

embraco
Nidec

New
**Unhoused
Condensing Units**
HFC range • EMEA



Know more about our products on: products.embraco.com



embraco
toolboxapp



product
selector



EMEA • CONDENSING UNITS LINE UP



| | EM | NEU | NT | NJ(X) | SCROLL |
|-----------------------------|-------------------------------|-------------|-------------|-------------|-------------|
| HP | 1/8 - 1/3 | 1/3 - 3/4 | 1/2 - 1 | 1 - 2 | 2 - 13 |
| Displacement (cc) | 1 - 11 | 6 - 17 | 13 - 28 | 21 - 38 | 33 - 197 |
| MBP | R452A R449A/R448A R513A | ■ ■ ■ | ■ ■ ■ | ■ ■ ■ | ■ ■ ■ |
| LBP | R452A R449A/R448A | ■ ■ | ■ ■ | ■ ■ | ■ ■ |
| Ecodesign approved | ■ | ■ | ■ | ■ | ■ |
| Ambient temperature* | +43°C | +43°C | +43°C | +43°C | +43°C |

* All Embraco Condensing Units are tested for tropical temperatures up to 43° C

MODELS AND PERFORMANCE LOW TEMPERATURE (LBP)

| CONDENSING UNITS MODELS | Compressors | | Cooling capacity (kW) RGT20* @+32°C | | | Max Power input (kW) | Dimensions (mm)** | | | Weight | MCC (A) | Fan | | Liquid receiver | Connection diameters | |
|--|-------------|------|-------------------------------------|-------|-------|----------------------|-------------------|-----|------|--------|---------|----------|-----|-----------------|----------------------|----------------|
| | Displ. (cc) | HP | -35°C | -35°C | +10°C | | W | D | H | | | Net (kg) | (A) | | Number of fans | Airflow (m³/h) |
| | | | | | | R449A | | | | R452A | | | | | | |
| Compressor 230V-1ph-50Hz - Fan 230V-1ph-50Hz | | | | | | | | | | | | | | | | |
| UEMT2117GK | 4,5 | 1/4 | - | 0,14 | 0,1 | 290 | 430 | 226 | 17,1 | 1,4 | 1 | 300 | 0,5 | 3/8" | 1/4" | |
| UEMT2121GK | 5,2 | 1/3 | - | 0,18 | 0,17 | 290 | 430 | 226 | 20 | 1,46 | 1 | 300 | 0,5 | 3/8" | 1/4" | |
| UEMT2125GK | 6,0 | 1/3+ | - | 0,20 | 0,20 | 435 | 308 | 254 | 15,4 | 1,2 | 1 | 420 | 1,1 | 3/8" | 1/4" | |
| UEMT2130GK | 6,8 | 1/2- | - | 0,22 | 0,23 | 300 | 435 | 254 | 15,4 | 2,5 | 1 | 420 | 1,1 | 3/8" | 1/4" | |
| UNEU2140GK | 8,8 | 1/2 | - | 0,25 | 0,75 | 340 | 475 | 296 | 20,9 | 3,05 | 1 | 595 | 1,1 | 3/8" | 1/4" | |
| UNEU2155GK | 12,1 | 3/4 | - | 0,32 | 0,37 | 340 | 475 | 296 | 22,2 | 4,21 | 1 | 595 | 1,1 | 3/8" | 1/4" | |
| UNEU2168GK | 14,3 | 3/4 | - | 0,10 | 0,42 | 340 | 502 | 296 | 23 | 4,8 | 1 | 460 | 1,1 | 3/8" | 1/4" | |
| UNT2178GK | 17,4 | 1- | - | 0,44 | 0,46 | 340 | 494 | 296 | 27,7 | 4,24 | 1 | 460 | 1,2 | 3/8" | 1/4" | |
| UNT2180GK | 20,4 | 1 | - | 0,55 | 0,55 | 340 | 494 | 296 | 28,6 | 5,8 | 1 | 460 | 1,2 | 3/8" | 1/4" | |
| UNT2192GK | 22,4 | 1+ | - | 0,59 | 0,59 | 395 | 500 | 324 | 32,8 | 5,5 | 1 | 800 | 2,3 | 3/8" | 3/8" | |
| UNT2210GK | 26,2 | 1,25 | - | 0,69 | 0,71 | 395 | 494 | 324 | 34,6 | 7,18 | 1 | 800 | 2,3 | 1/2" | 3/8" | |
| UNT2212GK | 27,8 | 1,5 | - | 0,40 | 0,73 | 395 | 500 | 324 | 36 | 5,25 | 1 | 800 | 2,3 | 1/2" | 3/8" | |
| UNJ2192GK | 26,1 | 1,25 | - | 0,65 | 0,70 | 404 | 505 | 324 | 35,3 | 4,75 | 1 | 800 | 2,3 | 1/2" | 3/8" | |
| UNJ2212GK | 34,4 | 1,5 | - | 0,83 | 0,81 | 404 | 505 | 324 | 37,9 | 6,5 | 1 | 800 | 2,3 | 5/8" | 3/8" | |
| Compressor 400V-3ph-50Hz - Fan 230V-1ph-50Hz or 400V-3ph-50Hz | | | | | | | | | | | | | | | | |
| UNJ2212GS | 34,4 | 1,5 | - | 0,85 | 0,72 | 405 | 505 | 324 | 36,5 | 2,38 | 1 | 800 | 2,3 | 5/8" | 3/8" | |
| UNJX2219GS | 38 | 2 | - | 1,15 | 1,21 | 612 | 657 | 494 | 45 | - | 1 | 3200 | 3,9 | 1/2" | 3/8" | |
| USE2006GS | - | 2 | 1,2 | 1,28 | 1,34 | 612 | 657 | 494 | 57 | 3,5 | 1 | 3200 | 3,9 | 7/8" | 3/8" | |
| USE2008GS | - | 2,5 | 1,51 | 1,62 | 1,66 | 612 | 657 | 494 | 57 | 3,9 | 1 | 3200 | 3,9 | 7/8" | 3/8" | |

