       | 523                       | 3.6         | 1.31           | 16.8         |
| 800              | 152    | F073303008011310 F073303008011300 |  | 314                       | 551                       | 597                       | 4.1         | 1.31           | 18.9         |
| 900              | 152    | F073303009011310 F073303009011300 |  | 354                       | 620                       | 672                       | 4.6         | 1.31           | 3.0          |
| 1000             | 152    | F073303010011310 F073303010011300 |  | 393                       | 688                       | 747                       | 5.1         | 1.31           | 23.8         |
| 1100             | 152    | F073303011011310 F073303011011300 |  | 432                       | 757                       | 821                       | 5.6         | 1.31           | 25.2         |
| 1200             | 152    | F073303012011310 F073303012011300 |  | 472                       | 826                       | 896                       | 6.1         | 1.31           | 27.3         |
| 1400             | 152    | F073303014011310 F073303014011300 |  | 550                       | 964                       | 1045                      | 7.1         | 1.31           | 31.4         |
| 1600             | 152    | F073303016011310 F073303016011300 |  | 629                       | 1101                      | 1195                      | 8.2         | 1.31           | 35.6         |
| 1800             | 152    | F073303018011310 F073303018011300 |  | 707                       | 1239                      | 1344                      | 9.2         | 1.31           | 39.8         |
| 2000             | 152    | F073303020011310 F073303020011300 |  | 786                       | 1377                      | 1493                      | 10.2        | 1.31           | 44.0         |
| 2300             | 152    | F073303023011310 F073303023011300 |  | 904                       | 1583                      | 1717                      | 11.7        | 1.31           | 5.3          |
| 2600             | 152    | F073303026011310 F073303026011300 |  | 1022                      | 1790                      | 1941                      | 13.3        | 1.31           | 56.5         |
| 3000             | 152    | F073303030011310 F073303030011300 |  | 1179                      | 2065                      | 2240                      | 15.3        | 1.31           | 64.9         |





## 400

| KÕRGUS<br>400 mm | PIKKUS | SÜGAVUS |                                   | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|-----------------------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
| Tüüp 11          |        |         |                                   |                           |                           |                           |             |                |              |
|                  | 400    | 60      | F071104004010310 F071104004010300 | 84                        | 146                       | 158                       | 0.9         | 1.30           | 5.6          |
|                  | 500    | 60      | F071104005010310 F071104005010300 | 105                       | 183                       | 198                       | 1.1         | 1.30           | 6.6          |
|                  | 600    | 60      | F071104006010310 F071104006010300 | 126                       | 219                       | 238                       | 1.3         | 1.30           | 7.8          |
|                  | 700    | 60      | F071104007010310 F071104007010300 | 147                       | 256                       | 277                       | 1.5         | 1.30           | 8.8          |
|                  | 800    | 60      | F071104008010310 F071104008010300 | 168                       | 292                       | 317                       | 1.8         | 1.30           | 10.2         |
|                  | 900    | 60      | F071104009010310 F071104009010300 | 189                       | 329                       | 356                       | 2.0         | 1.30           | 19           |
|                  | 1000   | 60      | F071104010010310 F071104010010300 | 210                       | 366                       | 396                       | 2.2         | 1.30           | 12.0         |
|                  | 1100   | 60      | F071104011010310 F071104011010300 | 231                       | 402                       | 436                       | 2.4         | 1.30           | 13.5         |
|                  | 1200   | 60      | F071104012010310 F071104012010300 | 252                       | 439                       | 475                       | 2.6         | 1.30           | 14.1         |
|                  | 1400   | 60      | F071104014010310 F071104014010300 | 294                       | 512                       | 555                       | 3.1         | 1.30           | 16.3         |
|                  | 1600   | 60      | F071104016010310 F071104016010300 | 335                       | 585                       | 634                       | 3.5         | 1.30           | 18.4         |
|                  | 1800   | 60      | F071104018010310 F071104018010300 | 377                       | 658                       | 713                       | 4.0         | 1.30           | 2.5          |
|                  | 2000   | 60      | F071104020010310 F071104020010300 | 419                       | 731                       | 792                       | 4.4         | 1.30           | 22.7         |
|                  | 2300   | 60      | F071104023010310 F071104023010300 | 482                       | 841                       | 911                       | 5.1         | 1.30           | 25.9         |
|                  | 2600   | 60      | F071104026010310 F071104026010300 | 545                       | 950                       | 1030                      | 5.7         | 1.30           | 29.7         |
|                  | 3000   | 60      | F071104030010310 F071104030010300 | 629                       | 1097                      | 1188                      | 6.6         | 1.30           | 33.4         |
| Tüüp 21          |        |         |                                   |                           |                           |                           |             |                |              |
|                  | 400    | 70      | F072104004011300                  | 115                       | 199                       | 215                       | 1.8         | 1.29           | 8.4          |
|                  | 500    | 70      | F072104005011300                  | 143                       | 249                       | 269                       | 2.3         | 1.29           | 16           |
|                  | 600    | 70      | F072104006011300                  | 172                       | 298                       | 323                       | 2.7         | 1.29           | 11.8         |
|                  | 700    | 70      | F072104007011300                  | 200                       | 348                       | 377                       | 3.1         | 1.29           | 13.3         |
|                  | 800    | 70      | F072104008011300                  | 229                       | 398                       | 431                       | 3.6         | 1.29           | 15.0         |
|                  | 900    | 70      | F072104009011300                  | 258                       | 448                       | 485                       | 4.0         | 1.29           | 16.6         |
|                  | 1000   | 70      | F072104010011300                  | 286                       | 497                       | 539                       | 4.5         | 1.29           | 18.3         |
|                  | 1100   | 70      | F072104011011300                  | 315                       | 547                       | 592                       | 5.0         | 1.29           | 19.9         |



