

NP Drumfilter and NP Discfilter capacity table 3

Maximum flow capacity (l/s) for frame version

Intake surface water from river, lake or sea

Date: 2017-01-10

| Filter size | No of panels | Filter area (m ²) | Intake surface water <10 mg/l SS | | | | | | Intake surface water <50 mg/l SS | | | | | |
|-------------|--------------|-------------------------------|-------------------------------------|-------|-------|-------|-------|-------|-------------------------------------|-------|-------|-------|-------|-------|
| | | | Filter opening | | | | | | Filter opening | | | | | |
| | | | 10 µm | 20 µm | 30 µm | 40 µm | 60 µm | 90 µm | 10 µm | 20 µm | 30 µm | 40 µm | 60 µm | 90 µm |
| T602 | 2 | 0,7 | 5 | 11 | 20 | 20 | 20 | 20 | 3 | 6 | 10 | 12 | 15 | 19 |
| F802 | 2 | 0,9 | 8 | 15 | 28 | 33 | 43 | 54 | 4 | 8 | 14 | 16 | 22 | 27 |
| F804 | 4 | 1,8 | 16 | 31 | 56 | 67 | 87 | 109 | 8 | 16 | 27 | 32 | 44 | 54 |
| F806 | 6 | 2,7 | 23 | 46 | 84 | 100 | 130 | 163 | 12 | 25 | 41 | 48 | 66 | 81 |
| F808 | 8 | 3,6 | 31 | 62 | 112 | 133 | 168 | 168 | 16 | 33 | 55 | 64 | 87 | 108 |
| F1203 | 3 | 1,4 | 11 | 23 | 41 | 49 | 64 | 79 | 6 | 12 | 20 | 23 | 32 | 39 |
| F1206 | 6 | 2,7 | 23 | 45 | 82 | 97 | 127 | 159 | 12 | 24 | 40 | 47 | 64 | 79 |
| F1209 | 9 | 4,1 | 34 | 68 | 123 | 146 | 191 | 238 | 17 | 36 | 60 | 70 | 96 | 118 |
| F1212 | 12 | 5,4 | 46 | 90 | 164 | 195 | 254 | 318 | 23 | 48 | 80 | 93 | 128 | 158 |
| F1215 | 15 | 6,8 | 57 | 113 | 205 | 243 | 318 | 397 | 29 | 60 | 100 | 117 | 160 | 197 |
| F1218 | 18 | 8,1 | 69 | 136 | 246 | 292 | 382 | 408 | 35 | 72 | 120 | 140 | 192 | 237 |
| F1221 | 21 | 9,5 | 80 | 158 | 287 | 341 | 408 | 408 | 40 | 84 | 141 | 163 | 224 | 276 |
| F1224 | 24 | 10,8 | 92 | 181 | 329 | 389 | 408 | 408 | 46 | 96 | 161 | 187 | 256 | 316 |
| F1616 | 16 | 7,2 | 56 | 110 | 201 | 238 | 311 | 389 | 28 | 59 | 98 | 114 | 156 | 193 |
| F1620 | 20 | 9,0 | 70 | 138 | 251 | 298 | 389 | 486 | 35 | 73 | 123 | 142 | 195 | 241 |
| F1624 | 24 | 10,8 | 84 | 166 | 301 | 357 | 466 | 583 | 42 | 88 | 147 | 171 | 234 | 289 |
| F1628 | 28 | 12,6 | 98 | 193 | 351 | 417 | 544 | 680 | 49 | 103 | 172 | 199 | 274 | 338 |
| F1632 | 32 | 14,4 | 112 | 221 | 402 | 476 | 622 | 777 | 56 | 118 | 196 | 228 | 313 | 386 |
| F1636 | 36 | 16,2 | 126 | 248 | 452 | 536 | 699 | 784 | 63 | 132 | 221 | 256 | 352 | 434 |
| F1640 | 40 | 18,0 | 140 | 276 | 502 | 595 | 777 | 784 | 70 | 147 | 245 | 285 | 391 | 482 |
| F2030 | 30 | 13,5 | 95 | 188 | 342 | 406 | 530 | 662 | 48 | 100 | 167 | 194 | 266 | 329 |
| F2035 | 35 | 15,8 | 111 | 220 | 399 | 473 | 618 | 773 | 56 | 117 | 195 | 227 | 311 | 384 |
| F2040 | 40 | 18,0 | 127 | 251 | 456 | 541 | 707 | 883 | 64 | 134 | 223 | 259 | 355 | 438 |
| F2045 | 45 | 20,3 | 143 | 282 | 513 | 609 | 795 | 994 | 72 | 150 | 251 | 291 | 400 | 493 |
| F2050 | 50 | 22,5 | 159 | 314 | 570 | 676 | 883 | 1104 | 80 | 167 | 279 | 324 | 444 | 548 |
| S1904/03 | 3 | 9,0 | 59 | 117 | 212 | 240 | 240 | 240 | 30 | 62 | 104 | 120 | 165 | 204 |
| S1904 | 4 | 12,0 | 79 | 156 | 283 | 320 | 320 | 320 | 40 | 83 | 138 | 161 | 220 | 272 |
| S1906/05 | 5 | 15,0 | 99 | 195 | 354 | 400 | 400 | 400 | 50 | 104 | 173 | 201 | 275 | 340 |
| S1906 | 6 | 18,0 | 118 | 233 | 424 | 480 | 480 | 480 | 59 | 124 | 207 | 241 | 330 | 408 |
| S1908/07 | 7 | 21,0 | 138 | 272 | 495 | 560 | 560 | 560 | 69 | 145 | 242 | 281 | 385 | 476 |
| S1908 | 8 | 24,0 | 158 | 311 | 566 | 640 | 625 | 625 | 79 | 166 | 277 | 321 | 440 | 544 |
| S1910/09 | 9 | 27,0 | 178 | 350 | 625 | 625 | 625 | 625 | 89 | 186 | 311 | 361 | 496 | 612 |
| S1910 | 10 | 30,0 | 197 | 389 | 625 | 625 | 625 | 625 | 99 | 207 | 346 | 402 | 551 | 625 |
| S1912/11 | 11 | 33,0 | 217 | 428 | 625 | 625 | 625 | 625 | 109 | 228 | 380 | 442 | 606 | 625 |
| S1912 | 12 | 36,0 | 237 | 467 | 625 | 625 | 625 | 625 | 119 | 248 | 415 | 482 | 625 | 625 |
| S1914/13 | 13 | 39,0 | 257 | 506 | 625 | 625 | 625 | 625 | 129 | 269 | 450 | 522 | 625 | 625 |
| S1914 | 14 | 42,0 | 276 | 545 | 625 | 625 | 625 | 625 | 139 | 290 | 484 | 562 | 625 | 625 |
| S1916/15 | 15 | 45,0 | 296 | 584 | 625 | 625 | 625 | 625 | 149 | 311 | 519 | 602 | 625 | 625 |
| S1916 | 16 | 48,0 | 316 | 622 | 625 | 625 | 625 | 625 | 158 | 331 | 553 | 625 | 625 | 625 |

Notes: The capacity figures above are maximum values. Typically it is recommended to size with a extra margin of 10 %.

The given flow capacities refer to experienced data. Differences occur depending on the quality of the flocks.