

| FLAT 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) | 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                    |            | Btu                   | Watt | Btu                   | kg    |            |              |                |                                |            | kg                    | m³                                                    | mm                    | Watt  |            |              |                |                                | Btu | kg | kg | m³ | mm |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102102940800 | 780 x 290      | 3      | 35   | 745       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.51           | C            | 5040102102940800      | 259        | 882                   | 336  | 1146                  | 4.11  | 5.30       | 0.03         | 890X329X70     | 5040102102940800               | 259        | 882                   | 336                                                   | 1146                  | 4.11  | 5.30       | 0.03         | 890X329X70     |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102103940800 | 780 x 390      | 4      | 35   | 745       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.67           | C-E-D        | 5040102103940800      | 342        | 1166                  | 444  | 1516                  | 5.39  | 6.77       | 0.03         | 890X429X70     | 5040102103940800               | 342        | 1166                  | 444                                                   | 1516                  | 5.39  | 6.77       | 0.03         | 890X429X70     |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102104940800 | 780 x 490      | 5      | 35   | 745       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.84           | C-E-D        | 5040102104940800      | 425        | 1450                  | 553  | 1885                  | 6.68  | 8.23       | 0.04         | 890X529X70     | 5040102104940800               | 425        | 1450                  | 553                                                   | 1885                  | 6.68  | 8.23       | 0.04         | 890X529X70     |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102105940800 | 780 x 590      | 6      | 35   | 745       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 1.01           | C-E-D        | 5040102105940800      | 508        | 1734                  | 661  | 2254                  | 7.95  | 9.68       | 0.04         | 890X629X70     | 5040102105940800               | 508        | 1734                  | 661                                                   | 2254                  | 7.95  | 9.68       | 0.04         | 890X629X70     |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102102940900 | 880 x 290      | 3      | 35   | 845       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.55           | C            | 5040102102940900      | 285        | 971                   | 370  | 1262                  | 4.52  | 5.81       | 0.03         | 990X329X70     | 5040102102940900               | 285        | 971                   | 370                                                   | 1262                  | 4.52  | 5.81       | 0.03         | 990X329X70     |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102103940900 | 880 x 390      | 4      | 35   | 845       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.73           | C-E-D        | 5040102103940900      | 376        | 1283                  | 489  | 1668                  | 5.93  | 7.43       | 0.03         | 990X429X70     | 5040102103940900               | 376        | 1283                  | 489                                                   | 1668                  | 5.93  | 7.43       | 0.03         | 990X429X70     |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102104940900 | 880 x 490      | 5      | 35   | 845       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.91           | C-E-D        | 5040102104940900      | 468        | 1596                  | 608  | 2075                  | 7.34  | 9.02       | 0.04         | 990X529X70     | 5040102104940900               | 468        | 1596                  | 608                                                   | 2075                  | 7.34  | 9.02       | 0.04         | 990X529X70     |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102105940900 | 880 x 590      | 6      | 35   | 845       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 1.10           | C-E-D        | 5040102105940900      | 560        | 1908                  | 728  | 2481                  | 8.73  | 10.61      | 0.05         | 990X629X70     | 5040102105940900               | 560        | 1908                  | 728                                                   | 2481                  | 8.73  | 10.61      | 0.05         | 990X629X70     |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102102941000 | 980 x 290      | 3      | 35   | 945       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.59           | C            | 5040102102941000      | 309        | 1055                  | 402  | 1372                  | 4.93  | 6.32       | 0.03         | 1090X329X70    | 5040102102941000               | 309        | 1055                  | 402                                                   | 1372                  | 4.93  | 6.32       | 0.03         | 1090X329X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102103941000 | 980 x 390      | 4      | 35   | 945       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.79           | C-E-D        | 5040102103941000      | 409        | 1395                  | 532  | 1814                  | 6.46  | 8.07       | 0.04         | 1090X429X70    | 5040102103941000               | 409        | 1395                  | 532                                                   | 1814                  | 6.46  | 8.07       | 0.04         | 1090X429X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102104941000 | 980 x 490      | 5      | 35   | 945       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.98           | C-E-D        | 5040102104941000      | 509        | 1735                  | 661  | 2255                  | 7.99  | 9.81       | 0.05         | 1090X529X70    | 5040102104941000               | 509        | 1735                  | 661                                                   | 2255                  | 7.99  | 9.81       | 0.05         | 1090X529X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102105941000 | 980 x 590      | 6      | 35   | 945       | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 1.18           | C-E-D        | 5040102105941000      | 608        | 2075                  | 791  | 2697                  | 9.52  | 11.55      | 0.05         | 1090X629X70    | 5040102105941000               | 608        | 2075                  | 791                                                   | 2697                  | 9.52  | 11.55      | 0.05         | 1090X629X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102102941100 | 1080 x 290     | 3      | 35   | 1045      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.63           | C            | 5040102102941100      | 336        | 1147                  | 437  | 1491                  | 5.34  | 6.84       | 0.03         | 1190X329X70    | 5040102102941100               | 336        | 1147                  | 437                                                   | 1491                  | 5.34  | 6.84       | 0.03         | 1190X329X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102103941100 | 1080 x 390     | 4      | 35   | 1045      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.85           | C-E-D        | 5040102103941100      | 445        | 1517                  | 578  | 1972                  | 7.00  | 8.74       | 0.04         | 1190X429X70    | 5040102103941100               | 445        | 1517                  | 