400

| KÕRGUS<br>400 mm | PIKKUS | SÜGAVUS |                  | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
|                  | 1200   | 70      | F072104012011300 | 344                       | 597                       | 646                       | 5.4         | 1.29           | 21.5         |
|                  | 1400   | 70      | F072104014011300 | 401                       | 696                       | 754                       | 6.3         | 1.29           | 24.8         |
|                  | 1600   | 70      | F072104016011300 | 458                       | 796                       | 862                       | 7.2         | 1.29           | 28.9         |
|                  | 1800   | 70      | F072104018011300 | 515                       | 895                       | 969                       | 8.1         | 1.29           | 31.4         |
|                  | 2000   | 70      | F072104020011300 | 573                       | 994                       | 1077                      | 9.0         | 1.29           | 34.6         |
|                  | 2300   | 70      | F072104023011300 | 658                       | 1144                      | 1239                      | 10.3        | 1.29           | 39.6         |
|                  | 2600   | 70      | F072104026011300 | 744                       | 1293                      | 1400                      | 11.7        | 1.29           | 44.5         |
|                  | 3000   | 70      | F072104030011300 | 859                       | 1492                      | 1616                      | 13.5        | 1.29           | 51.2         |
| Tüüp 22          |        |         |                  |                           |                           |                           |             |                |              |
|                  | 400    | 102     | F072204004011300 | 142                       | 249                       | 270                       | 1.8         | 1.32           | 9.6          |
|                  | 500    | 102     | F072204005011300 | 177                       | 311                       | 338                       | 2.3         | 1.32           | 11.5         |
|                  | 600    | 102     | F072204006011300 | 213                       | 374                       | 405                       | 2.7         | 1.32           | 13.4         |
|                  | 700    | 102     | F072204007011300 | 248                       | 436                       | 473                       | 3.1         | 1.32           | 15.3         |
|                  | 800    | 102     | F072204008011300 | 284                       | 498                       | 540                       | 3.6         | 1.32           | 17.2         |
|                  | 900    | 102     | F072204009011300 | 319                       | 560                       | 608                       | 4.0         | 1.32           | 19.8         |
|                  | 1000   | 102     | F072204010011300 | 355                       | 623                       | 675                       | 4.5         | 1.32           | 3.0          |
|                  | 1100   | 102     | F072204011011300 | 390                       | 685                       | 743                       | 5.0         | 1.32           | 22.9         |
|                  | 1200   | 102     | F072204012011300 | 426                       | 747                       | 811                       | 5.4         | 1.32           | 24.8         |
|                  | 1400   | 102     | F072204014011300 | 497                       | 872                       | 946                       | 6.3         | 1.32           | 28.6         |
|                  | 1600   | 102     | F072204016011300 | 568                       | 996                       | 1081                      | 7.2         | 1.32           | 32.4         |
|                  | 1800   | 102     | F072204018011300 | 639                       | 1121                      | 1216                      | 8.1         | 1.32           | 36.3         |
|                  | 2000   | 102     | F072204020011300 | 710                       | 1245                      | 1351                      | 9.0         | 1.32           | 4.1          |
|                  | 2300   | 102     | F072204023011300 | 816                       | 1432                      | 1554                      | 10.3        | 1.32           | 45.7         |
|                  | 2600   | 102     | F072204026011300 | 923                       | 1619                      | 1756                      | 11.7        | 1.32           | 51.4         |
|                  | 3000   | 102     | F072204030011300 | 1064                      | 1868                      | 2026                      | 13.5        | 1.32           | 59.4         |
| Tüüp 33          |        |         |                  |                           |                           |                           |             |                |              |



## 400

| KÕRGUS<br>400 mm | PIKKUS | SÜGAVUS |                                   | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|-----------------------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
|                  | 400    | 152     | F073304004011310 F073304004011300 | 196                       | 345                       | 375                       | 2.7         | 1.33           | 13.8         |
|                  | 500    | 152     | F073304005011310 F073304005011300 | 245                       | 432                       | 468                       | 3.4         | 1.33           | 16.6         |
|                  | 600    | 152     | F073304006011310 F073304006011300 | 294                       | 518                       | 562                       | 4.0         | 1.33           | 19.4         |
|                  | 700    | 152     | F073304007011310 F073304007011300 | 343                       | 604                       | 656                       | 4.7         | 1.33           | 22.3         |
|                  | 800    | 152     | F073304008011310 F073304008011300 | 392                       | 691                       | 749                       | 5.4         | 1.33           | 25.9         |
|                  | 900    | 152     | F073304009011310 F073304009011300 | 441                       | 777                       | 843                       | 6.0         | 1.33           | 27.9         |
|                  | 1000   | 152     | F073304010011310 F073304010011300 | 490                       | 863                       | 937                       | 6.7         | 1.33           | 3.7          |
|                  | 1100   | 152     | F073304011011310 F073304011011300 | 539                       | 950                       | 1031                      | 7.4         | 1.33           | 33.6         |
|                  | 1200   | 152     | F073304012011310 F073304012011300 | 588                       | 1036                      | 1124                      | 8.0         | 1.33           | 36.4         |
|                  | 1400   | 152     | F073304014011310 F073304014011300 | 686                       | 1209                      | 1312                      | 9.4         | 1.33           | 42.2         |
|                  | 1600   | 152     | F073304016011310 F073304016011300 | 785                       | 1381                      | 1499                      | 10.7        | 1.33           | 47.7         |
|                  | 1800   | 152     | F073304018011310 F073304018011300 | 883                       | 1554                      | 1686                      | 12.1        | 1.33           | 53.4         |
|                  | 2000   | 152     | F073304020011310 F073304020011300 | 981                       | 1726                      | 1874                      | 13.4        | 1.33           | 59.0         |
|                  | 2300   | 152     | F073304023011310 F073304023011300 | 1128                      | 1985                      | 2155                      | 15.4        | 1.33           | 67.4         |
|                  | 2600   | 152     | F073304026011310 F073304026011300 | 1275                      | 2244                      | 2436                      | 17.4        | 1.33           | 75.9         |
|                  | 3000   | 152     | F073304030011310 F073304030011300 | 1471                      | 2590                      | 2811                      | 20.1        | 1.33           | 87.2         |



