

# Ocelové ploché radiátory IMMERPAN

IMMERPAN STANDARD - STD  
(klasická konstrukce radiátorů)

IMMERPAN COMPACT VENTIL - CV  
(ventilová konstrukce radiátorů)

| 20°C<br>Délka t <sub>1</sub> / t <sub>2</sub><br>(mm) | Typ 10       |      |      |      |      | Typ 11       |      |      |      |      | Typ 20       |     |     |      |      |   |
|---|--------------|------|------|------|------|--------------|------|------|------|------|--------------|-----|-----|------|------|---|
|   | Výška H (mm) |      |      |      |      | Výška H (mm) |      |      |      |      | Výška H (mm) |     |     |      |      |   |
|   | 300          | 400  | 500  | 600  | 900  | 300          | 400  | 500  | 600  | 900  | 300          | 400 | 500 | 600  | 900  |   |
| 400   | 90/70        | 181  | 227  | 273  | 305  | 450          | 250  | 311  | 383  | 449  | 638          | -   | -   | 465  | 539  | - |
|   | 75/65        | 142  | 180  | 216  | 242  | 354          | 198  | 247  | 304  | 354  | 504          | -   | -   | 368  | 427  | - |
|   | 55/45        | 73   | 94   | 112  | 126  | 182          | 104  | 130  | 160  | 183  | 260          | -   | -   | 192  | 222  | - |
| 500   | 90/70        | 226  | 284  | 341  | 381  | 562          | 312  | 389  | 479  | 561  | 798          | -   | -   | 582  | 674  | - |
|   | 75/65        | 178  | 225  | 270  | 302  | 443          | 248  | 309  | 381  | 443  | 630          | -   | -   | 461  | 534  | - |
|   | 55/45        | 91   | 117  | 140  | 157  | 227          | 130  | 162  | 200  | 229  | 325          | -   | -   | 240  | 278  | - |
| 600   | 90/70        | 271  | 341  | 409  | 458  | 674          | 375  | 467  | 575  | 673  | 957          | -   | -   | 698  | 809  | - |
|   | 75/65        | 214  | 270  | 324  | 362  | 532          | 298  | 371  | 457  | 532  | 756          | -   | -   | 553  | 641  | - |
|   | 55/45        | 110  | 141  | 168  | 188  | 273          | 156  | 194  | 240  | 275  | 390          | -   | -   | 287  | 333  | - |
| 700   | 90/70        | 316  | 397  | 478  | 534  | 787          | 437  | 545  | 670  | 785  | 1117         | -   | -   | 814  | 944  | - |
|   | 75/65        | 249  | 315  | 378  | 423  | 620          | 347  | 433  | 533  | 620  | 882          | -   | -   | 645  | 747  | - |
|   | 55/45        | 128  | 164  | 196  | 220  | 318          | 182  | 227  | 280  | 320  | 455          | -   | -   | 335  | 389  | - |
| 800   | 90/70        | 361  | 454  | 546  | 610  | 899          | 500  | 623  | 766  | 897  | 1276         | -   | -   | 931  | 1079 | - |
|   | 75/65        | 285  | 360  | 432  | 483  | 709          | 397  | 494  | 609  | 709  | 1008         | -   | -   | 737  | 854  | - |
|   | 55/45        | 146  | 188  | 224  | 251  | 364          | 208  | 259  | 320  | 366  | 521          | -   | -   | 383  | 444  | - |
| 900   | 90/70        | 406  | 511  | 614  | 687  | 1012         | 562  | 701  | 862  | 1010 | 1436         | -   | -   | 1047 | 1214 | - |
|   | 75/65        | 320  | 405  | 486  | 544  | 797          | 446  | 556  | 685  | 797  | 1134         | -   | -   | 829  | 961  | - |
|   | 55/45        | 165  | 211  | 253  | 283  | 409          | 234  | 291  | 360  | 412  | 586          | -   | -   | 431  | 500  | - |
| 1000  | 90/70        | 356  | 450  | 540  | 604  | 886          | 625  | 778  | 958  | 1122 | 1595         | -   | -   | 1163 | 1348 | - |
