

# CATALOGUE CONDENSING UNITS

EUROPEAN RANGE 50Hz



COOLING FOR A BETTER TOMORROW™



**SILENSYS®**



Silensys®

LBP

R452A

| MODEL NUMBER      | REFRIGERATION OUTPUT<br>32° amb., 10K superheating, 3K subcooling, Mid/Mid |             |             |             |             |             | REFRIG. OUTPUT<br>EN13215<br>Evap. T -35°C |             | Aco. P<br>db(A) | Air flow<br>m3/h | Liq. Rec.<br>Vol. | Diam. for tubing O.D. |             | Net/<br>Gross weight<br>kg | No. Dim  | Maximum current according to voltage code |             |            |
|-------------------|--|-------------|-------------|-------------|-------------|-------------|--|-------------|-----------------|------------------|-------------------|-----------------------|-------------|----------------------------|----------|---|-------------|------------|
|                   | Evaporation temperature (°C):  |             |             |             |             |             | Perf. (W)                                  | COP (W/W)   |                 |                  |                   | Suc.                  | Liqu. Line  |                            |          | FZ  | KZ          | TZ         |
|                   | -35°   | -30°        | -25°        | -20°        | -15°        | -10°        |  |             |                 |                  |                   |                       |             |                            |          |   |             |            |
| SILRG2426Z        | 315  | 412         | 530         | 671         | 836         | 1028        | 356  | 1.03        | 26              | 1650             | 0.75              | 3/8"                  | 1/4"        | 61/78                      | S        | 3.7                                       | na          | na         |
| SILRG2432Z        | 387  | 504         | 642         | 805         | 994         | 1211        | 439  | 1.08        | 27              | 1650             | 0.75              | 3/8"                  | 1/4"        | 61/78                      | S        | 4.5                                       | na          | na         |
| SILAJ2432Z        | 350  | 506         | 697         | 927         | 1198        | 1511        | 392  | 0.88        | 26              | 1650             | 1.50              | 1/2"                  | 1/4"        | 71/88                      | S        | 6.2                                       | na          | na         |
| SILAJ2440Z        | 429  | 601         | 806         | 1048        | 1331        | 1662        | 484  | 0.95        | 26              | 1650             | 1.50              | 1/2"                  | 1/4"        | 70/87                      | S        | 6.0                                       | na          | na         |
| SILRG2446Z        | 523  | 682         | 874         | 1101        | 1367        | 1674        | 594  | 1.12        | 27              | 1650             | 1.50              | 3/8"                  | 1/4"        | 63/80                      | S        | 5.7                                       | na          | na         |
| SILAJ2446Z        | 564  | 761         | 996         | 1276        | 1607        | 1996        | 643  | 1.03        | 26              | 1650             | 1.50              | 1/2"                  | 3/8"        | 72/89                      | S        | 8.5                                       | na          | 3.2        |
| SILAJ2464Z        | 765  | 1026        | 1337        | 1699        | 2116        | 2589        | 867  | 1.02        | 27              | 1650             | 1.50              | 1/2"                  | 3/8"        | 74/91                      | S        | 10.3                                      | na          | 4.1        |
| SILFH2480Z        | 1012   | 1403        | 1847        | 2345        | 2904        | 3532        | 1142                                       | 1.05        | 39              | 1650             | 2.35              | 5/8"                  | 1/2"        | 74/95                      | M        | 17.3                                      | 11.7        | 6.6        |
| <b>SILFH2511Z</b> | <b>1350</b>  | <b>1866</b> | <b>2481</b> | <b>3202</b> | <b>4037</b> | <b>4994</b> | <b>1415</b>                                | <b>0.98</b> | <b>44</b>       | <b>2700</b>      | <b>2.35</b>       | <b>5/8"</b>           | <b>1/2"</b> | <b>71/92</b>               | <b>M</b> | <b>26.0</b>                               | <b>14.4</b> | <b>8.3</b> |
| SILAG2513Z        | 1351   | 1962        | 2665        | 3464        | 4365        | 5387        | 1518                                       | 0.97        | 40              | 2970             | 3.90              | 7/8"                  | 1/2"        | 103/119                    | M        | na  | 20.4        | 9.3        |
| SILAG2516Z        | 1756   | 2530        | 3424        | 4436        | 5566        | 6821        | 1970                                       | 1.16        | 38              | 2970             | 3.90              | 7/8"                  | 1/2"        | 128/144                    | M        | na  | 25.3        | 10.3       |
| SILAG2519Z        | 2055   | 2891        | 3855        | 4945        | 6158        | 7505        | 2321                                       | 1.61*       | na              | 2970             | 3.90              | 7/8"                  | 1/2"        | 108/129                    | M        | na  | na          | 11.2       |
| SILAG2522Z        | 2349   | 3250        | 4295        | 5486        | 6835        | 8366        | 2669                                       | 1.62*       | 40              | 2700             | 3.90              | 7/8"                  | 1/2"        | 112/128                    | M        | na  | 30.2        | 14.2       |
| SILAG2525Z        | 2614   | 3591        | 4695        | 5930        | 7306        | 8850        | 2971                                       | 1.60*       | 44              | 2700             | 3.90              | 7/8"                  | 1/2"        | 112/128                    | M        | na  | 26.7        | 14.1       |
| SILAGD2532Z       | 3488   | 5112        | 7061        | 9332        | 11903       | 14726       | 3900                                       | 1.65*       | 43              | 6600             | 9.50              | 1"1/8"                | 5/8"        | 236/257                    | XL       | na  | na          | 22.0       |
| SILAGD2538Z       | 3972   | 5678        | 7728        | 10115       | 12803       | 15727       | 4491                                       | 1.66*       | na              | 6600             | 9.50              | 1"1/8"                | 5/8"        | 236/257                    | XL       | na  | na          | 22.0       |
| SILSH2534Z        | 4315   | 5849        | 7647        | 9729        | 12110       | 14812       | 4425                                       | 1.71*       | 44              | 5000             | 12.00             | 1"3/8"                | 5/8"        | 244/265                    | XL       | na  | na          | 16.2°      |
| SILAGD2544Z       | 5002   | 6883        | 9147        | 11793       | 14795       | 18097       | 5725                                       | 1.72*       | 43              | 6600             | 9.50              | 1"1/8"                | 5/8"        | 252/273                    | XL       | na  | na          | 28.0       |