## 450

| KÕRGUS<br>450 mm | PIKKUS SÜGAVUS |    |                  |                  | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|----------------|----|------------------|------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
| Tüüp 11          |                |    |                  |                  |                           |                           |                           |             |                |              |
|                  | 400            | 60 | F071104504010310 | F071104504010300 | 93                        | 162                       | 176                       | 1.0         | 1.30           | 6.4          |
|                  | 500            | 60 | F071104505010310 | F071104505010300 | 116                       | 203                       | 220                       | 1.3         | 1.30           | 7.7          |
|                  | 600            | 60 | F071104506010310 | F071104506010300 | 139                       | 243                       | 264                       | 1.5         | 1.30           | 9.0          |
|                  | 700            | 60 | F071104507010310 | F071104507010300 | 163                       | 284                       | 308                       | 1.8         | 1.30           | 1.3          |
|                  | 800            | 60 | F071104508010310 | F071104508010300 | 186                       | 325                       | 352                       | 2.0         | 1.30           | 11.5         |
|                  | 900            | 60 | F071104509010310 | F071104509010300 | 209                       | 365                       | 396                       | 2.3         | 1.30           | 12.9         |
|                  | 1000           | 60 | F071104510010310 | F071104510010300 | 232                       | 406                       | 440                       | 2.5         | 1.30           | 14.6         |
|                  | 1100           | 60 | F071104511010310 | F071104511010300 | 256                       | 446                       | 484                       | 2.8         | 1.30           | 15.3         |
|                  | 1200           | 60 | F071104512010310 | F071104512010300 | 279                       | 487                       | 528                       | 3.0         | 1.30           | 16.6         |
|                  | 1400           | 60 | F071104514010310 | F071104514010300 | 325                       | 568                       | 616                       | 3.5         | 1.30           | 19.2         |
|                  | 1600           | 60 | F071104516010310 | F071104516010300 | 372                       | 649                       | 703                       | 4.0         | 1.30           | 21.7         |
|                  | 1800           | 60 | F071104518010310 | F071104518010300 | 418                       | 730                       | 791                       | 4.5         | 1.30           | 24.2         |
|                  | 2000           | 60 | F071104520010310 | F071104520010300 | 465                       | 811                       | 879                       | 5.0         | 1.30           | 26.8         |
|                  | 2300           | 60 | F071104523010310 | F071104523010300 | 535                       | 933                       | 1011                      | 5.8         | 1.30           | 3.6          |
|                  | 2600           | 60 | F071104526010310 | F071104526010300 | 604                       | 1055                      | 1143                      | 6.5         | 1.30           | 34.4         |
|                  | 3000           | 60 | F071104530010310 | F071104530010300 | 697                       | 1217                      | 1319                      | 7.5         | 1.30           | 39.5         |
| Tüüp 21          |                |    |                  |                  |                           |                           |                           |             |                |              |
|                  | 400            | 70 | F072104504011300 |                  | 125                       | 218                       | 236                       | 2.0         | 1.30           | 10.2         |
|                  | 500            | 70 | F072104505011300 |                  | 157                       | 273                       | 296                       | 2.5         | 1.30           | 11.8         |
|                  | 600            | 70 | F072104506011300 |                  | 188                       | 327                       | 355                       | 3.0         | 1.30           | 13.8         |
|                  | 700            | 70 | F072104507011300 |                  | 219                       | 382                       | 414                       | 3.5         | 1.30           | 15.7         |
|                  | 800            | 70 | F072104508011300 |                  | 250                       | 436                       | 473                       | 4.0         | 1.30           | 17.7         |
|                  | 900            | 70 | F072104509011300 |                  | 282                       | 491                       | 532                       | 4.5         | 1.30           | 19.7         |
|                  | 1000           | 70 | F072104510011300 |                  | 313                       | 545                       | 591                       | 5.0         | 1.30           | 21.7         |
|                  | 1100           | 70 | F072104511011300 |                  | 344                       | 600                       | 650                       | 5.5         | 1.30           | 23.6         |



450

| KÕRGUS<br>450 mm | PIKKUS | SÜGAVUS |                  | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
|                  | 1200   | 70      | F072104512011300 | 376                       | 654                       | 709                       | 6.0         | 1.30           | 25.6         |
|                  | 1400   | 70      | F072104514011300 | 438                       | 764                       | 827                       | 7.0         | 1.30           | 29.5         |
|                  | 1600   | 70      | F072104516011300 | 501                       | 873                       | 946                       | 8.0         | 1.30           | 33.5         |
|                  | 1800   | 70      | F072104518011300 | 564                       | 982                       | 1064                      | 9.0         | 1.30           | 37.4         |
|                  | 2000   | 70      | F072104520011300 | 626                       | 1091                      | 1182                      | 10.0        | 1.30           | 41.4         |
|                  | 2300   | 70      | F072104523011300 | 720                       | 1254                      | 1359                      | 11.5        | 1.30           | 47.4         |
|                  | 2600   | 70      | F072104526011300 | 814                       | 1418                      | 1537                      | 13.0        | 1.30           | 53.2         |
|                  | 3000   | 70      | F072104530011300 | 939                       | 1636                      | 1773                      | 15.0        | 1.30           | 61.1         |
| Tüüp 22          |        |         |                  |                           |                           |                           |             |                |              |
|                  | 400    | 102     | F072204504011300 | 156                       | 274                       | 297                       | 2.0         | 1.32           | 11.2         |
|                  | 500    | 102     | F072204505011300 | 195                       | 343                       | 372                       | 2.5         | 1.32           | 13.4         |
|                  | 600    | 102     | F072204506011300 | 234                       | 411                       | 446                       | 3.0         | 1.32           | 15.7         |
|                  | 700    | 102     | F072204507011300 | 273                       | 480                       | 521                       | 3.5         | 1.32           | 18.0         |
|                  | 800    | 102     | F072204508011300 | 312                       | 548                       | 595                       | 4.0         | 1.32           | 2.3          |
|                  | 900    | 102     | F072204509011300 | 351                       | 617                       | 669                       | 4.5         | 1.32           | 22.5         |
|                  | 1000   | 102     | F072204510011300 | 390                       | 685                       | 744                       | 5.0         | 1.32           | 24.7         |
|                  | 1100   | 102     | F072204511011300 | 429                       | 754                       | 818                       | 5.5         | 1.32           | 27.0         |
|                  | 1200   | 102     | F072204512011300 | 468                       | 822                       | 892                       | 6.0         | 1.32           | 29.2         |
|                  | 1400   | 102     | F072204514011300 | 546                       | 960                       | 1041                      | 7.0         | 1.32           | 33.7         |
|                  | 1600   | 102     | F072204516011300 | 624                       | 1097                      | 1190                      | 8.0         | 1.32           | 38.2         |
|                  | 1800   | 102     | F072204518011300 | 702                       | 1234                      | 1339                      | 9.0         | 1.32           | 42.8         |
|                  | 2000   | 102     | F072204520011300 | 780                       | 1371                      | 1487                      | 10.0        | 1.32           | 47.3         |
|                  | 2300   | 102     | F072204523011300 | 897                       | 1576                      | 1711                      | 11.5        | 1.32           | 54.3         |
|                  | 2600   | 102     | F072204526011300 | 1014                      | 1782                      | 1934                      | 13.0        | 1.32           | 6.8          |
|                  | 3000   | 102     | F072204530011300 | 1169                      | 2056                      | 2231                      | 15.0        | 1.32           | 69.8         |
| Tüüp 33          |        |         |                  |                           |                           |                           |             |                |              |