|   | 75/65        | 356  | 450  | 540  | 604  | 886          | 496  | 618  | 761  | 886  | 1260         | -   | -   | 921  | 1068 | - |
|   | 55/45        | 356  | 450  | 540  | 604  | 886          | 260  | 324  | 400  | 458  | 651          | -   | -   | 479  | 555  | - |
| 1100  | 90/70        | 497  | 624  | 750  | 839  | 1236         | 687  | 856  | 1053 | 1234 | 1755         | -   | -   | 1280 | 1483 | - |
|   | 75/65        | 392  | 495  | 594  | 664  | 975          | 546  | 680  | 837  | 975  | 1386         | -   | -   | 1013 | 1174 | - |
|   | 55/45        | 201  | 258  | 309  | 345  | 500          | 286  | 356  | 440  | 503  | 716          | -   | -   | 527  | 611  | - |
| 1200  | 90/70        | 542  | 681  | 819  | 915  | 1349         | 750  | 934  | 1149 | 1346 | 1914         | -   | -   | 1396 | 1618 | - |
|   | 75/65        | 427  | 540  | 648  | 725  | 1063         | 595  | 742  | 913  | 1063 | 1512         | -   | -   | 1105 | 1281 | - |
|   | 55/45        | 219  | 282  | 337  | 377  | 546          | 312  | 389  | 480  | 549  | 781          | -   | -   | 575  | 666  | - |
| 1300  | 90/70        | 587  | 738  | 887  | 992  | 1461         | 812  | 1012 | 1245 | 1458 | 2074         | -   | -   | 1512 | 1753 | - |
|   | 75/65        | 463  | 585  | 702  | 785  | 1152         | 645  | 803  | 989  | 1152 | 1638         | -   | -   | 1198 | 1388 | - |
|   | 55/45        | 238  | 305  | 365  | 408  | 591          | 338  | 421  | 520  | 595  | 846          | -   | -   | 623  | 722  | - |
| 1400  | 90/70        | 632  | 795  | 955  | 1068 | 1574         | 875  | 1090 | 1341 | 1570 | 2233         | -   | -   | 1629 | 1888 | - |
|   | 75/65        | 498  | 630  | 756  | 846  | 1240         | 694  | 865  | 1065 | 1240 | 1764         | -   | -   | 1290 | 1495 | - |
|   | 55/45        | 256  | 329  | 393  | 440  | 637          | 363  | 453  | 560  | 641  | 911          | -   | -   | 671  | 777  | - |
| 1500  | 90/70        | 677  | 851  | 1023 | 1144 | 1686         | 937  | 1168 | 1436 | 1683 | 2393         | -   | -   | 1745 | 2023 | - |
|   | 75/65        | 534  | 675  | 810  | 906  | 1329         | 744  | 927  | 1142 | 1329 | 1890         | -   | -   | 1382 | 1602 | - |
|   | 55/45        | 274  | 352  | 421  | 471  | 682          | 389  | 486  | 600  | 686  | 976          | -   | -   | 719  | 833  | - |
| 1600  | 90/70        | 722  | 908  | 1091 | 1221 | 1798         | 1000 | 1245 | 1532 | 1795 | 2552         | -   | -   | 1861 | 2157 | - |
|   | 75/65        | 570  | 720  | 864  | 966  | 1186         | 1418 | 794  | 989  | 1218 | 2016         | -   | -   | 1474 | 1708 | - |
|   | 55/45        | 293  | 376  | 449  | 502  | 728          | 415  | 518  | 640  | 732  | 1041         | -   | -   | 766  | 888  | - |
| 1800  | 90/70        | 813  | 1022 | 1228 | 1373 | 2023         | 1125 | 1401 | 1724 | 2019 | 2871         | -   | -   | 2094 | 2427 | - |
|   | 75/65        | 641  | 810  | 972  | 1087 | 1595         | 893  | 1112 | 1370 | 1595 | 2268         | -   | -   | 1658 | 1922 | - |
|   | 55/45        | 329  | 423  | 505  | 565  | 819          | 467  | 583  | 720  | 824  | 1171         | -   | -   | 862  | 999  | - |
| 2000  | 90/70        | 903  | 1135 | 1364 | 1526 | 2248         | 1250 | 1557 | 1915 | 2243 | 3190         | -   | -   | 2327 | 2697 | - |
