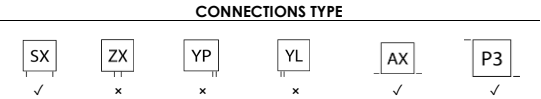


| RETRO HORIZONTAL | TECHNICAL INFORMATION |        |           |                  |                          |                     |                           |                         |                |              |           | (For connection types, please refer to the last page) |                       | HEAT OUTPUTS INFORMATION |                       |      |            | LOGISTICS INFORMATION |                |                                |  |
|------------------|-----------------------|--------|-----------|------------------|--------------------------|---------------------|---------------------------|-------------------------|----------------|--------------|-----------|-------------------------------------------------------|-----------------------|--------------------------|-----------------------|------|------------|-----------------------|----------------|--------------------------------|--|
| MODEL CODE       | Width x Height        | Tube   | Depth (D) | Pipe Centers (A) | Wall to Pipe Centers (L) | Depth From Wall (K) | Wall To Radiator Back (M) | Space Between Tubes (E) | Tube Width (F) | Water Volume | Fuel Type | MODEL CODE                                            | Heat Outputs ΔT 50 °C |                          | Heat Outputs ΔT 60 °C |      | Net Weight | Gross Weight          | Package Volume | Package Dimensions (H x W x D) |  |
|                  | mm                    | pieces | mm        | mm               | mm                       | mm                  | mm                        | mm                      | mm             | L            | mm        |                                                       | Watt                  | Btu                      | Watt                  | Btu  |            |                       |                |                                |  |
| 5040103902200800 | 800 x 220             | 4      | 96        | 745              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.57         | C         | 5040103902200800                                      | 370                   | 1260                     | 480                   | 1638 | 5.12       | 6.47                  | 0.04           | 930X267X138                    |  |
| 5040103902800800 | 800 x 280             | 5      | 96        | 745              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.72         | C         | 5040103902800800                                      | 462                   | 1575                     | 601                   | 2048 | 6.41       | 7.90                  | 0.05           | 930X327X138                    |  |
| 5040103903400800 | 800 x 340             | 6      | 96        | 745              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.86         | C-E-D     | 5040103903400800                                      | 554                   | 1890                     | 721                   | 2458 | 7.70       | 9.31                  | 0.05           | 930X387X138                    |  |
| 5040103904000800 | 800 x 400             | 7      | 96        | 745              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.01         | C-E-D     | 5040103904000800                                      | 647                   | 2205                     | 841                   | 2867 | 8.99       | 10.73                 | 0.06           | 930X447X138                    |  |
| 5040103904600800 | 800 x 460             | 8      | 96        | 745              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.15         | C-E-D     | 5040103904600800                                      | 739                   | 2521                     | 961                   | 3277 | 10.28      | 12.14                 | 0.07           | 930X507X138                    |  |
| 5040103905200800 | 800 x 520             | 9      | 96        | 745              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.30         | C-E-D     | 5040103905200800                                      | 832                   | 2836                     | 1081                  | 3686 | 11.57      | 13.55                 | 0.08           | 930X567X138                    |  |
| 5040103905800800 | 800 x 580             | 10     | 96        | 745              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.44         | C-E-D     | 5040103905800800                                      | 924                   | 3151                     | 1201                  | 4096 | 12.87      | 14.97                 | 0.09           | 930X627X138                    |  |
| 5040103906400800 | 800 x 640             | 11     | 96        | 745              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.59         | C-E-D     | 5040103906400800                                      | 1016                  | 3466                     | 1321                  | 4505 | 14.16      | 16.38                 | 0.09           | 930X687X138                    |  |
| 5040103902200900 | 900 x 220             | 4      | 96        | 845              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.63         | C         | 5040103902200900                                      | 407                   | 1387                     | 529                   | 1803 | 5.65       | 7.11                  | 0.04           | 1030X267X138                   |  |