## 450

| KÕRGUS<br>450 mm | PIKKUS | SÜGAVUS |                                   | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|-----------------------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
|                  | 400    | 152     | F073304504011310 F073304504011300 | 215                       | 379                       | 411                       | 3.0         | 1.33           | 15.9         |
|                  | 500    | 152     | F073304505011310 F073304505011300 | 268                       | 473                       | 514                       | 3.8         | 1.33           | 19.3         |
|                  | 600    | 152     | F073304506011310 F073304506011300 | 322                       | 568                       | 617                       | 4.5         | 1.33           | 22.7         |
|                  | 700    | 152     | F073304507011310 F073304507011300 | 376                       | 663                       | 720                       | 5.3         | 1.33           | 26.2         |
|                  | 800    | 152     | F073304508011310 F073304508011300 | 429                       | 757                       | 822                       | 6.0         | 1.33           | 29.6         |
|                  | 900    | 152     | F073304509011310 F073304509011300 | 483                       | 852                       | 925                       | 6.8         | 1.33           | 33.2         |
|                  | 1000   | 152     | F073304510011310 F073304510011300 | 536                       | 947                       | 1028                      | 7.5         | 1.33           | 36.4         |
|                  | 1100   | 152     | F073304511011310 F073304511011300 | 590                       | 1041                      | 1131                      | 8.3         | 1.33           | 39.9         |
|                  | 1200   | 152     | F073304512011310 F073304512011300 | 644                       | 1136                      | 1233                      | 9.0         | 1.33           | 43.3         |
|                  | 1400   | 152     | F073304514011310 F073304514011300 | 751                       | 1326                      | 1439                      | 10.5        | 1.33           | 5.2          |
|                  | 1600   | 152     | F073304516011310 F073304516011300 | 858                       | 1515                      | 1645                      | 12.0        | 1.33           | 57.4         |
|                  | 1800   | 152     | F073304518011310 F073304518011300 | 966                       | 1704                      | 1850                      | 13.5        | 1.33           | 63.9         |
|                  | 2000   | 152     | F073304520011310 F073304520011300 | 1073                      | 1894                      | 2056                      | 15.0        | 1.33           | 78           |
|                  | 2300   | 152     | F073304523011310 F073304523011300 | 1234                      | 2178                      | 2364                      | 17.3        | 1.33           | 9.0          |
|                  | 2600   | 152     | F073304526011310 F073304526011300 | 1395                      | 2462                      | 2673                      | 19.5        | 1.33           | 91.3         |
|                  | 3000   | 152     | F073304530011310 F073304530011300 | 1609                      | 2840                      | 3084                      | 22.5        | 1.33           | 109.2        |



500

| KÕRGUS<br>500 mm | PIKKUS | SÜGAVUS |                                   | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|-----------------------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
| Tüüp 11          |        |         |                                   |                           |                           |                           |             |                |              |
|                  | 400    | 60      | F071105004010310 F071105004010300 | 102                       | 178                       | 193                       | 1.1         | 1.31           | 6.9          |
|                  | 500    | 60      | F071105005010310 F071105005010300 | 127                       | 223                       | 241                       | 1.4         | 1.31           | 8.2          |
|                  | 600    | 60      | F071105006010310 F071105006010300 | 153                       | 267                       | 290                       | 1.6         | 1.31           | 9.5          |
|                  | 700    | 60      | F071105007010310 F071105007010300 | 178                       | 312                       | 338                       | 1.9         | 1.31           | 1.8          |
|                  | 800    | 60      | F071105008010310 F071105008010300 | 204                       | 356                       | 386                       | 2.2         | 1.31           | 12.1         |
|                  | 900    | 60      | F071105009010310 F071105009010300 | 229                       | 401                       | 434                       | 2.4         | 1.31           | 13.4         |
|                  | 1000   | 60      | F071105010010310 F071105010010300 | 255                       | 445                       | 483                       | 2.7         | 1.31           | 14.7         |
|                  | 1100   | 60      | F071105011010310 F071105011010300 | 280                       | 490                       | 531                       | 3.0         | 1.31           | 16.4         |
|                  | 1200   | 60      | F071105012010310 F071105012010300 | 306                       | 534                       | 579                       | 3.2         | 1.31           | 17.4         |
|                  | 1400   | 60      | F071105014010310 F071105014010300 | 357                       | 623                       | 676                       | 3.8         | 1.31           | 20.0         |
|                  | 1600   | 60      | F071105016010310 F071105016010300 | 408                       | 712                       | 772                       | 4.3         | 1.31           | 22.6         |
|                  | 1800   | 60      | F071105018010310 F071105018010300 | 459                       | 801                       | 869                       | 4.9         | 1.31           | 25.2         |
|                  | 2000   | 60      | F071105020010310 F071105020010300 | 510                       | 890                       | 965                       | 5.4         | 1.31           | 27.8         |
|                  | 2300   | 60      | F071105023010310 F071105023010300 | 586                       | 1024                      | 1110                      | 6.2         | 1.31           | 31.8         |
|                  | 2600   | 60      | F071105026010310 F071105026010300 | 663                       | 1158                      | 1255                      | 7.0         | 1.31           | 35.7         |
|                  | 3000   | 60      | F071105030010310 F071105030010300 | 765                       | 1336                      | 1448                      | 8.1         | 1.31           | 4.9          |
| Tüüp 21          |        |         |                                   |                           |                           |                           |             |                |              |
|                  | 400    | 70      | F072105004011300                  | 136                       | 237                       | 257                       | 2.2         | 1.31           | 1.8          |
|                  | 500    | 70      | F072105005011300                  | 170                       | 296                       | 321                       | 2.8         | 1.31           | 12.2         |
|                  | 600    | 70      | F072105006011300                  | 204                       | 356                       | 386                       | 3.3         | 1.31           | 14.3         |
|                  | 700    | 70      | F072105007011300                  | 237                       | 415                       | 450                       | 3.9         | 1.31           | 16.3         |
|                  | 800    | 70      | F072105008011300                  | 271                       | 474                       | 514                       | 4.4         | 1.31           | 18.4         |
|                  | 900    | 70      | F072105009011300                  | 305                       | 533                       | 578                       | 5.0         | 1.31           | 2.5          |
|                  | 1000   | 70      | F072105010011300                  | 339                       | 593                       | 643                       | 5.5         | 1.31           | 22.6         |
|                  | 1100   | 70      | F072105011011300                  | 373                       | 652                       | 707                       | 6.0         | 1.31           | 24.7         |



