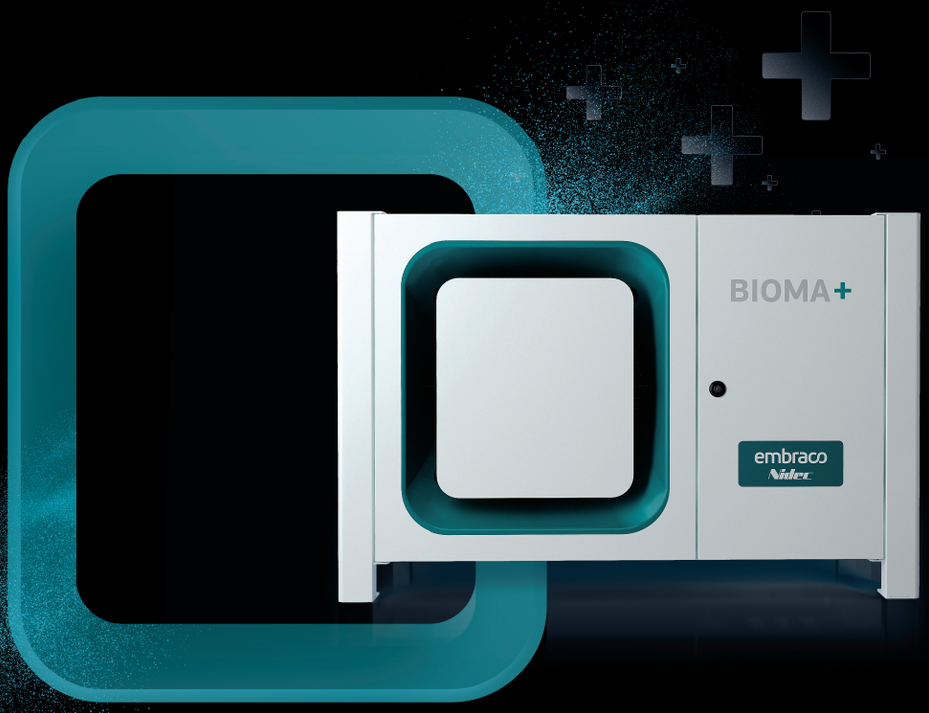
# BIOMA+

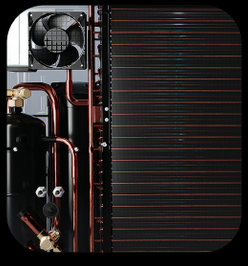
## The quietest condensing unit of the range




**Multi-refrigerant platform**
Compatible with several A1 and A2L refrigerants, including R452A, R448A, R454C, R455A and R449A.

### Stackability
Stack up to two units, even different sizes, with a connection kit. Combine LBP and MBP systems, boost capacity, or add redundancy.

### Accessibility
Three-doors design with new central lock for faster and easier serviceability.



### Safety
Bioma+ features a redesigned electrical box and extra fan for safer use with A2L refrigerants.

### Brazed connections
New brazed service valves for safer A2L handling.

Discover all that our digital solutions can do to support your business.