| 5040103902800900 | 900 x 280             | 5      | 96        | 845              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.79         | C         | 5040103902800900                                      | 509                   | 1734                     | 661                   | 2254 | 7.08       | 8.69                  | 0.05           | 1030X327X138                   |  |
| 5040103903400900 | 900 x 340             | 6      | 96        | 845              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.95         | C-E-D     | 5040103903400900                                      | 610                   | 2081                     | 793                   | 2705 | 8.49       | 10.22                 | 0.06           | 1030X387X138                   |  |
| 5040103904000900 | 900 x 400             | 7      | 96        | 845              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.11         | C-E-D     | 5040103904000900                                      | 712                   | 2428                     | 925                   | 3156 | 9.92       | 11.79                 | 0.07           | 1030X447X138                   |  |
| 5040103904600900 | 900 x 460             | 8      | 96        | 845              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.27         | C-E-D     | 5040103904600900                                      | 814                   | 2774                     | 1058                  | 3607 | 11.34      | 13.35                 | 0.08           | 1030X507X138                   |  |
| 5040103905200900 | 900 x 520             | 9      | 96        | 845              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.43         | C-E-D     | 5040103905200900                                      | 915                   | 3121                     | 1190                  | 4058 | 12.77      | 14.91                 | 0.09           | 1030X567X138                   |  |
| 5040103905800900 | 900 x 580             | 10     | 96        | 845              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.58         | C-E-D     | 5040103905800900                                      | 1017                  | 3468                     | 1322                  | 4508 | 14.19      | 16.46                 | 0.09           | 1030X627X138                   |  |
| 5040103906400900 | 900 x 640             | 11     | 96        | 845              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.74         | C-E-D     | 5040103906400900                                      | 1119                  | 3815                     | 1454                  | 4959 | 15.62      | 18.02                 | 0.10           | 1030X687X138                   |  |
| 5040103902201000 | 1000 x 220            | 4      | 96        | 945              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.69         | C         | 5040103902201000                                      | 442                   | 1508                     | 575                   | 1960 | 6.18       | 7.76                  | 0.05           | 1130X267X138                   |  |
| 5040103902801000 | 1000 x 280            | 5      | 96        | 945              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.86         | C         | 5040103902801000                                      | 553                   | 1885                     | 719                   | 2451 | 7.74       | 9.46                  | 0.06           | 1130X327X138                   |  |
| 5040103903401000 | 1000 x 340            | 6      | 96        | 945              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.03         | C-E-D     | 5040103903401000                                      | 663                   | 2262                     | 862                   | 2941 | 9.29       | 11.15                 | 0.07           | 1130X387X138                   |  |
| 5040103904001000 | 1000 x 400            | 7      | 96        | 945              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.21         | C-E-D     | 5040103904001000                                      | 774                   | 2639                     | 1006                  | 3431 | 10.85      | 12.85                 | 0.07           | 1130X447X138                   |  |
| 5040103904601000 | 1000 x 460            | 8      | 96        | 945              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.38         | C-E-D     | 5040103904601000                                      | 884                   | 3016                     | 1150                  | 3921 | 12.41      | 14.56                 | 0.08           | 1130X507X138                   |  |
| 5040103905201000 | 1000 x 520            | 9      | 96        | 945              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.55         | C-E-D     | 5040103905201000                                      | 995                   | 3393                     | 1294                  | 4411 | 13.96      | 16.25                 | 0.09           | 1130X567X138                   |  |
| 5040103905801000 | 1000 x 580            | 10     | 96        | 945              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.73         | C-E-D     | 5040103905801000                                      | 1106                  | 3770                     | 1437                  | 4901 | 15.52      | 17.97                 | 0.10           | 1130X627X138                   |  |
| 5040103906401000 | 1000 x 640            | 11     | 96        | 945              | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.90         | C-E-D     | 5040103906401000                                      | 1216                  | 4147                     | 1581                  | 5391 | 17.08      | 19.66                 | 0.11           | 1130X687X138                   |  |