MODELS AND PERFORMANCE MEDIUM TEMPERATURE (MBP)

| CONDENSING UNITS MODELS | Compressors | | Cooling capacity (kW) RGT20* @+32°C | | | Max Power input (kW) | Dimensions (mm)** | | | Weight | MCC (A) | Fan | | Liquid receiver | Connection diameters | |
|--|-------------|------|-------------------------------------|-------|-------|----------------------|-------------------|-----|------|--------|---------|----------|-----|-----------------|----------------------|----------------|
| | Displ. (cc) | HP | -10°C | -10°C | +10°C | | W | D | H | | | Net (kg) | (A) | | Number of fans | Airflow (m³/h) |
| | | | | | | R449A | | | | R452A | | | | | | |
| Compressor 230V-1ph-50Hz - Fan 230V-1ph-50Hz | | | | | | | | | | | | | | | | |
| UEMT6144GK | 4 | 1/4- | - | 0,38 | 0,21 | 302 | 480 | 226 | 16,6 | 1,68 | 1 | 300 | 0,6 | 3/8" | 1/4" | |
| UEMT6152GK | 4,5 | 1/4 | - | 0,4 | 0,24 | 302 | 480 | 226 | 16,6 | 1,94 | 1 | 300 | 0,6 | 3/8" | 1/4" | |
| UEMT6165GK | 5,5 | 1/3 | 0,45 | 0,49 | 0,29 | 302 | 480 | 254 | 17,3 | 2,32 | 1 | 420 | 1,1 | 3/8" | 1/4" | |
| UNEU6210GK | 7,3 | 1/3 | 0,61 | 0,69 | 0,4 | 340 | 475 | 296 | 21 | 3,11 | 1 | 595 | 1,1 | 3/8" | 1/4" | |
| UNEU6212GK | 8,8 | 1/2 | 0,73 | 0,82 | 0,49 | 340 | 465 | 296 | 20,1 | 4,25 | 1 | 595 | 1,1 | 3/8" | 1/4" | |
| UNEU6215GK | 12,1 | 1/2 | 1 | 1,13 | 0,67 | 395 | 480 | 324 | 29 | 5,23 | 1 | 640 | 1,1 | 3/8" | 1/4" | |
| UNEU6220GK | 14,3 | 3/4 | 1,18 | 1,32 | 0,76 | 398 | 471 | 323 | 25,3 | 5,55 | 1 | 640 | 2,3 | 1/2" | 3/8" | |
| UNT6220GK | 14,5 | 3/4 | 1,47 | 1,24 | 0,71 | 395 | 500 | 324 | 32,3 | 5,15 | 1 | 640 | 2,3 | 1/2" | 3/8" | |
| UNT6222GK | 17,4 | 3/4 | 1,32 | 1,43 | 0,85 | 395 | 500 | 324 | 32,5 | 7,73 | 1 | 640 | 2,3 | 1/2" | 3/8" | |