think ahead

embraco Nidec

| Medium Temp. | R452A | | R448A/ R449A | | R454C | | R455A | | EN 13215 SH10 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Model Name | Cooling Cap. [W] @32°C | | Cooling Cap. [W] @32°C | | Cooling Cap. [W] @32°C | | Cooling Cap. [W] @32°C | | Max Absor. Current [A] | Housing | Dimensions [mm] | | | Weight | Fan | Liquid Receiver | Connections | | Sound Level @10m |
| | -10°C | 0°C | -10°C | 0°C | -10°C | 0°C | -10°C | 0°C | | Drawing | A | L | P | Net [kg] | Air Flow [m³/h] | [dm³] | Suction | Liquid | [dB(A)] |
| 230 V / 1 phase / 50 Hz | | | | | | | | | | | | | | | | | | | |
| HB2NEU6212GL1AMA1 | 834 | 1214 | 808 | 1209 | 714 | 1077 | 813 | 1218 | 5.3 | Housing 1 | 949 | 474 | 600 | 67 | 1695 | 1.6 | 3/8 | 1/4 | 28 |
| HB2NEU6215GL1AMA1 | 1102 | 1569 | 1087 | 1588 | 992 | 1476 | 1126 | 1665 | 6.7 | | 949 | 474 | 600 | 67 | 1695 | 1.6 | 3/8 | 1/4 | 28 |
| HB2NT6222GL-1AMA1 | 1316 | 1871 | 1314 | 1899 | 1255 | 1924 | 1395 | 2122 | 8.5 | | 949 | 474 | 600 | 69 | 1695 | 1.6 | 1/2 | 1/4 | 29 |
| HB2NT6224GL-1AMA1 | 1666 | 2419 | 1634 | 2400 | 1463 | 2324 | 1641 | 2600 | 9 | | 949 | 474 | 600 | 69 | 1523 | 2.3 | 1/2 | 1/4 | 29 |
| HB2NT6226GL-1AMA1 | 1807 | 2619 | 1801 | 2656 | 1625 | 2508 | 1809 | 2790 | 10.3 | | 949 | 474 | 600 | 69 | 1523 | 2.3 | 1/2 | 1/4 | 29 |
| HB2NJ9232GL-1AMA1 | 1934 | 2860 | 2044 | 3074 | 1943 | 2943 | 2158 | 3250 | 10.3 | | 949 | 474 | 600 | 76 | 1523 | 2.3 | 5/8 | 3/8 | 30 |
| HB2NTU6238GL1AMA1 | 2244 | 3201 | 2274 | 3287 | 2203 | 3097 | 2290 | 3384 | 16.7 | | 949 | 474 | 600 | 76 | 1523 | 2.3 | 5/8 | 3/8 | 30 |
| HB2ERF15-CB-1AMA1 | 3778 | 5389 | 3818 | 5464 | 3437 | 4961 | 3778 | 5357 | 14.3 | Housing 2 | 1075 | 482 | 708 | 92 | 2673 | 3.9 | 3/4 | 1/2 | 33 |
| HB2ERF19-CB-1AMA1 | 4481 | 6335 | 4527 | 6432 | 4078 | 5845 | 4469 | 6297 | 16.6 | | 1075 | 482 | 708 | 92 | 2545 | 3.9 | 3/4 | 1/2 | 33 |
| HB2ERF21-CB-1AMA1 | 5048 | 7136 | 4635 | 6580 | 4613 | 6607 | 5060 | 7108 | 18.4 | | 1075 | 482 | 708 | 92 | 2545 | 3.9 | 3/4 | 1/2 | 33 |
| 400 V / 3 phases / 50 Hz | | | | | | | | | | | | | | | | | | | |
| HB2NJ9232GM-1YMA1 | 2042 | 3045 | 2043 | 3071 | 1842 | 2752 | 2038 | 3022 | 4.2 | Housing 1 | 949 | 474 | 600 | 76 | 1523 | 2.3 | 5/8 | 3/8 | 30 |
| HB2NJ9238GM-1YMA1 | 2457 | 3506 | 2476 | 3565 | 2310 | 3392 | 2527 | 3685 | 4.4 | | 949 | 474 | 600 | 76 | 1523 | 2.3 | 5/8 | 3/8 | 30 |
| HB2NJX6250GM1YMA1 | 3256 | 4607 | 3266 | 4721 | 3171 | 4670 | 3469 | 5059 | 6 | Housing 2 | 1075 | 482 | 708 | 88 | 2673 | 3.9 | 5/8 | 3/8 | 34 |
| HB2ERF15-CA-1YMA1 | 3984 | 5577 | 3877 | 5546 | 3457 | 4988 | 3806 | 6009 | 5.7 | | 1075 | 482 | 708 | 92 | 2673 | 3.9 | 3/4 | 1/2 | 33 |
| HB2ERF19-CA-1YMA1 | 4559 | 6442 | 4635 | 6580 | 4183 | 5990 | 4469 | 6297 | 6.3 | | 1075 | 482 | 708 | 92 | 2545 | 3.9 | 3/4 | 1/2 | 33 |
| HB2ERF21-CA-1YMA1 | 5117 | 7683 | 5209 | 7389 | 4703 | 6732 | 5167 | 7254 | 7 | | 1075 | 482 | 708 | 92 | 2545 | 3.9 | 3/4 | 1/2 | 33 |
| HB2ERF26-CA-1YMA1 | 6419 | 9214 | 6492 | 9344 | 5825 | 8454 | 6331 | 8993 | 8.5 | Housing 3 | 1269 | 519 | 1005 | 107 | 5195 | 6 | 7/8 | 5/8 | 36 |
| HB2ERF30-CA-1YMA1 | 7623 | 10870 | 7751 | 11086 | 6677 | 9399 | 7611 | 10774 | 9.9 | | 1269 | 519 | 1005 | 107 | 5195 | 6 | 7/8 | 5/8 | 36 |
| HB2ERF37-CA-1YMA1 | 8894 | 12583 | 8087 | 11594 | 7752 | 10802 | 8995 | 12673 | 11.7 | | 1269 | 519 | 1005 | 107 | 4739 | 6 | 7/8 | 5/8 | 36 |