| 5040103902201100 | 1100 x 220            | 4      | 96        | 1045             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.74         | C         | 5040103902201100                                      | 481                   | 1639                     | 625                   | 2131 | 6.71       | 8.39                  | 0.05           | 1230X267X138                   |  |
| 5040103902801100 | 1100 x 280            | 5      | 96        | 1045             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.93         | C         | 5040103902801100                                      | 601                   | 2049                     | 781                   | 2664 | 8.41       | 10.25                 | 0.06           | 1230X327X138                   |  |
| 5040103903401100 | 1100 x 340            | 6      | 96        | 1045             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.12         | C-E-D     | 5040103903401100                                      | 721                   | 2459                     | 937                   | 3197 | 10.09      | 12.08                 | 0.07           | 1230X387X138                   |  |
| 5040103904001100 | 1100 x 400            | 7      | 96        | 1045             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.31         | C-E-D     | 5040103904001100                                      | 841                   | 2869                     | 1094                  | 3730 | 11.78      | 13.92                 | 0.08           | 1230X447X138                   |  |
| 5040103904601100 | 1100 x 460            | 8      | 96        | 1045             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.50         | C-E-D     | 5040103904601100                                      | 962                   | 3279                     | 1250                  | 4262 | 13.47      | 15.77                 | 0.09           | 1230X507X138                   |  |
| 5040103905201100 | 1100 x 520            | 9      | 96        | 1045             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.68         | C-E-D     | 5040103905201100                                      | 1082                  | 3689                     | 1406                  | 4795 | 15.16      | 17.61                 | 0.10           | 1230X567X138                   |  |
| 5040103905801100 | 1100 x 580            | 10     | 96        | 1045             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.87         | C-E-D     | 5040103905801100                                      | 1202                  | 4098                     | 1562                  | 5328 | 16.85      | 19.46                 | 0.11           | 1230X627X138                   |  |
| 5040103906401100 | 1100 x 640            | 11     | 96        | 1045             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 2.06         | C-E-D     | 5040103906401100                                      | 1322                  | 4508                     | 1719                  | 5861 | 18.54      | 21.31                 | 0.12           | 1230X687X138                   |  |
| 5040103902201200 | 1200 x 220            | 4      | 96        | 1145             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.80         | C         | 5040103902201200                                      | 508                   | 1731                     | 660                   | 2251 | 7.25       | 9.06                  | 0.05           | 1330X267X138                   |  |
| 5040103902801200 | 1200 x 280            | 5      | 96        | 1145             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.00         | C         | 5040103902801200                                      | 635                   | 2164                     | 825                   | 2814 | 9.07       | 11.03                 | 0.07           | 1330X327X138                   |  |
| 5040103903401200 | 1200 x 340            | 6      | 96        | 1145             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.21         | C-E-D     | 5040103903401200                                      | 762                   | 2597                     | 990                   | 3376 | 10.88      | 13.02                 | 0.08           | 1330X387X138                   |  |
| 5040103904001200 | 1200 x 400            | 7      | 96        | 1145             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.41         | C-E-D     | 5040103904001200                                      | 889                   | 3030                     | 1155                  | 3939 | 12.71      | 15.01                 | 0.09           | 1330X447X138                   |  |
| 5040103904601200 | 1200 x 460            | 8      | 96        | 1145             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.61         | C-E-D     | 5040103904601200                                      | 1016                  | 3463                     | 1320                  | 4502 | 14.53      | 17.00                 | 0.10           | 1330X507X138                   |  |
| 5040103905201200 | 1200 x 520            | 9      | 96        | 1145             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1.81         | C-E-D     | 5040103905201200                                      | 1142                  | 3896                     | 1485                  | 5064 | 16.35      | 18.98                 | 0.11           | 1330X567X138                   |  |