|   | 75/65        | 712  | 900  | 1080 | 1208 | 1772         | 992  | 1236 | 1522 | 1772 | 2520         | -   | -   | 1842 | 2135 | - |
|   | 55/45        | 366  | 470  | 561  | 628  | 910          | 519  | 648  | 800  | 915  | 1301         | -   | -   | 958  | 1111 | - |
| 2200  | 90/70        | 993  | 1249 | 1501 | 1678 | 2473         | 1375 | 1712 | 2107 | 2468 | 3509         | -   | -   | 2559 | 2966 | - |
|   | 75/65        | 783  | 990  | 1188 | 1329 | 1949         | 1091 | 1360 | 1674 | 1949 | 2772         | -   | -   | 2027 | 2349 | - |
|   | 55/45        | 402  | 517  | 617  | 691  | 1001         | 571  | 712  | 879  | 1007 | 1431         | -   | -   | 1054 | 1222 | - |
| 2400  | 90/70        | 1084 | 1362 | 1637 | 1831 | 2698         | 1500 | 1868 | 2298 | 2692 | 3828         | -   | -   | 2792 | 3236 | - |
|   | 75/65        | 854  | 1080 | 1296 | 1450 | 2126         | 1190 | 1483 | 1826 | 2126 | 3024         | -   | -   | 2211 | 2563 | - |
|   | 55/45        | 439  | 564  | 673  | 754  | 1092         | 623  | 777  | 959  | 1098 | 1562         | -   | -   | 1150 | 1333 | - |
| 2600  | 90/70        | 1174 | 1476 | 1774 | 1983 | 2923         | 1625 | 2024 | 2490 | 2916 | 4147         | -   | -   | 3025 | 3506 | - |
|   | 75/65        | 926  | 1170 | 1404 | 1570 | 2304         | 1290 | 1607 | 1979 | 2304 | 3276         | -   | -   | 2395 | 2776 | - |
|   | 55/45        | 476  | 610  | 729  | 816  | 1183         | 675  | 842  | 1039 | 1190 | 1692         | -   | -   | 1246 | 1444 | - |
| 2800  | 90/70        | 1264 | 1589 | 1910 | 2136 | 3147         | 1750 | 2179 | 2681 | 3141 | 4466         | -   | -   | 3257 | 3775 | - |
|   | 75/65        | 997  | 1260 | 1512 | 1691 | 2481         | 1389 | 1730 | 2131 | 2481 | 3528         | -   | -   | 2579 | 2990 | - |
|   | 55/45        | 512  | 657  | 786  | 879  | 1274         | 727  | 907  | 1119 | 1281 | 1822         | -   | -   | 1341 | 1555 | - |
| 3000  | 90/70        | 1355 | 1703 | 2046 | 2288 | 3372         | 1875 | 2335 | 2873 | 3365 | 4786         | -   | -   | 3490 | 4045 | - |
|   | 75/65        | 1068 | 1350 | 1620 | 1812 | 2658         | 1488 | 1854 | 2283 | 2658 | 3780         | -   | -   | 2764 | 3203 | - |
|   | 55/45        | 549  | 704  | 842  | 942  | 1365         | 779  | 971  | 1199 | 1373 | 1952         | -   | -   | 1437 | 1666 | - |

Teplý výkon Q (W) pro teplotnou látku voda dle EN 442

# Ocelové ploché radiátory IMMERPAN

IMMERPAN STANDARD - STD  
(klasická konstrukce radiátorů)

IMMERPAN COMPACT VENTIL - CV  
(ventilová konstrukce radiátorů)

| 20°C  |   | Typ 21       |      |      |      |      | Typ 22 |      |      |      |      | Typ 33 |      |      |      |       |
|---|---|--------------|------|------|------|------|--------|------|------|------|------|--------|------|------|------|-------|
| Délka t <sub>1</sub> / t <sub>2</sub><br>(mm) | t <sub>1</sub> / t <sub>2</sub><br>(°C) | Výška H (mm) |      |      |      |      |        |      |      |      |      |        |      |      |      |       |
|   |   | 300          | 400  | 500  | 600  | 900  | 300    | 400  | 500  | 600  | 900  | 300    | 400  | 500  | 600  | 900   |
| 400   | 90/70                                   | 388          | 498  | 601  | 693  | 968  | 479    | 605  | 758  | 883  | 1200 | 702    | 888  | 1098 | 1282 | 1765  |
