

## TECHNICAL DATA AND NOMINAL PERFORMANCES

**GLIDER**

| Model                |       | 190   | 230   | 270   | 330   | 380   | 440   | 500   | 580   | 640   | 690   |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      |       | V2.N8 | V2.N8 | V2.N8 | V2.N8 | V2.Y2 | V2.Y2 | V2.Y2 | V2.Y3 | V2.Y3 | V2.Y3 |
| Cooling capacity (1) | kW    | 190,0 | 228,0 | 269,0 | 321,0 | 371,0 | 436,0 | 497,0 | 573,0 | 637,0 | 693,0 |
| Compressors          | n.    | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| Power input          | kW    | 58,5  | 68,0  | 86,6  | 107,0 | 116,0 | 131,0 | 155,0 | 168,0 | 201,0 | 213,0 |
| Gas circuits         | n.    | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| Weight               | kg    | 2231  | 2251  | 2396  | 2656  | 3062  | 3267  | 3587  | 4026  | 4123  | 4263  |
| Sound pressure (2)   | dB(A) | 73,1  | 73,1  | 73,1  | 73,2  | 73,2  | 75,9  | 75,9  | 76,2  | 78,0  | 78,0  |

| Model                |       | 750   | 840   | 920    | 1020   | 1150   | 1240   | 1360   | 1410   | 1540   |
|----------------------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
|                      |       | V2.Y4 | V2.Y4 | V2.F10 | V2.F10 | V3.F12 | V3.F14 | V3.F16 | V3.F16 | V3.F16 |
| Cooling capacity (1) | kW    | 746,0 | 846,0 | 920,0  | 1019,0 | 1147,0 | 1241,0 | 1356,0 | 1410,0 | 1537,0 |
| Compressors          | n.    | 2     | 2     | 2      | 2      | 3      | 3      | 3      | 3      | 3      |
| Power input          | kW    | 232,0 | 262,0 | 306,0  | 322,0  | 368,0  | 398,0  | 413,0  | 450,0  | 475,0  |
| Gas circuits         | n.    | 2     | 2     | 2      | 2      | 3      | 3      | 3      | 3      | 3      |
| Weight               | kg    | 5007  | 5433  | 7405   | 7545   | 9399   | 10313  | 11357  | 11617  | 11847  |
| Sound pressure (2)   | dB(A) | 78,9  | 78,7  | 78,7   | 78,7   | 79,7   | 79,9   | 79,9   | 80,0   | 80,0   |

(1) Referred to chilled water temperature 12/7°C and air to the condenser at 35°C

(2) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50

**GLIDER.CLA** A Class energy efficiency

| Model                |       | 200   | 240   | 280   | 350   | 390   | 450   | 520   | 590   | 680   | 730   |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      |       | V2.N8 | V2.N8 | V2.N8 | V2.Y2 | V2.Y2 | V2.Y2 | V2.Y3 | V2.Y3 | V2.Y4 | V2.Y4 |
| Cooling capacity (1) | kW    | 200,0 | 233,0 | 276,0 | 341,0 | 388,0 | 446,0 | 519,0 | 587,0 | 674,0 | 732,0 |
| Compressors          | n.    | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| Power input          | kW    | 54,3  | 68,7  | 83,8  | 99,7  | 109,0 | 127,0 | 147,0 | 163,0 | 188,0 | 198,0 |
| Gas circuits         | n.    | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| Weight               | kg    | 2231  | 2386  | 2396  | 2862  | 3062  | 3387  | 3961  | 4166  | 4507  | 4777  |
| Sound pressure (2)   | dB(A) | 73,1  | 73,1  | 73,1  | 73,0  | 73,9  | 75,9  | 76,2  | 76,2  | 78,1  | 78,1  |

| Model                |       | 780   | 880    | 950    | 1020   | 1090   | 1210   | 1300   | 1410   | 1500   | 1610   |
|----------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                      |       | V2.Y4 | V2.F10 | V2.F12 | V2.F14 | V2.F14 | V3.F16 | V3.F16 | V3.F18 | V3.F20 | V3.F20 |
| Cooling capacity (1) | kW    | 776,0 | 877,0  | 947,0  | 1016,0 | 1089,0 | 1213,0 | 1297,0 | 1409,0 | 1495,0 | 1613,0 |
| Compressors          | n.    | 2     | 2      | 2      | 2      | 2      | 3      | 3      | 3      | 3      | 3      |
| Power input          | kW    | 225,0 | 253,0  | 268,0  | 278,0  | 298,0  | 342,0  | 383,0  | 400,0  | 420,0  | 454,0  |
| Gas circuits         | n.    | 2     | 2      | 2      | 2      | 2      | 3      | 3      | 3      | 3      | 3      |
| Weight               | kg    | 5395  | 7425   | 8069   | 8913   | 9013   | 10807  | 11327  | 12176  | 13150  | 13300  |
| Sound pressure (2)   | dB(A) | 78,9  | 78,7   | 78,7   | 78,9   | 78,9   | 79,8   | 79,9   | 80,0   | 80,1   | 80,1   |