578                                                   | 1972                  | 7.00  | 8.74       | 0.04         | 1190X429X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102104941100 | 1080 x 490     | 5      | 35   | 1045      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 1.06           | C-E-D        | 5040102104941100      | 553        | 1886                  | 719  | 2452                  | 8.65  | 10.60      | 0.05         | 1190X529X70    | 5040102104941100               | 553        | 1886                  | 719                                                   | 2452                  | 8.65  | 10.60      | 0.05         | 1190X529X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102105941100 | 1080 x 590     | 6      | 35   | 1045      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 1.27           | C-E-D        | 5040102105941100      | 661        | 2255                  | 860  | 2932                  | 10.30 | 12.49      | 0.06         | 1190X629X70    | 5040102105941100               | 661        | 2255                  | 860                                                   | 2932                  | 10.30 | 12.49      | 0.06         | 1190X629X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102102941200 | 1180 x 290     | 3      | 35   | 1145      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.68           | C            | 5040102102941200      | 355        | 1212                  | 462  | 1575                  | 5.75  | 7.36       | 0.03         | 1290X329X70    | 5040102102941200               | 355        | 1212                  | 462                                                   | 1575                  | 5.75  | 7.36       | 0.03         | 1290X329X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102103941200 | 1180 x 390     | 4      | 35   | 1145      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.90           | C-E-D        | 5040102103941200      | 470        | 1602                  | 611  | 2082                  | 7.53  | 9.38       | 0.04         | 1290X429X70    | 5040102103941200               | 470        | 1602                  | 611                                                   | 2082                  | 7.53  | 9.38       | 0.04         | 1290X429X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102104941200 | 1180 x 490     | 5      | 35   | 1145      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 1.13           | C-E-D        | 5040102104941200      | 584        | 1992                  | 759  | 2589                  | 9.31  | 11.40      | 0.05         | 1290X529X70    | 5040102104941200               | 584        | 1992                  | 759                                                   | 2589                  | 9.31  | 11.40      | 0.05         | 1290X529X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102105941200 | 1180 x 590     | 6      | 35   | 1145      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 1.35           | C-E-D        | 5040102105941200      | 699        | 2382                  | 908  | 3097                  | 11.08 | 13.43      | 0.06         | 1290X629X70    | 5040102105941200               | 699        | 2382                  | 908                                                   | 3097                  | 11.08 | 13.43      | 0.06         | 1290X629X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102102941300 | 1280 x 290     | 3      | 35   | 1245      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.72           | C            | 5040102102941300      | 386        | 1317                  | 502  | 1712                  | 6.16  | 7.85       | 0.04         | 1390X329X70    | 5040102102941300               | 386        | 1317                  | 502                                                   | 1712                  | 6.16  | 7.85       | 0.04         | 1390X329X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102103941300 | 1280 x 390     | 4      | 35   | 1245      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.96           | C-E-D        | 5040102103941300      | 511        | 1741                  | 664  | 2264                  | 8.06  | 10.02      | 0.05         | 1390X429X70    | 5040102103941300               | 511        | 1741                  | 664                                                   | 2264                  | 8.06  | 10.02      | 0.05         | 1390X429X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102104941300 | 1280 x 490     | 5      | 35   | 1245      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 1.20           | C-E-D        | 5040102104941300      | 635        | 2165                  | 826  | 2815                  | 9.97  | 12.20      | 0.06         | 1390X529X70    | 5040102104941300               | 635        | 2165                  | 826                                                   | 2815                  | 9.97  | 12.20      | 0.06         | 1390X529X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102105941300 | 1280 x 590     | 6      | 35   | 1245      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 1.44           | C-E-D        | 5040102105941300      | 759        | 2590                  | 987  | 3366                  | 11.87 | 14.37      | 0.07         | 1390X629X70    | 5040102105941300               | 759        | 2590                  | 987                                                   | 3366                  | 11.87 | 14.37      | 0.07         | 1390X629X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102102941400 | 1380 x 290     | 3      | 35   | 1345      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 0.76           | C            | 5040102102941400      | 408        | 1391                  | 530  | 1808                  | 6.56  | 8.35       | 0.04         | 1490X329X70    | 5040102102941400               | 408        | 1391                  | 530                                                   | 1808                  | 6.56  | 8.35       | 0.04         | 1490X329X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102103941400 | 1380 x 390     | 4      | 35   | 1345      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 1.02           | C-E-D        | 5040102103941400      | 539        | 1839                  | 701  | 2391                  | 8.60  | 10.68      | 0.05         | 1490X429X70    | 5040102103941400               | 539        | 1839                  | 701                                                   | 2391                  | 8.60  | 10.68      | 0.05         | 1490X429X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102104941400 | 1380 x 490     | 5      | 35   | 1345      | 61-87            | 79-105                   | 44-70               | 6                         | 94                      | 1.27           | C-E-D        | 5040102104941400      | 671        | 2287                  | 872  | 2973                  | 10.63 | 12.99      | 0.06         | 1490X529X70    | 5040102104941400               | 671        | 2287                  | 872                                                   | 2973                  | 10.63 | 12.99      | 0.06         | 1490X529X70    |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |
| 5040102105941400 | 1380 x 590     | 6      | 35   | 13        |                  |                          |                     |                           |                         |                |              |                       |            |                       |      |                       |       |            |              |                |                                |            |                       |                                                       |                       |       |            |              |                |                                |     |    |    |    |    |                          |  |  |  |  |  |  |  |  |  |  |  |                       |  |  |  |  |  |  |  |  |  |  |  |