

PERLA

TECHNICAL INFORMATION

| MODEL CODE       | Width x Height<br>( W x H ) | Tube          | Depth<br>(D) | Pipe<br>Centers<br>(A) | Wall to Pipe Centers<br>(L) | Depth From Wall<br>(K) | Wall To<br>Radiator Back<br>(M) | Space Between<br>Tubes<br>(E) | Space Between<br>Groups<br>(G) | Tube Width<br>(F) | Water<br>Volume | Fuel<br>Type |
|------------------|-----------------------------|---------------|--------------|------------------------|-----------------------------|------------------------|---------------------------------|-------------------------------|--------------------------------|-------------------|-----------------|--------------|
|                  | mm                          | pieces        | mm           | mm                     | mm                          | mm                     | mm                              | mm                            | mm                             | mm                | L               |              |
| 5020111903000700 | 300 x 700                   | 12 (4+8)      | 33           | 255                    | 57                          | 73                     | 41                              | 20                            | 100                            | 0,40              | 0,4             | C-E-D        |
| 5020111903000980 | 300 x 980                   | 16 (4+5+7)    | 33           | 255                    | 57                          | 73                     | 41                              | 20                            | 100                            | 0,56              | 0,56            | C-E-D        |
| 5020111903001200 | 300 x 1200                  | 20 (4+5+11)   | 33           | 255                    | 57                          | 73                     | 41                              | 20                            | 110                            | 0,68              | 0,68            | C-E-D        |
| 5020111903001400 | 300 x 1400                  | 22 (4+5+5+8)  | 33           | 255                    | 57                          | 73                     | 41                              | 20                            | 113                            | 0,80              | 0,8             | C-E-D        |
| 5020111903001700 | 300 x 1700                  | 28 (4+5+8+11) | 33           | 255                    | 57                          | 73                     | 41                              | 20                            | 113                            | 0,97              | 0,97            | C-E-D        |
| 5020111904000700 | 400 x 700                   | 12 (4+8)      | 33           | 355                    | 57                          | 73                     | 41                              | 20                            | 100                            | 0,40              | 0,4             | C-E-D        |
| 5020111904001000 | 400 x 1000                  | 16 (4+5+7)    | 33           | 355                    | 57                          | 73                     | 41                              | 20                            | 110                            | 0,57              | 0,57            | C-E-D        |
| 5020111904001200 | 400 x 1200                  | 20 (4+5+11)   | 33           | 355                    | 57                          | 73                     | 41                              | 20                            | 110                            | 0,68              | 0,68            | C-E-D        |
| 5020111904001400 | 400 x 1400                  | 22 (4+5+5+8)  | 33           | 355                    | 57                          | 73                     | 41                              | 20                            | 113                            | 0,80              | 0,8             | C-E-D        |
| 5020111904001700 | 400 x 1700                  | 28 (4+5+8+11) | 33           | 355                    | 57                          | 73                     | 41                              | 20                            | 113                            | 0,97              | 0,97            | C-E-D        |
| 5020111905000700 | 500 x 700                   | 12 (4+8)      | 33           | 455                    | 57                          | 73                     | 41                              | 20                            | 100                            | 0,40              | 0,4             | C-E-D        |
| 5020111905001000 | 500 x 1000                  | 16 (4+5+7)    | 33           | 455                    | 57                          | 73                     | 41                              | 20                            | 110                            | 0,57              | 0,57            | C-E-D        |
| 5020111905001200 | 500 x 1200                  | 20 (4+5+11)   | 33           | 455                    | 57                          | 73                     | 41                              | 20                            | 110                            | 0,68              | 0,68            | C-E-D        |
| 5020111905001400 | 500 x 1400                  | 22 (4+5+5+8)  | 33           | 455                    | 57                          | 73                     | 41                              | 20                            | 113                            | 0,80              | 0,8             | C-E-D        |
| 5020111905001700 | 500 x 1700                  | 28 (4+5+8+11) | 33           | 455                    | 57                          | 73                     | 41                              | 20                            | 113                            | 0,97              | 0,97            | C-E-D        |
| 5020111906000700 | 600 x 700                   | 12 (4+8)      | 33           | 555                    | 57                          | 73                     | 41                              | 20                            | 100                            | 0,40              | 0,4             | C-E-D        |
| 5020111906001000 | 600 x 1000                  | 16 (4+5+7)    | 33           | 555                    | 57                          | 73                     | 41                              | 20                            | 110                            | 0,57              | 0,57            | C-E-D        |
| 5020111906001200 | 600 x 1200                  | 20 (4+5+11)   | 33           | 555                    | 57                          | 73                     | 41                              | 20                            | 110                            | 0,68              | 0,68            | C-E-D        |
| 5020111906001400 | 600 x 1400                  | 22 (4+5+5+8)  | 33           | 555                    | 57                          | 73                     | 41                              | 20                            | 113                            | 0,80              | 0,8             | C-E-D        |
| 5020111906001700 | 600 x 1700                  | 28 (4+5+8+11) | 33           | 555                    | 57                          | 73                     | 41                              | 20                            | 113                            | 0,97              | 0,97            | C-E-D        |