(1) Referred to chilled water temperature 12/7°C and air to the condenser at 35°C

(2) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50

## TECHNICAL DATA AND NOMINAL PERFORMANCES



### GLIDER.ELN extra low noise

| Model                |       | 200   | 230   | 280   | 350   | 390   | 450   | 520   | 570   | 660   | 690   |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      |       | V2.N8 | V2.N8 | V2.N9 | V2.Y2 | V2.Y2 | V2.Y3 | V2.Y3 | V2.Y3 | V2.Y4 | V2.Y4 |
| Cooling capacity (1) | kW    | 193,0 | 227,0 | 278,0 | 344,0 | 383,0 | 450,0 | 510,0 | 564,0 | 651,0 | 689,0 |
| Compressors          | n.    | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| Power input          | kW    | 61,4  | 74,0  | 87,9  | 104,0 | 122,0 | 133,0 | 164,0 | 182,0 | 208,0 | 227,0 |
| Gas circuits         | n.    | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| Weight               | kg    | 2321  | 2341  | 2794  | 3012  | 3397  | 3911  | 4156  | 4316  | 4657  | 4757  |
| Sound pressure (2)   | dB(A) | 64,1  | 64,1  | 64,6  | 63,3  | 63,3  | 64,4  | 64,4  | 64,4  | 65,5  | 65,5  |

| Model                |       | 740   | 820    | 900    | 940    | 1030   | 1170   | 1240   | 1300   | 1400   | 1540   |
|----------------------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                      |       | V2.Y4 | V2.F10 | V2.F12 | V2.F12 | V2.F12 | V3.F16 | V3.F16 | V3.F16 | V3.F18 | V3.F20 |
| Cooling capacity (1) | kW    | 734,0 | 813,0  | 893,0  | 939,0  | 1021,0 | 1169,0 | 1235,0 | 1299,0 | 1397,0 | 1538,0 |
| Compressors          | n.    | 2     | 2      | 2      | 2      | 2      | 3      | 3      | 3      | 3      | 3      |
| Power input          | kW    | 250,0 | 291,0  | 295,0  | 323,0  | 340,0  | 380,0  | 424,0  | 462,0  | 483,0  | 503,0  |
| Gas circuits         | n.    | 2     | 2      | 2      | 2      | 2      | 3      | 3      | 3      | 3      | 3      |
| Weight               | kg    | 5327  | 7433   | 8137   | 8279   | 8499   | 10957  | 11247  | 11507  | 12416  | 13450  |
| Sound pressure (2)   | dB(A) | 65,8  | 67,6   | 67,7   | 67,8   | 67,8   | 68,5   | 68,6   | 68,6   | 68,7   | 68,8   |

(1) Referred to chilled water temperature 12/7°C and air to the condenser at 35°C

(2) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50



### GLIDER.HP heat pump

| Model                |       | 190   | 230   | 270   | 330   | 380   | 440   | 500   |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|                      |       | V2.N8 | V2.N8 | V2.N8 | V2.N8 | V2.Y2 | V2.Y2 | V2.Y2 |
| Cooling capacity (1) | kW    | 189,0 | 227,0 | 267,0 | 319,0 | 367,0 | 429,0 | 488,0 |
| Heating capacity (2) | kW    | 187,0 | 246,0 | 288,0 | 348,0 | 395,0 | 454,0 | 530,0 |
| Compressors          | n.    | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| Power input (1)      | kW    | 58,4  | 68,0  | 86,5  | 107,0 | 116,0 | 131,0 | 154,0 |
| Power input (2)      | kW    | 54,2  | 69,2  | 76,0  | 91,4  | 104,0 | 119,0 | 144,0 |
| Gas circuits         | n.    | 2     | 2     | 2     | 2     | 2     | 2     | 2     |
| Weight               | kg    | 2381  | 2401  | 2546  | 2806  | 3382  | 3567  | 3887  |
| Sound pressure (3)   | dB(A) | 73,1  | 73,1  | 73,1  | 73,2  | 73,2  | 75,9  | 75,9  |