Statement of the seasonal COP / na: not applicable / <sup>a</sup> voltage code XC, <sup>b</sup> voltage code XG, <sup>c</sup> voltage code YZ, <sup>d</sup> voltage code MZ





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| MODEL NUMBER      | REFRIGERATION OUTPUT<br>32° amb., 10K superheating, 3K subcooling |             |             |             |             |             | REFRIG. OUTPUT<br>EN13215<br>Evap. T -35°C |             | Aco. P<br>db(A) | Air flow<br>m3/h | Liq. Rec.<br>Vol. | Diam. for tubing O.D. |             | Net/<br>Gross weight<br>kg | No. Dim  | Maximum current according to voltage code |             |                   |
|-------------------|---|-------------|-------------|-------------|-------------|-------------|--|-------------|-----------------|------------------|-------------------|-----------------------|-------------|----------------------------|----------|---|-------------|-------------------|
|                   | Evaporation temperature (°C):                                     |             |             |             |             |             | Perf. (W)                                  | COP (W/W)   |                 |                  |                   | Suc.                  | Liqu. Line  |                            |          | FZ  | KZ          | TZ                |
|                   | -35°  | -30°        | -25°        | -20°        | -15°        | -10°        |  |             |                 |                  |                   |                       |             |                            |          |   |             |                   |
| SILRG2426Z        | 268   | 359         | 470         | 601         | 754         | 930         | 331  | 0.89        | 26              | 1650             | 0.75              | 3/8"                  | 1/4"        | 61/78                      | S        | 3.7                                       | na          | na                |
| SILRG2432Z        | 351   | 457         | 586         | 739         | 916         | 1116        | 435  | 0.98        | 27              | 1650             | 0.75              | 3/8"                  | 1/4"        | 61/88                      | S        | 4.5                                       | na          | na                |
| SILAJ2432Z        | 380   | 531         | 714         | 931         | 1184        | 1476        | 469  | 1.03        | 26              | 1650             | 1.50              | 1/2"                  | 1/4"        | 71/87                      | S        | 6.2                                       | na          | na                |
| SILAJ2440Z        | 449   | 611         | 807         | 1037        | 1306        | 1618        | 555  | 1.01        | 26              | 1650             | 1.50              | 1/2"                  | 1/4"        | 70/80                      | S        | 6.0                                       | na          | na                |
| SILRG2446Z        | 467   | 612         | 786         | 992         | 1231        | 1506        | 579  | 1.02        | 27              | 1650             | 1.50              | 3/8"                  | 1/4"        | 63/92                      | S        | 5.7                                       | na          | na                |
| SILAJ2446Z        | 573   | 768         | 999         | 1270        | 1586        | 1951        | 712  | 1.07        | 26              | 1650             | 1.50              | 1/2"                  | 3/8"        | 72/91                      | S        | 8.5                                       | na          | 3.2               |
| SILAJ2464Z        | 774   | 1033        | 1337        | 1688        | 2087        | 2532        | 957  | 1.09        | 27              | 1650             | 1.50              | 1/2"                  | 3/8"        | 74/91                      | S        | 10.3                                      | na          | 4.1               |