|   | 75/65                                   | 307          | 393  | 474  | 545  | 760  | 378    | 475  | 597  | 694  | 943  | 554    | 701  | 865  | 1008 | 1384  |
|   | 55/45                                   | 159          | 203  | 243  | 278  | 385  | 195    | 241  | 306  | 353  | 479  | 286    | 361  | 443  | 513  | 700   |
| 500   | 90/70                                   | 485          | 622  | 751  | 866  | 1210 | 599    | 757  | 947  | 1104 | 1500 | 877    | 1110 | 1373 | 1603 | 2206  |
|   | 75/65                                   | 384          | 492  | 592  | 682  | 950  | 473    | 594  | 746  | 867  | 1179 | 693    | 876  | 1081 | 1260 | 1730  |
|   | 55/45                                   | 198          | 254  | 304  | 348  | 481  | 243    | 302  | 382  | 441  | 599  | 357    | 451  | 553  | 641  | 875   |
| 600   | 90/70                                   | 583          | 747  | 901  | 1039 | 1452 | 719    | 908  | 1136 | 1325 | 1800 | 1053   | 1332 | 1647 | 1924 | 2648  |
|   | 75/65                                   | 460          | 590  | 710  | 818  | 1139 | 567    | 713  | 895  | 1040 | 1414 | 831    | 1051 | 1297 | 1511 | 2076  |
|   | 55/45                                   | 238          | 305  | 365  | 418  | 578  | 292    | 362  | 459  | 529  | 719  | 428    | 542  | 664  | 769  | 1050  |
| 700   | 90/70                                   | 680          | 871  | 1051 | 1213 | 1694 | 839    | 1059 | 1326 | 1545 | 2100 | 1228   | 1554 | 1922 | 2244 | 3089  |
|   | 75/65                                   | 537          | 688  | 829  | 954  | 1329 | 662    | 832  | 1044 | 1214 | 1650 | 970    | 1226 | 1513 | 1763 | 2422  |
|   | 55/45                                   | 277          | 355  | 426  | 487  | 674  | 340    | 422  | 535  | 617  | 839  | 500    | 632  | 775  | 897  | 1225  |
| 800   | 90/70                                   | 777          | 995  | 1201 | 1386 | 1936 | 958    | 1211 | 1515 | 1766 | 2400 | 1404   | 1776 | 2197 | 2565 | 3530  |
|   | 75/65                                   | 614          | 786  | 947  | 1090 | 1519 | 756    | 950  | 1194 | 1387 | 1886 | 1108   | 1402 | 1730 | 2015 | 2768  |
|   | 55/45                                   | 317          | 406  | 487  | 557  | 770  | 389    | 482  | 612  | 705  | 959  | 571    | 722  | 885  | 1025 | 1400  |
| 900   | 90/70                                   | 874          | 1120 | 1351 | 1559 | 2178 | 1078   | 1362 | 1704 | 1987 | 2700 | 1579   | 1998 | 2471 | 2885 | 3971  |
|   | 75/65                                   | 690          | 885  | 1066 | 1227 | 1709 | 851    | 1069 | 1343 | 1561 | 2121 | 1247   | 1577 | 1946 | 2267 | 3114  |
|   | 55/45                                   | 357          | 457  | 548  | 626  | 867  | 438    | 543  | 688  | 793  | 1079 | 643    | 812  | 996  | 1154 | 1575  |
| 1000  | 90/70                                   | 971          | 1244 | 1502 | 1732 | 2420 | 1198   | 1513 | 1894 | 2208 | 3000 | 1754   | 2220 | 2746 | 3206 | 4413  |
|   | 75/65                                   | 767          | 983  | 1184 | 1363 | 1899 | 945    | 1188 | 1492 | 1734 | 2357 | 1385   | 1752 | 2162 | 2519 | 3460  |
|   | 55/45                                   | 396          | 508  | 608  | 696  | 963  | 486    | 603  | 765  | 882  | 1199 | 714    | 903  | 1107 | 1282 | 1750  |