500

| KÕRGUS<br>500 mm | PIKKUS | SÜGAVUS |                  | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
|                  | 1200   | 70      | F072105012011300 | 407                       | 711                       | 771                       | 6.6         | 1.31           | 26.7         |
|                  | 1400   | 70      | F072105014011300 | 475                       | 830                       | 900                       | 7.7         | 1.31           | 3.9          |
|                  | 1600   | 70      | F072105016011300 | 543                       | 948                       | 1028                      | 8.8         | 1.31           | 35.8         |
|                  | 1800   | 70      | F072105018011300 | 611                       | 1067                      | 1157                      | 9.9         | 1.31           | 39.3         |
|                  | 2000   | 70      | F072105020011300 | 679                       | 1185                      | 1285                      | 11.0        | 1.31           | 43.5         |
|                  | 2300   | 70      | F072105023011300 | 780                       | 1363                      | 1478                      | 12.7        | 1.31           | 49.7         |
|                  | 2600   | 70      | F072105026011300 | 882                       | 1541                      | 1671                      | 14.3        | 1.31           | 55.9         |
|                  | 3000   | 70      | F072105030011300 | 1018                      | 1778                      | 1928                      | 16.5        | 1.31           | 64.2         |
| Tüüp 22          |        |         |                  |                           |                           |                           |             |                |              |
|                  | 400    | 102     | F072205004011300 | 169                       | 299                       | 324                       | 2.2         | 1.33           | 11.9         |
|                  | 500    | 102     | F072205005011300 | 212                       | 373                       | 405                       | 2.8         | 1.33           | 14.2         |
|                  | 600    | 102     | F072205006011300 | 254                       | 448                       | 486                       | 3.3         | 1.33           | 16.5         |
|                  | 700    | 102     | F072205007011300 | 297                       | 522                       | 567                       | 3.9         | 1.33           | 19.0         |
|                  | 800    | 102     | F072205008011300 | 339                       | 597                       | 648                       | 4.4         | 1.33           | 21.3         |
|                  | 900    | 102     | F072205009011300 | 381                       | 672                       | 729                       | 5.0         | 1.33           | 23.6         |
|                  | 1000   | 102     | F072205010011300 | 424                       | 746                       | 810                       | 5.5         | 1.33           | 26.9         |
|                  | 1100   | 102     | F072205011011300 | 466                       | 821                       | 891                       | 6.0         | 1.33           | 28.4         |
|                  | 1200   | 102     | F072205012011300 | 508                       | 896                       | 972                       | 6.6         | 1.33           | 3.7          |
|                  | 1400   | 102     | F072205014011300 | 593                       | 1045                      | 1134                      | 7.7         | 1.33           | 35.5         |
|                  | 1600   | 102     | F072205016011300 | 678                       | 1194                      | 1296                      | 8.8         | 1.33           | 4.2          |
|                  | 1800   | 102     | F072205018011300 | 763                       | 1343                      | 1458                      | 9.9         | 1.33           | 44.9         |
|                  | 2000   | 102     | F072205020011300 | 847                       | 1493                      | 1620                      | 11.0        | 1.33           | 49.7         |
|                  | 2300   | 102     | F072205023011300 | 974                       | 1717                      | 1863                      | 12.7        | 1.33           | 56.8         |
|                  | 2600   | 102     | F072205026011300 | 1102                      | 1940                      | 2106                      | 14.3        | 1.33           | 63.9         |
|                  | 3000   | 102     | F072205030011300 | 1271                      | 2239                      | 2430                      | 16.5        | 1.33           | 73.3         |
| Tüüp 33          |        |         |                  |                           |                           |                           |             |                |              |





## 500

| KÕRGUS<br>500 mm | PIKKUS | SÜGAVUS |                                   | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|-----------------------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
|                  | 400    | 152     | F073305004011310 F073305004011300 | 232                       | 411                       | 447                       | 3.3         | 1.34           | 16.9         |
|                  | 500    | 152     | F073305005011310 F073305005011300 | 290                       | 514                       | 558                       | 4.1         | 1.34           | 2.5          |
|                  | 600    | 152     | F073305006011310 F073305006011300 | 349                       | 617                       | 670                       | 4.9         | 1.34           | 24.1         |
|                  | 700    | 152     | F073305007011310 F073305007011300 | 407                       | 719                       | 781                       | 5.7         | 1.34           | 27.7         |
|                  | 800    | 152     | F073305008011310 F073305008011300 | 465                       | 822                       | 893                       | 6.6         | 1.34           | 31.3         |
|                  | 900    | 152     | F073305009011310 F073305009011300 | 523                       | 925                       | 1005                      | 7.4         | 1.34           | 34.9         |
|                  | 1000   | 152     | F073305010011310 F073305010011300 | 581                       | 1028                      | 1116                      | 8.2         | 1.34           | 38.6         |
|                  | 1100   | 152     | F073305011011310 F073305011011300 | 639                       | 1131                      | 1228                      | 9.0         | 1.34           | 42.2         |
|                  | 1200   | 152     | F073305012011310 F073305012011300 | 697                       | 1233                      | 1340                      | 9.8         | 1.34           | 45.8         |
|                  | 1400   | 152     | F073305014011310 F073305014011300 | 813                       | 1439                      | 1563                      | 11.5        | 1.34           | 53.2         |
|                  | 1600   | 152     | F073305016011310 F073305016011300 | 930                       | 1645                      | 1786                      | 13.1        | 1.34           | 6.3          |
|                  | 1800   | 152     | F073305018011310 F073305018011300 | 1046                      | 1850                      | 2009                      | 14.8        | 1.34           | 67.5         |
|                  | 2000   | 152     | F073305020011310 F073305020011300 | 1162                      | 2056                      | 2233                      | 16.4        | 1.34           | 74.8         |
|                  | 2300   | 152     | F073305023011310 F073305023011300 | 1336                      | 2364                      | 2567                      | 18.9        | 1.34           | 85.5         |
|                  | 2600   | 152     | F073305026011310 F073305026011300 | 1511                      | 2672                      | 2902                      | 21.3        | 1.34           | 100.2        |
|                  | 3000   | 152     | F073305030011310 F073305030011300 | 1743                      | 3084                      | 3349                      | 24.6        | 1.34           | 11.8         |