| SILFH2480Z        | 1056  | 1429        | 1851        | 2324        | 2853        | 3441        | 1311                                       | 1.11        | 39              | 1650             | 2.35              | 5/8"                  | 1/2"        | 74/91                      | M        | 17.3                                      | 11.7        | 6.6               |
| <b>SILFH2511Z</b> | <b>1357</b>   | <b>1867</b> | <b>2472</b> | <b>3177</b> | <b>3988</b> | <b>4912</b> | <b>1688</b>                                | <b>1.13</b> | <b>44</b>       | <b>2700</b>      | <b>2.35</b>       | <b>5/8"</b>           | <b>1/2"</b> | <b>71/124</b>              | <b>M</b> | <b>26.0</b>                               | <b>14.4</b> | <b>8.3</b>        |
| SILAG2513Z        | 1380  | 1974        | 2657        | 3427        | 4285        | 5238        | 1726                                       | 1.01        | 40              | 2970             | 3.90              | 7/8"                  | 1/2"        | 103/144                    | M        | na  | 20.4        | 9.3               |
| SILAG2516Z        | 1786  | 2535        | 3409        | 4400        | 5498        | 6690        | 2225                                       | 1.67*       | 38              | 2970             | 3.90              | 7/8"                  | 1/2"        | 128/124                    | M        | na  | 25.3        | 10.3              |
| SILAG2519Z        | 2030  | 2816        | 3731        | 4768        | 5913        | 7153        | 2540                                       | 1.67*       | na              | 2970             | 3.90              | 7/8"                  | 1/2"        | 108/133                    | M        | na  | na          | 11.2              |
| SILAG2522Z        | 2396  | 3275        | 4295        | 5454        | 6749        | 8180        | 2991                                       | 1.70*       | 40              | 2700             | 3.90              | 7/8"                  | 1/2"        | 112/128                    | M        | na  | 30.2        | 14.2              |
| SILAG2525Z        | 2619  | 3554        | 4614        | 5794        | 7092        | 8510        | 3276                                       | 1.66*       | 44              | 2700             | 3.90              | 7/8"                  | 1/2"        | 112/252                    | M        | na  | 26.7        | 14.1              |
| SILAGD2532Z       | 3508  | 5096        | 7003        | 9220        | 11715       | 14422       | 4378                                       | 1.73*       | 43              | 6600             | 9.50              | 1 1/8"                | 5/8"        | 236/257                    | XL       | na  | na          | 22.0              |
| SILSH2534Z-YZ     | 4406  | 5880        | 7583        | 9525        | 11716       | 14173       | 4950                                       | 1.86*       | 44              | 5000             | 12.00             | 1 3/8"                | 5/8"        | 244/265                    | XL       | na  | na          | 16.2 <sup>b</sup> |
| SILAGD2538Z       | 3999  | 5676        | 7686        | 10014       | 12613       | 15397       | 5009                                       | 1.74*       | na              | 6600             | 9.50              | 1 1/8"                | 5/8"        | 236/272                    | XL       | na  | na          | 22.0              |
| SILAGD2544Z       | 4551  | 6328        | 8453        | 10905       | 13620       | 16485       | 5710                                       | 1.76*       | 43              | 6600             | 9.50              | 1 1/8"                | 5/8"        | 252/286                    | XL       | na  | na          | 28.0              |

Statement of the seasonal COP / na: not applicable / <sup>a</sup> voltage code XC, <sup>b</sup> voltage code XG, <sup>c</sup> voltage code YZ, <sup>d</sup> voltage code MZ

For information, the cooling capacity of fluids R449A and R448A: at the evaporation point To = -30°C, SH10K, apply the multiplier ratio 0.94 to the cooling capacities read with R404A.



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