| Model                |       | 580   | 640   | 690   | 750   | 840   | 920    | 1020   |
|----------------------|-------|-------|-------|-------|-------|-------|--------|--------|
|                      |       | V2.Y3 | V2.Y3 | V2.Y3 | V2.Y4 | V2.Y4 | V2.F10 | V2.F10 |
| Cooling capacity (1) | kW    | 552,0 | 609,0 | 657,0 | 725,0 | 815,0 | 899,0  | 990,0  |
| Heating capacity (2) | kW    | 591,0 | 655,0 | 719,0 | 779,0 | 892,0 | 975,0  | 1078,0 |
| Compressors          | n.    | 2     | 2     | 2     | 2     | 2     | 2      | 2      |
| Power input (1)      | kW    | 166,0 | 198,0 | 209,0 | 229,0 | 259,0 | 303,0  | 318,0  |
| Power input (2)      | kW    | 158,0 | 177,0 | 195,0 | 222,0 | 241,0 | 265,0  | 279,0  |
| Gas circuits         | n.    | 2     | 2     | 2     | 2     | 2     | 2      | 2      |
| Weight               | kg    | 4326  | 4423  | 4663  | 5357  | 5803  | 7805   | 8045   |
| Sound pressure (3)   | dB(A) | 76,2  | 78,0  | 78,0  | 78,9  | 78,7  | 78,7   | 78,7   |

(1) Referred to chilled water temperature 12/7°C and air to the condenser at 35°C

(2) Referred to hot water outlet temperature at 45°C and outdoor temperature at 7°C

(3) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50

## TECHNICAL DATA AND NOMINAL PERFORMANCES

### GLIDER FREE

| Model                     |       | 370<br>V2.Y2 | 430<br>V2.Y3 | 500<br>V2.Y3 | 560<br>V2.Y4 | 630<br>V2.Y4 | 770<br>V2.F10 | 840<br>V2.F12 |
|---------------------------|-------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|
| Cooling capacity (1)      | kW    | 353,0        | 415,0        | 484,0        | 545,0        | 608,0        | 755,0         | 823,0         |
| Free Cooling capacity (2) | kW    | 353,0        | 364,0        | 421,0        | 531,0        | 553,0        | 670,0         | 802,0         |
| Compressors               | n.    | 2            | 2            | 2            | 2            | 2            | 2             | 2             |
| Power input               | kW    | 111,0        | 127,0        | 151,0        | 162,0        | 193,0        | 213,0         | 251,0         |
| Gas circuits              | n.    | 2            | 2            | 2            | 2            | 2            | 2             | 2             |
| Weight                    | kg    | 3822         | 4471         | 4716         | 5310         | 5407         | 7685          | 9027          |
| Sound pressure (3)        | dB(A) | 75,9         | 75,9         | 76,2         | 78,7         | 78,7         | 78,7          | 78,7          |

| Model                     |       | 900<br>V2.F12 | 970<br>V2.F14 | 1030<br>V2.F14 | 1180<br>V2.F16 | 1320<br>V2.F18 | 1380<br>V2.F20 |
|---------------------------|-------|---------------|---------------|----------------|----------------|----------------|----------------|
| Cooling capacity (1)      | kW    | 877,0         | 950,0         | 1008,0         | 1151,0         | 1290,0         | 1352,0         |
| Free Cooling capacity (2) | kW    | 815,0         | 948,0         | 962,0          | 1111,0         | 1216,0         | 1296,0         |
| Compressors               | n.    | 2             | 2             | 2              | 2              | 2              | 2              |
| Power input               | kW    | 272,0         | 282,0         | 317,0          | 353,0          | 403,0          | 421,0          |
| Gas circuits              | n.    | 2             | 2             | 2              | 2              | 2              | 2              |
| Weight                    | kg    | 9087          | 10009         | 10849          | 12461          | 13418          | 14330          |
| Sound pressure (3)        | dB(A) | 78,7          | 78,9          | 78,9           | 78,9           | 79,0           | 79,1           |

(1) Referred to chilled water temperature 12/7°C / 20% glycol and air to the condenser at 35°C

(2) Referred to water inlet temperature at 15°C / 20% glycol and outdoor temperature at 3°C