| 5040103905801200 | 1200 x 580            | 10     | 96        | 1145             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 2.01         | C-E-D     | 5040103905801200                                      | 1269                  | 4329                     | 1650                  | 5627 | 18.18      | 20.97                 | 0.12           | 1330X627X138                   |  |
| 5040103906401200 | 1200 x 640            | 11     | 96        | 1145             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 2.22         | C-E-D     | 5040103906401200                                      | 1396                  | 4761                     | 1815                  | 6190 | 20.00      | 22.96                 | 0.13           | 1330X687X138                   |  |
| 5040103902201300 | 1300 x 220            | 4      | 96        | 1245             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 0.86         | C         | 5040103902201300                                      | 552                   | 1882                     | 718                   | 2447 | 7.78       | 9.68                  | 0.06           | 1430X26                        |  |

| RETRO HORIZONTAL |                | TECHNICAL INFORMATION |           |                  |                          |                     |                           |                         |                |              |           | HEAT OUTPUTS INFORMATION |                       |      |                       |      | LOGISTICS INFORMATION |              |                |                                  |
|------------------|----------------|-----------------------|-----------|------------------|--------------------------|---------------------|---------------------------|-------------------------|----------------|--------------|-----------|--------------------------|-----------------------|------|-----------------------|------|-----------------------|--------------|----------------|----------------------------------|
| MODEL CODE       | Width x Height | Tube                  | Depth (D) | Pipe Centers (A) | Wall to Pipe Centers (L) | Depth From Wall (K) | Wall To Radiator Back (M) | Space Between Tubes (E) | Tube Width (F) | Water Volume | Fuel Type | MODEL CODE               | Heat Outputs ΔT 50 °C |      | Heat Outputs ΔT 60 °C |      | Net Weight            | Gross Weight | Package Volume | Package Dimensions ( H x W x D ) |
|                  | mm             | pieces                | mm        | mm               | mm                       | mm                  | mm                        | mm                      | mm             | L            | mm        |                          | Watt                  | Btu  | Watt                  | Btu  |                       |              |                |                                  |
| 5040103902801800 | 1800 x 280     | 5                     | 96        | 1745             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1,43         | C         | 5040103902801800         | 961                   | 3276 | 1249                  | 4259 | 13,01                 | 15,57        | 0,09           | 1930X327X138                     |
| 5040103903401800 | 1800 x 340     | 6                     | 96        | 1745             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 1,72         | C-E-D     | 5040103903401800         | 1153                  | 3931 | 1499                  | 5110 | 15,63                 | 18,41        | 0,11           | 1930X387X138                     |
| 5040103904001800 | 1800 x 400     | 7                     | 96        | 1745             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 2,01         | C-E-D     | 5040103904001800         | 1345                  | 4586 | 1748                  | 5962 | 18,24                 | 21,23        | 0,12           | 1930X447X138                     |
| 5040103904601800 | 1800 x 460     | 8                     | 96        | 1745             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 2,30         | C-E-D     | 5040103904601800         | 1537                  | 5241 | 1998                  | 6814 | 20,85                 | 24,09        | 0,14           | 1930X507X138                     |
| 5040103905201800 | 1800 x 520     | 9                     | 96        | 1745             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 2,58         | C-E-D     | 5040103905201800         | 1729                  | 5897 | 2248                  | 7666 | 23,46                 | 26,92        | 0,16           | 1930X567X138                     |
| 5040103905801800 | 1800 x 580     | 10                    | 96        | 1745             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 2,87         | C-E-D     | 5040103905801800         | 1921                  | 6552 | 2498                  | 8517 | 26,08                 | 29,77        | 0,17           | 1930X627X138                     |
| 5040103906401800 | 1800 x 640     | 11                    | 96        | 1745             | 92-118                   | 140-166             | 44-70                     | 20                      | 40             | 3,16         | C-E-D     | 5040103906401800         | 2113                  | 7207 | 2748                  | 9369 | 28,70                 | 32,63        | 0,19           | 1930X687X138                     |



SX, ZX, YP and YL connection types can be manufactured optionally based on customer request. Other connection types are provided as part of the standard product.

C: Central Heating / E: Electric / D: Dual Fuel