## 600

| KÕRGUS<br>600 mm | PIKKUS | SÜGAVUS |                                   | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|-----------------------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
| Tüüp 11          |        |         |                                   |                           |                           |                           |             |                |              |
|                  | 400    | 60      | F071106004010310 F071106004010300 | 119                       | 208                       | 226                       | 1.3         | 1.31           | 8.4          |
|                  | 500    | 60      | F071106005010310 F071106005010300 | 149                       | 260                       | 282                       | 1.6         | 1.31           | 10.0         |
|                  | 600    | 60      | F071106006010310 F071106006010300 | 179                       | 313                       | 339                       | 1.9         | 1.31           | 11.2         |
|                  | 700    | 60      | F071106007010310 F071106007010300 | 208                       | 365                       | 395                       | 2.2         | 1.31           | 12.8         |
|                  | 800    | 60      | F071106008010310 F071106008010300 | 238                       | 417                       | 452                       | 2.6         | 1.31           | 14.4         |
|                  | 900    | 60      | F071106009010310 F071106009010300 | 268                       | 469                       | 508                       | 2.9         | 1.31           | 16.2         |
|                  | 1000   | 60      | F071106010010310 F071106010010300 | 298                       | 521                       | 565                       | 3.2         | 1.31           | 17.6         |
|                  | 1100   | 60      | F071106011010310 F071106011010300 | 327                       | 573                       | 621                       | 3.5         | 1.31           | 19.2         |
|                  | 1200   | 60      | F071106012010310 F071106012010300 | 357                       | 625                       | 678                       | 3.8         | 1.31           | 2.8          |
|                  | 1400   | 60      | F071106014010310 F071106014010300 | 417                       | 729                       | 791                       | 4.5         | 1.31           | 24.0         |
|                  | 1600   | 60      | F071106016010310 F071106016010300 | 476                       | 834                       | 904                       | 5.1         | 1.31           | 27.2         |
|                  | 1800   | 60      | F071106018010310 F071106018010300 | 536                       | 938                       | 1017                      | 5.8         | 1.31           | 3.3          |
|                  | 2000   | 60      | F071106020010310 F071106020010300 | 595                       | 1042                      | 1130                      | 6.4         | 1.31           | 33.5         |
|                  | 2300   | 60      | F071106023010310 F071106023010300 | 685                       | 1198                      | 1299                      | 7.4         | 1.31           | 38.3         |
|                  | 2600   | 60      | F071106026010310 F071106026010300 | 774                       | 1354                      | 1469                      | 8.3         | 1.31           | 43.6         |
|                  | 3000   | 60      | F071106030010310 F071106030010300 | 893                       | 1563                      | 1695                      | 9.6         | 1.31           | 49.4         |
| Tüüp 21          |        |         |                                   |                           |                           |                           |             |                |              |
|                  | 400    | 70      | F072106004011300                  | 155                       | 273                       | 296                       | 2.6         | 1.32           | 12.2         |
|                  | 500    | 70      | F072106005011300                  | 194                       | 341                       | 370                       | 3.3         | 1.32           | 14.7         |
|                  | 600    | 70      | F072106006011300                  | 233                       | 409                       | 444                       | 4.0         | 1.32           | 17.2         |
|                  | 700    | 70      | F072106007011300                  | 272                       | 478                       | 518                       | 4.6         | 1.32           | 19.7         |
|                  | 800    | 70      | F072106008011300                  | 311                       | 546                       | 592                       | 5.3         | 1.32           | 22.2         |
|                  | 900    | 70      | F072106009011300                  | 349                       | 614                       | 666                       | 5.9         | 1.32           | 24.7         |
|                  | 1000   | 70      | F072106010011300                  | 388                       | 682                       | 740                       | 6.6         | 1.32           | 27.2         |
|                  | 1100   | 70      | F072106011011300                  | 427                       | 751                       | 814                       | 7.3         | 1.32           | 29.7         |



600

| KÕRGUS<br>600 mm | PIKKUS | SÜGAVUS |                  | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
|                  | 1200   | 70      | F072106012011300 | 466                       | 819                       | 888                       | 7.9         | 1.32           | 32.2         |
|                  | 1400   | 70      | F072106014011300 | 544                       | 955                       | 1036                      | 9.2         | 1.32           | 37.3         |
|                  | 1600   | 70      | F072106016011300 | 621                       | 1092                      | 1184                      | 10.6        | 1.32           | 42.3         |
|                  | 1800   | 70      | F072106018011300 | 699                       | 1228                      | 1332                      | 11.9        | 1.32           | 47.3         |
|                  | 2000   | 70      | F072106020011300 | 777                       | 1365                      | 1481                      | 13.2        | 1.32           | 52.3         |
|                  | 2300   | 70      | F072106023011300 | 893                       | 1569                      | 1703                      | 15.2        | 1.32           | 59.8         |
|                  | 2600   | 70      | F072106026011300 | 1009                      | 1774                      | 1925                      | 17.2        | 1.32           | 67.4         |
|                  | 3000   | 70      | F072106030011300 | 1165                      | 2047                      | 2221                      | 19.8        | 1.32           | 77.4         |
| Tüüp 22          |        |         |                  |                           |                           |                           |             |                |              |
|                  | 400    | 102     | F072206004011300 | 195                       | 346                       | 375                       | 2.6         | 1.34           | 14.1         |
|                  | 500    | 102     | F072206005011300 | 244                       | 432                       | 469                       | 3.3         | 1.34           | 17.4         |
|                  | 600    | 102     | F072206006011300 | 293                       | 518                       | 563                       | 4.0         | 1.34           | 19.9         |
|                  | 700    | 102     | F072206007011300 | 342                       | 605                       | 657                       | 4.6         | 1.34           | 22.9         |
|                  | 800    | 102     | F072206008011300 | 391                       | 691                       | 750                       | 5.3         | 1.34           | 25.8         |
|                  | 900    | 102     | F072206009011300 | 440                       | 777                       | 844                       | 5.9         | 1.34           | 28.7         |
|                  | 1000   | 102     | F072206010011300 | 488                       | 864                       | 938                       | 6.6         | 1.34           | 31.6         |
|                  | 1100   | 102     | F072206011011300 | 537                       | 950                       | 1032                      | 7.3         | 1.34           | 34.5         |
|                  | 1200   | 102     | F072206012011300 | 586                       | 1037                      | 1126                      | 7.9         | 1.34           | 37.4         |
|                  | 1400   | 102     | F072206014011300 | 684                       | 1209                      | 1313                      | 9.2         | 1.34           | 43.3         |
|                  | 1600   | 102     | F072206016011300 | 782                       | 1382                      | 1501                      | 10.6        | 1.34           | 50.0         |
|                  | 1800   | 102     | F072206018011300 | 879                       | 1555                      | 1688                      | 11.9        | 1.34           | 54.9         |
|                  | 2000   | 102     | F072206020011300 | 977                       | 1728                      | 1876                      | 13.2        | 1.34           | 6.8          |
|                  | 2300   | 102     | F072206023011300 | 1124                      | 1987                      | 2157                      | 15.2        | 1.34           | 69.5         |
|                  | 2600   | 102     | F072206026011300 | 1270                      | 2246                      | 2439                      | 17.2        | 1.34           | 78.2         |
|                  | 3000   | 102     | F072206030011300 | 1465                      | 2591                      | 2814                      | 19.8        | 1.34           | 89.9         |
| Tüüp 33          |        |         |                  |                           |                           |                           |             |                |              |