(3) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50+N

### GLIDER FREE.ELN extra low noise

| Model                     |       | 390<br>V2.Y3 | 450<br>V2.Y4 | 500<br>V2.Y4 | 560<br>V2.F10 | 640<br>V2.F12 | 770<br>V2.F12 |
|---------------------------|-------|--------------|--------------|--------------|---------------|---------------|---------------|
| Cooling capacity (1)      | kW    | 378,0        | 435,0        | 490,0        | 546,0         | 620,0         | 758,0         |
| Free Cooling capacity (2) | kW    | 317,0        | 405,0        | 422,0        | 438,0         | 530,0         | 554,0         |
| Compressors               | n.    | 2            | 2            | 2            | 2             | 2             | 2             |
| Power input               | kW    | 114,0        | 127,0        | 156,0        | 169,0         | 188,0         | 222,0         |
| Gas circuits              | n.    | 2            | 2            | 2            | 2             | 2             | 2             |
| Weight                    | kg    | 4646         | 5240         | 5517         | 7497          | 8379          | 8757          |
| Sound pressure (3)        | dB(A) | 64,4         | 65,5         | 65,5         | 67,6          | 67,7          | 67,7          |

| Model                     |       | 840<br>V2.F14 | 940<br>V2.F16 | 1020<br>V2.F18 | 1190<br>V2.F20 | 1290<br>V2.F20 |
|---------------------------|-------|---------------|---------------|----------------|----------------|----------------|
| Cooling capacity (1)      | kW    | 826,0         | 917,0         | 1002,0         | 1168,0         | 1258,0         |
| Free Cooling capacity (2) | kW    | 646,0         | 441,0         | 809,0          | 891,0          | 890,0          |
| Compressors               | n.    | 2             | 2             | 2              | 2              | 2              |
| Power input               | kW    | 265,0         | 294,0         | 319,0          | 366,0          | 415,0          |
| Gas circuits              | n.    | 2             | 2             | 2              | 2              | 2              |
| Weight                    | kg    | 10079         | 11511         | 13138          | 14380          | 14580          |
| Sound pressure (3)        | dB(A) | 67,9          | 68,5          | 68,7           | 68,8           | 68,8           |

(1) Referred to chilled water temperature 12/7°C / 20% glycol and air to the condenser at 35°C

(2) Referred to water inlet temperature at 15°C / 20% glycol and outdoor temperature at 3°C

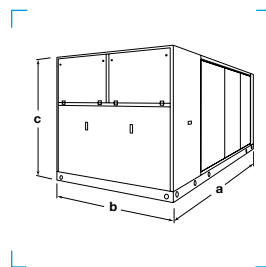
(3) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50+N

## DIMENSIONS (mm)

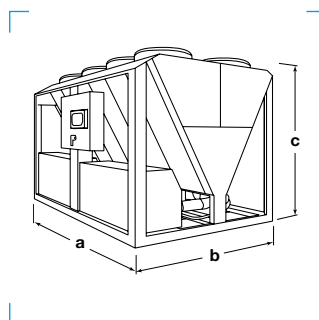
### GLIDER "N"

| Size  | a     | b     | c     |
|-------|-------|-------|-------|
| V2.N8 | 4.400 | 1.800 | 1.990 |
| V2.N9 | 5.400 | 1.800 | 1.990 |



### GLIDER "Y"

| Size  | a     | b     | c     |
|-------|-------|-------|-------|
| V2.Y2 | 3.756 | 2.310 | 2.490 |
| V2.Y3 | 4.900 | 2.310 | 2.490 |
| V2.Y4 | 6.056 | 2.310 | 2.490 |



### GLIDER "F"

| Size   | a      | b     | c     |
|--------|--------|-------|-------|
| V2.F10 | 6.790  | 2.320 | 2.560 |
| V2.F12 | 7.860  | 2.320 | 2.560 |
| V2.F14 | 8.930  | 2.320 | 2.560 |
| V2.F16 | 8.930  | 2.320 | 2.560 |
| V2.F18 | 8.930  | 2.320 | 2.560 |
| V2.F20 | 8.930  | 2.320 | 2.560 |
| V3.F12 | 8.410  | 2.320 | 2.560 |
| V3.F14 | 9.480  | 2.320 | 2.560 |
| V3.F16 | 10.550 | 2.320 | 2.560 |
| V3.F18 | 11.620 | 2.320 | 2.560 |
| V3.F20 | 12.690 | 2.320 | 2.560 |