| 1100  | 90/70                                   | 1068         | 1369 | 1652 | 1906 | 2662 | 1318   | 1665 | 2083 | 2428 | 3300 | 1930   | 2442 | 3020 | 3527 | 4854  |
|   | 75/65                                   | 844          | 1081 | 1302 | 1499 | 2089 | 1040   | 1307 | 1641 | 1907 | 2593 | 1524   | 1927 | 2378 | 2771 | 3806  |
|   | 55/45                                   | 436          | 559  | 669  | 766  | 1059 | 535    | 663  | 841  | 970  | 1318 | 786    | 993  | 1217 | 1410 | 1925  |
| 1200  | 90/70                                   | 1165         | 1493 | 1802 | 2079 | 2904 | 1437   | 1816 | 2273 | 2649 | 3600 | 2105   | 2664 | 3295 | 3847 | 5295  |
|   | 75/65                                   | 920          | 1180 | 1421 | 1636 | 2279 | 1134   | 1426 | 1790 | 2081 | 2828 | 1662   | 2102 | 2594 | 3023 | 4152  |
|   | 55/45                                   | 476          | 609  | 730  | 835  | 1155 | 584    | 724  | 918  | 1058 | 1438 | 857    | 1083 | 1328 | 1538 | 2100  |
| 1300  | 90/70                                   | 1262         | 1618 | 1952 | 2252 | 3146 | 1557   | 1967 | 2462 | 2870 | 3901 | 2281   | 2886 | 3569 | 4168 | 5737  |
|   | 75/65                                   | 997          | 1278 | 1539 | 1772 | 2469 | 1229   | 1544 | 1940 | 2254 | 3064 | 1801   | 2278 | 2811 | 3275 | 4498  |
|   | 55/45                                   | 515          | 660  | 791  | 905  | 1252 | 632    | 784  | 994  | 1146 | 1558 | 928    | 1173 | 1439 | 1666 | 2275  |
| 1400  | 90/70                                   | 1359         | 1742 | 2102 | 2425 | 3388 | 1677   | 2119 | 2651 | 3091 | 4201 | 2456   | 3108 | 3844 | 4488 | 6178  |
|   | 75/65                                   | 1074         | 1376 | 1658 | 1908 | 2659 | 1323   | 1663 | 2089 | 2428 | 3300 | 1939   | 2453 | 3027 | 3527 | 4844  |
|   | 55/45                                   | 555          | 711  | 852  | 975  | 1348 | 681    | 844  | 1071 | 1234 | 1678 | 1000   | 1264 | 1549 | 1794 | 2451  |
| 1500  | 90/70                                   | 1456         | 1867 | 2252 | 2599 | 3630 | 1797   | 2270 | 2841 | 3311 | 4501 | 2632   | 3330 | 4119 | 4809 | 6619  |
|   | 75/65                                   | 1151         | 1475 | 1776 | 2045 | 2849 | 1418   | 1782 | 2238 | 2601 | 3536 | 2078   | 2628 | 3243 | 3779 | 5190  |
|   | 55/45                                   | 594          | 762  | 913  | 1044 | 1444 | 729    | 905  | 1147 | 1322 | 1798 | 1071   | 1354 | 1660 | 1923 | 2626  |
| 1600  | 90/70                                   | 1553         | 1991 | 2402 | 2772 | 3872 | 1917   | 2421 | 3030 | 3532 | 4801 | 2807   | 3552 | 4393 | 5129 | 7060  |
|   | 75/65                                   | 1227         | 1573 | 1894 | 2181 | 3038 | 1512   | 1901 | 2387 | 2774 | 3771 | 2216   | 2803 | 3459 | 4030 | 5536  |
|   | 55/45                                   | 634          | 812  | 974  | 1114 | 1540 | 778    | 965  | 1224 | 1410 | 1918 | 1143   | 1444 | 1771 | 2051 | 2801  |
| 1800  | 90/70                                   | 1748         | 2240 | 2703 | 3118 | 4356 | 2156   | 2724 | 3409 | 3974 | 5401 | 3158   | 3996 | 4942 | 5771 | 7943  |