HEAT OUTPUTS INFORMATION

| MODEL CODE       | Heat Outputs<br>ΔT 50 °C |      | Heat Outputs<br>ΔT 60 °C |      |
|------------------|--------------------------|------|--------------------------|------|
|                  | Watt                     | Btu  | Watt                     | Btu  |
| 5020111903000700 | 227                      | 775  | 296                      | 1010 |
| 5020111903000980 | 309                      | 1054 | 402                      | 1371 |
| 5020111903001200 | 383                      | 1307 | 498                      | 1699 |
| 5020111903001400 | 432                      | 1474 | 562                      | 1917 |
| 5020111903001700 | 538                      | 1835 | 700                      | 2387 |
| 5020111904000700 | 292                      | 996  | 380                      | 1296 |
| 5020111904001000 | 398                      | 1358 | 518                      | 1767 |
| 5020111904001200 | 491                      | 1675 | 639                      | 2179 |
| 5020111904001400 | 551                      | 1879 | 717                      | 2445 |
| 5020111904001700 | 690                      | 2353 | 897                      | 3059 |
| 5020111905000700 | 360                      | 1228 | 468                      | 1596 |
| 5020111905001000 | 489                      | 1668 | 636                      | 2169 |
| 5020111905001200 | 604                      | 2060 | 786                      | 2681 |
| 5020111905001400 | 675                      | 2302 | 878                      | 2994 |
| 5020111905001700 | 848                      | 2892 | 1103                     | 3762 |
| 5020111906000700 | 431                      | 1470 | 561                      | 1914 |
| 5020111906001000 | 583                      | 1989 | 758                      | 2585 |
| 5020111906001200 | 722                      | 2463 | 939                      | 3202 |
| 5020111906001400 | 805                      | 2746 | 1047                     | 3571 |
| 5020111906001700 | 1013                     | 3455 | 1317                     | 4491 |

LOGISTICS INFORMATION

| MODEL CODE       | Net<br>Weight | Gross<br>Weight | Package<br>Volume | Package<br>Dimensions<br>( H x W x D ) |
|------------------|---------------|-----------------|-------------------|----------------------------------------|
| mm               | kg            | kg              | m³                | mm                                     |
| 5020111903000700 | 4,5           | 5               | 0,02              | 800 x 340 x 55                         |
| 5020111903000980 | 6             | 6,7             | 0,03              | 1080 x 340 x 55                        |
| 5020111903001200 | 7,4           | 8,2             | 0,03              | 1300 x 340 x 55                        |
| 5020111903001400 | 8,3           | 9,2             | 0,03              | 1500 x 340 x 55                        |
| 5020111903001700 | 10,3          | 11,4            | 0,04              | 1800 x 340 x 55                        |
| 5020111904000700 | 5,4           | 6               | 0,02              | 800 x 440 x 55                         |
| 5020111904001000 | 7,3           | 8,1             | 0,03              | 1100 x 440 x 55                        |
| 5020111904001200 | 8,9           | 9,8             | 0,04              | 1300 x 440 x 55                        |
| 5020111904001400 | 9,9           | 11              | 0,04              | 1500 x 440 x 55                        |
| 5020111904001700 | 12,3          | 13,7            | 0,05              | 1800 x 440 x 55                        |
| 5020111905000700 | 6,3           | 7               | 0,03              | 800 x 540 x 55                         |
| 5020111905001000 | 8,4           | 9,4             | 0,04              | 1100 x 540 x 55                        |
| 5020111905001200 | 10,3          | 11,5            | 0,04              | 1300 x 540 x 55                        |
| 5020111905001400 | 11,5          | 12,9            | 0,05              | 1500 x 540 x 55                        |
| 5020111905001700 | 14,4          | 16              | 0,06              | 1800 x 540 x 55                        |
| 5020111906000700 | 7,1           | 8,1             | 0,05              | 800 x 640 x 85                         |
| 5020111906001000 | 9,6           | 10,8            | 0,06              | 1100 x 640 x 85                        |
| 5020111906001200 | 11,8          | 13,2            | 0,08              | 1300 x 640 x 85                        |
| 5020111906001400 | 13,1          | 14,8            | 0,09              | 1500 x 640 x 85                        |
| 5020111906001700 | 16,4          | 18,4            | 0,1               | 1800 x 640 x 85                        |