## 600

| KÕRGUS<br>600 mm | PIKKUS | SÜGAVUS |                                   | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|-----------------------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
|                  | 400    | 152     | F073306004011310 F073306004011300 | 266                       | 473                       | 514                       | 3.9         | 1.35           | 2.2          |
|                  | 500    | 152     | F073306005011310 F073306005011300 | 333                       | 592                       | 643                       | 4.9         | 1.35           | 24.6         |
|                  | 600    | 152     | F073306006011310 F073306006011300 | 399                       | 710                       | 771                       | 5.9         | 1.35           | 28.9         |
|                  | 700    | 152     | F073306007011310 F073306007011300 | 466                       | 828                       | 900                       | 6.9         | 1.35           | 33.2         |
|                  | 800    | 152     | F073306008011310 F073306008011300 | 532                       | 946                       | 1029                      | 7.8         | 1.35           | 37.5         |
|                  | 900    | 152     | F073306009011310 F073306009011300 | 599                       | 1065                      | 1157                      | 8.8         | 1.35           | 41.9         |
|                  | 1000   | 152     | F073306010011310 F073306010011300 | 665                       | 1183                      | 1286                      | 9.8         | 1.35           | 46.2         |
|                  | 1100   | 152     | F073306011011310 F073306011011300 | 732                       | 1301                      | 1414                      | 10.8        | 1.35           | 5.5          |
|                  | 1200   | 152     | F073306012011310 F073306012011300 | 798                       | 1420                      | 1543                      | 11.8        | 1.35           | 54.9         |
|                  | 1400   | 152     | F073306014011310 F073306014011300 | 932                       | 1656                      | 1800                      | 13.7        | 1.35           | 63.5         |
|                  | 1600   | 152     | F073306016011310 F073306016011300 | 1065                      | 1893                      | 2057                      | 15.7        | 1.35           | 72.2         |
|                  | 1800   | 152     | F073306018011310 F073306018011300 | 1198                      | 2129                      | 2314                      | 17.6        | 1.35           | 8.8          |
|                  | 2000   | 152     | F073306020011310 F073306020011300 | 1331                      | 2366                      | 2571                      | 19.6        | 1.35           | 89.5         |
|                  | 2300   | 152     | F073306023011310 F073306023011300 | 1530                      | 2721                      | 2957                      | 22.5        | 1.35           | 106.6        |
|                  | 2600   | 152     | F073306026011310 F073306026011300 | 1730                      | 3076                      | 3343                      | 25.5        | 1.35           | 115.5        |
|                  | 3000   | 152     | F073306030011310 F073306030011300 | 1996                      | 3549                      | 3857                      | 29.4        | 1.35           | 132.8        |



## 900

| KÕRGUS<br>900 mm | PIKKUS | SÜGAVUS |                                   | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|-----------------------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
| Tüüp 11          |        |         |                                   |                           |                           |                           |             |                |              |
|                  | 400    | 60      | F071109004010310 F071109004010300 | 166                       | 291                       | 316                       | 1.8         | 1.32           | 11.6         |
|                  | 500    | 60      | F071109005010310 F071109005010300 | 208                       | 364                       | 395                       | 2.3         | 1.32           | 14.6         |
|                  | 600    | 60      | F071109006010310 F071109006010300 | 249                       | 437                       | 474                       | 2.7         | 1.32           | 16.4         |
|                  | 700    | 60      | F071109007010310 F071109007010300 | 291                       | 510                       | 553                       | 3.1         | 1.32           | 18.9         |
|                  | 800    | 60      | F071109008010310 F071109008010300 | 332                       | 583                       | 632                       | 3.6         | 1.32           | 21.3         |
|                  | 900    | 60      | F071109009010310 F071109009010300 | 374                       | 655                       | 711                       | 4.0         | 1.32           | 23.7         |
|                  | 1000   | 60      | F071109010010310 F071109010010300 | 415                       | 728                       | 790                       | 4.5         | 1.32           | 26.2         |
|                  | 1100   | 60      | F071109011010310 F071109011010300 | 457                       | 801                       | 869                       | 5.0         | 1.32           | 28.6         |
|                  | 1200   | 60      | F071109012010310 F071109012010300 | 498                       | 874                       | 948                       | 5.4         | 1.32           | 31.2         |
|                  | 1400   | 60      | F071109014010310 F071109014010300 | 581                       | 1019                      | 1106                      | 6.3         | 1.32           | 35.9         |
|                  | 1600   | 60      | F071109016010310 F071109016010300 | 664                       | 1165                      | 1264                      | 7.2         | 1.32           | 4.7          |
|                  | 1800   | 60      | F071109018010310 F071109018010300 | 747                       | 1311                      | 1422                      | 8.1         | 1.32           | 45.6         |
|                  | 2000   | 60      | F071109020010310 F071109020010300 | 830                       | 1456                      | 1580                      | 9.0         | 1.32           | 5.5          |
|                  | 2300   | 60      | F071109023010310 F071109023010300 | 955                       | 1675                      | 1817                      | 10.3        | 1.32           | 57.8         |
|                  | 2600   | 60      | F071109026010310 F071109026010300 | 1079                      | 1893                      | 2054                      | 11.7        | 1.32           | 65.6         |
|                  | 3000   | 60      | F071109030010310 F071109030010300 | 1245                      | 2185                      | 2370                      | 13.5        | 1.32           | 74.8         |
| Tüüp 21          |        |         |                                   |                           |                           |                           |             |                |              |
|                  | 400    | 70      | F072109004011300                  | 212                       | 376                       | 408                       | 3.6         | 1.34           | 17.5         |
|                  | 500    | 70      | F072109005011300                  | 265                       | 470                       | 510                       | 4.5         | 1.34           | 21.4         |
|                  | 600    | 70      | F072109006011300                  | 318                       | 563                       | 612                       | 5.4         | 1.34           | 25.2         |
|                  | 700    | 70      | F072109007011300                  | 371                       | 657                       | 714                       | 6.3         | 1.34           | 29.4         |
|                  | 800    | 70      | F072109008011300                  | 424                       | 751                       | 816                       | 7.2         | 1.34           | 32.9         |
|                  | 900    | 70      | F072109009011300                  | 477                       | 845                       | 918                       | 8.1         | 1.34           | 36.7         |
|                  | 1000   | 70      | F072109010011300                  | 530                       | 939                       | 1020                      | 9.0         | 1.34           | 4.6          |
|                  | 1100   | 70      | F072109011011300                  | 583                       | 1033                      | 1122                      | 9.9         | 1.34           | 44.4         |