|   | 75/65                                   | 1381         | 1769 | 2131 | 2453 | 3418 | 1701   | 2138 | 2686 | 3121 | 4243 | 2493   | 3154 | 3892 | 4534 | 6228  |
|   | 55/45                                   | 713          | 914  | 1095 | 1253 | 1733 | 875    | 1085 | 1377 | 1587 | 2157 | 1285   | 1625 | 1992 | 2307 | 3151  |
| 2000  | 90/70                                   | 1942         | 2489 | 3003 | 3465 | 4840 | 2396   | 3027 | 3788 | 4415 | 6001 | 3509   | 4440 | 5491 | 6412 | 8825  |
|   | 75/65                                   | 1534         | 1966 | 2368 | 2726 | 3798 | 1890   | 2376 | 2984 | 3468 | 4714 | 2770   | 3504 | 4324 | 5038 | 6920  |
|   | 55/45                                   | 793          | 1016 | 1217 | 1392 | 1926 | 973    | 1206 | 1530 | 1763 | 2397 | 1428   | 1805 | 2213 | 2564 | 3501  |
| 2200  | 90/70                                   | 2136         | 2738 | 3303 | 3811 | 5324 | 2635   | 3329 | 4167 | 4857 | 6601 | 3860   | 4884 | 6041 | 7053 | 9708  |
|   | 75/65                                   | 1687         | 2163 | 2605 | 2999 | 4178 | 2079   | 2614 | 3282 | 3815 | 5185 | 3047   | 3854 | 4756 | 5542 | 7612  |
|   | 55/45                                   | 872          | 1117 | 1339 | 1531 | 2118 | 1070   | 1327 | 1683 | 1939 | 2637 | 1571   | 1986 | 2435 | 2820 | 3851  |
| 2400  | 90/70                                   | 2330         | 2986 | 3604 | 4158 | 5808 | 2875   | 3632 | 4545 | 5298 | 7201 | 4211   | 5328 | 6590 | 7694 | 10590 |
|   | 75/65                                   | 1841         | 2359 | 2842 | 3271 | 4558 | 2268   | 2851 | 3581 | 4162 | 5657 | 3324   | 4205 | 5189 | 6046 | 8304  |
|   | 55/45                                   | 951          | 1219 | 1460 | 1671 | 2311 | 1167   | 1447 | 1836 | 2116 | 2877 | 1714   | 2166 | 2656 | 3076 | 4201  |
| 2600  | 90/70                                   | 2524         | 3235 | 3904 | 4504 | 6292 | 3114   | 3935 | 4924 | 5740 | 7801 | 4561   | 5772 | 7139 | 8335 | 11473 |
|   | 75/65                                   | 1994         | 2556 | 3078 | 3544 | 4937 | 2457   | 3089 | 3879 | 4508 | 6128 | 3601   | 4555 | 5621 | 6549 | 8996  |
|   | 55/45                                   | 1030         | 1320 | 1582 | 1810 | 2503 | 1264   | 1568 | 1988 | 2292 | 3116 | 1857   | 2347 | 2877 | 3333 | 4551  |
| 2800  | 90/70                                   | 2718         | 3484 | 4204 | 4851 | 6776 | 3354   | 4237 | 5303 | 6181 | 8401 | 4912   | 6216 | 7688 | 8977 | 12356 |
|   | 75/65                                   | 2148         | 2752 | 3315 | 3816 | 5317 | 2646   | 3326 | 4178 | 4855 | 6600 | 3878   | 4906 | 6054 | 7053 | 9688  |
|   | 55/45                                   | 1110         | 1422 | 1704 | 1949 | 2696 | 1362   | 1688 | 2141 | 2468 | 3356 | 2000   | 2527 | 3099 | 3589 | 4901  |
| 3000  | 90/70                                   | 2913         | 3733 | 4505 | 5197 | 7260 | 3594   | 4540 | 5682 | 6623 | 9001 | 5263   | 6660 | 8237 | 9618 | 13238 |
|   | 75/65                                   | 2301         | 2949 | 3552 | 4089 | 5697 | 2835   | 3564 | 4476 | 5202 | 7071 | 4155   | 5256 | 6486 | 7557 | 10380 |
|   | 55/45                                   | 1189         | 1523 | 1825 | 2088 | 2888 | 1459   | 1809 | 2294 | 2645 | 3596 | 2142   | 2708 | 3320 | 3845 | 5251  |

Tepelný výkon Q (W) pro teplotnou látku voda dle EN 442