| Low Temp. | R452A | | R448A/ R449A | | R454C | | R455A | | EN 13215 SH10 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Model Name | Cooling Cap. [W] @32°C | | Cooling Cap. [W] @32°C | | Cooling Cap. [W] @32°C | | Cooling Cap. [W] @32°C | | Max Absor. Current [A] | Housing | Dimensions [mm] | | | Weight | Fan | Liquid Receiver | Connections | | Sound Level @10m |
| | -35°C | -30°C | -35°C | -30°C | -35°C | -30°C | -35°C | -30°C | | Drawing | A | L | P | Net [kg] | Air Flow [m³/h] | [dm³] | Suction | Liquid | [dB(A)] |
| 230 V / 1 phase / 50 Hz | | | | | | | | | | | | | | | | | | | |
| HB2NT2212GL-1ALA1 | 693 | 899 | N/A | N/A | 587 | 790 | 638 | 868 | 9.6 | Housing 1 | 982 | 484 | 600 | 69 | 1523 | 2.3 | 1/2 | 1/4 | 29 |
| HB2ELF07-CB-1ALA1 | 1326 | 1665 | 1327 | 1671 | 1183 | 1494 | 1324 | 1669 | 11.4 | Housing 2 | 1082 | 490 | 708 | 92 | 2673 | 3.9 | 3/4 | 1/2 | 33 |
| HB2ELF08-CB-1ALA1 | 1622 | 2041 | 1612 | 2033 | 1433 | 1813 | 1603 | 2028 | 14.3 | | 1082 | 490 | 708 | 92 | 2673 | 3.9 | 3/4 | 1/2 | 33 |
| HB2ELF09-CB-1ALA1 | 1816 | 2282 | 1815 | 2286 | 1615 | 2041 | 1810 | 2284 | 16.7 | | 1082 | 490 | 708 | 92 | 2673 | 3.9 | 3/4 | 1/2 | 33 |
| 400 V / 3 phases / 50 Hz | | | | | | | | | | | | | | | | | | | |
| HB2NJX2219GM1YLA1 | 1016 | 1338 | N/A | N/A | 938 | 1246 | 1014 | 1363 | 4.4 | Housing 2 | 1082 | 490 | 708 | 88 | 2673 | 3.9 | 1/2 | 3/8 | 34 |
| HB2ELF07-CA-1YLA1 | 1342 | 1686 | 1349 | 1698 | 1209 | 1527 | 1349 | 1700 | 4.7 | | 1082 | 490 | 708 | 92 | 2673 | 3.9 | 1/2 | 1/2 | 33 |
| HB2ELF08-CA-1YLA1 | 1863 | 2316 | 1653 | 2085 | 1477 | 1869 | 1648 | 2085 | 5.8 | | 1082 | 490 | 708 | 92 | 2673 | 3.9 | 1/2 | 3/8 | 33 |
| HB2ELF09-CA-1YLA1 | 1842 | 2315 | 1850 | 2330 | 1657 | 2093 | 1850 | 2334 | 6.7 | | 1082 | 490 | 708 | 92 | 2673 | 3.9 | 1/2 | 3/8 | 33 |
| HB2ELF12-CA-1YLA1 | 2254 | 2844 | 2253 | 2849 | 2011 | 2548 | 2238 | 2837 | 8.5 | Housing 3 | 1277 | 538 | 1005 | 107 | 5195 | 6 | 7/8 | 1/2 | 36 |
| HB2ELF13-CA-1YLA1 | 2651 | 3323 | 2680 | 3368 | 2399 | 3023 | 2685 | 3374 | 9.4 | | 1277 | 538 | 1005 | 107 | 5195 | 6 | 7/8 | 1/2 | 36 |
| HB2ELF17-CA-1YLA1 | 3195 | 4016 | 3222 | 4059 | 2884 | 3644 | 3223 | 4065 | 10.7 | | 1277 | 538 | 1005 | 107 | 5195 | 6 | 7/8 | 1/2 | 36 |
| HB2ELF20-CA-1YLA1 | 3829 | 4802 | 3878 | 4874 | 3480 | 4386 | 3894 | 4897 | 12.3 | | 1277 | 538 | 1005 | 107 | 5195 | 6 | 7/8 | 1/2 | 36 |