900

| KÕRGUS<br>900 mm | PIKKUS | SÜGAVUS |                  | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
|                  | 1200   | 70      | F072109012011300 | 636                       | 1127                      | 1224                      | 10.8        | 1.34           | 48.2         |
|                  | 1400   | 70      | F072109014011300 | 742                       | 1315                      | 1428                      | 12.6        | 1.34           | 55.9         |
|                  | 1600   | 70      | F072109016011300 | 849                       | 1502                      | 1632                      | 14.4        | 1.34           | 63.6         |
|                  | 1800   | 70      | F072109018011300 | 955                       | 1690                      | 1836                      | 16.2        | 1.34           | 71.3         |
|                  | 2000   | 70      | F072109020011300 | 1061                      | 1878                      | 2040                      | 18.0        | 1.34           | 78.9         |
|                  | 2300   | 70      | F072109023011300 | 1220                      | 2160                      | 2346                      | 20.7        | 1.34           | 9.5          |
|                  | 2600   | 70      | F072109026011300 | 1379                      | 2442                      | 2652                      | 23.4        | 1.34           | 106.0        |
|                  | 3000   | 70      | F072109030011300 | 1591                      | 2817                      | 3060                      | 27.0        | 1.34           | 122.0        |
| Tüüp 22          |        |         |                  |                           |                           |                           |             |                |              |
|                  | 400    | 102     | F072209004011300 | 268                       | 478                       | 520                       | 3.6         | 1.36           | 2.4          |
|                  | 500    | 102     | F072209005011300 | 335                       | 597                       | 649                       | 4.5         | 1.36           | 24.8         |
|                  | 600    | 102     | F072209006011300 | 402                       | 717                       | 779                       | 5.4         | 1.36           | 29.1         |
|                  | 700    | 102     | F072209007011300 | 469                       | 836                       | 909                       | 6.3         | 1.36           | 33.4         |
|                  | 800    | 102     | F072209008011300 | 536                       | 956                       | 1039                      | 7.2         | 1.36           | 37.8         |
|                  | 900    | 102     | F072209009011300 | 603                       | 1075                      | 1169                      | 8.1         | 1.36           | 42.1         |
|                  | 1000   | 102     | F072209010011300 | 670                       | 1194                      | 1299                      | 9.0         | 1.36           | 46.5         |
|                  | 1100   | 102     | F072209011011300 | 737                       | 1314                      | 1429                      | 9.9         | 1.36           | 5.8          |
|                  | 1200   | 102     | F072209012011300 | 804                       | 1433                      | 1559                      | 10.8        | 1.36           | 55.1         |
|                  | 1400   | 102     | F072209014011300 | 938                       | 1672                      | 1818                      | 12.6        | 1.36           | 63.8         |
|                  | 1600   | 102     | F072209016011300 | 1072                      | 1911                      | 2078                      | 14.4        | 1.36           | 72.4         |
|                  | 1800   | 102     | F072209018011300 | 1205                      | 2150                      | 2338                      | 16.2        | 1.36           | 81.1         |
|                  | 2000   | 102     | F072209020011300 | 1339                      | 2389                      | 2598                      | 18.0        | 1.36           | 89.8         |
|                  | 2300   | 102     | F072209023011300 | 1540                      | 2747                      | 2987                      | 20.7        | 1.36           | 106.9        |
|                  | 2600   | 102     | F072209026011300 | 1741                      | 3106                      | 3377                      | 23.4        | 1.36           | 115.8        |
|                  | 3000   | 102     | F072209030011300 | 2009                      | 3583                      | 3896                      | 27.0        | 1.36           | 133.1        |
| Tüüp 33          |        |         |                  |                           |                           |                           |             |                |              |



## 900

| KÕRGUS<br>900 mm | PIKKUS | SÜGAVUS |                                   | Võimsus (W)<br>45/35/20°C | Võimsus (W)<br>55/45/20°C | Võimsus (W)<br>60/45/20°C | MAHT<br>(l) | N-<br>ekponent | KAAL<br>(kg) |
|------------------|--------|---------|-----------------------------------|---------------------------|---------------------------|---------------------------|-------------|----------------|--------------|
|                  | 400    | 152     | F073309004011310 F073309004011300 | 364                       | 651                       | 708                       | 5.3         | 1.36           | 29.7         |
|                  | 500    | 152     | F073309005011310 F073309005011300 | 455                       | 814                       | 885                       | 6.7         | 1.36           | 36.3         |
|                  | 600    | 152     | F073309006011310 F073309006011300 | 547                       | 976                       | 1062                      | 8.0         | 1.36           | 42.9         |
|                  | 700    | 152     | F073309007011310 F073309007011300 | 638                       | 1139                      | 1239                      | 9.3         | 1.36           | 49.4         |
|                  | 800    | 152     | F073309008011310 F073309008011300 | 729                       | 1302                      | 1416                      | 10.6        | 1.36           | 56.0         |
|                  | 900    | 152     | F073309009011310 F073309009011300 | 820                       | 1465                      | 1593                      | 12.0        | 1.36           | 62.6         |
|                  | 1000   | 152     | F073309010011310 F073309010011300 | 911                       | 1627                      | 1770                      | 13.3        | 1.36           | 69.1         |
|                  | 1100   | 152     | F073309011011310 F073309011011300 | 1002                      | 1790                      | 1947                      | 14.6        | 1.36           | 75.7         |
|                  | 1200   | 152     | F073309012011310 F073309012011300 | 1093                      | 1953                      | 2124                      | 16.0        | 1.36           | 82.3         |
|                  | 1400   | 152     | F073309014011310 F073309014011300 | 1275                      | 2278                      | 2478                      | 18.6        | 1.36           | 95.4         |
|                  | 1600   | 152     | F073309016011310 F073309016011300 | 1457                      | 2604                      | 2832                      | 21.3        | 1.36           | 112.8        |
|                  | 1800   | 152     | F073309018011310 F073309018011300 | 1640                      | 2929                      | 3186                      | 23.9        | 1.36           | 121.7        |
|                  | 2000   | 152     | F073309020011310 F073309020011300 | 1822                      | 3255                      | 3540                      | 26.6        | 1.36           | 134.8        |
|                  | 2300   | 152     | F073309023011310 F073309023011300 | 2095                      | 3743                      | 4071                      | 30.6        | 1.36           | 154.5        |
|                  | 2600   | 152     | F073309026011310 F073309026011300 | 2368                      | 4231                      | 4602                      | 34.6        | 1.36           | 174.2        |
|                  | 3000   | 152     | F073309030011310 F073309030011300 | 2733                      | 4882                      | 5310                      | 39.9        | 1.36           | 2.5          |