| UNT6224GK | 20,4 | 1 | UD | UD | UD | UD | UD | UD | UD | UD | UD | UD | UD | UD | UD | |
| UNT6226GK | 22,4 | 1+ | 1,71 | 1,85 | 1,04 | 405 | 485 | 372 | 33,6 | 7,27 | 1 | 700 | 2,3 | 1/2" | 3/8" | |
| UNJ9232GK | 26,1 | 1,25 | 1,9 | 2,05 | 1,25 | 440 | 600 | 372 | 41,5 | 8,12 | 1 | 1450 | 3,9 | 5/8" | 3/8" | |
| UNJ9238GK | 32,7 | 1,5 | 2,29 | 2,47 | 1,58 | 440 | 600 | 372 | 43 | 10,1 | 1 | 1300 | 3,9 | 5/8" | 3/8" | |
| Compressor 400V-3ph-50Hz - Fan 230V-1ph-50Hz or 400V-3ph-50Hz | | | | | | | | | | | | | | | | |
| UNJ9232GS | 26,1 | 1,25 | 1,95 | 2,1 | 1,17 | 440 | 600 | 372 | 39,7 | 3,35 | 1 | 1450 | 3,9 | 5/8" | 3/8" | |
| UNJ9238GS | 32,7 | 1,5 | 2,26 | 2,55 | 1,61 | 440 | 600 | 372 | 42 | 4,49 | 1 | 1300 | 3,9 | 5/8" | 3/8" | |
| UNJX6250GS | 38 | 2 | 3,11 | 3,35 | 1,99 | 612 | 657 | 494 | 45 | 3,4 | 1 | 3200 | 3,9 | 1/2" | 3/8" | |
| USE6015GS | - | 2 | 3,6 | 3,61 | 2,1 | 612 | 657 | 494 | 56 | 4,4 | 1 | 3200 | 3,9 | 7/8" | 3/8" | |
| USE6018GS | - | 2,5 | 4,2 | 4,2 | 2,4 | 612 | 657 | 494 | 57 | 5,9 | 1 | 3200 | 3,9 | 7/8" | 3/8" | |
| USE6021GS | - | 3 | 4,69 | 4,68 | 2,68 | 612 | 657 | 494 | 57 | 6,1 | 1 | 3200 | 3,9 | 7/8" | 3/8" | |

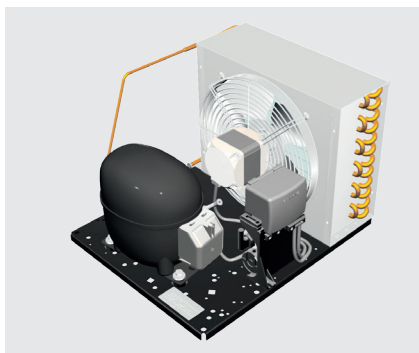
| CONDENSING UNITS MODELS | Compressors | | Cooling capacity (kW) RGT20* @+32°C | | | Max Power input (kW) | Dimensions (mm)** | | | Weight | MCC (A) | Fan | | Liquid receiver | Connection diameters | |
|--|-------------|------|-------------------------------------|-------|-------|----------------------|-------------------|-----|------|--------|---------|----------|-----|-----------------|----------------------|----------------|
| | Displ. (cc) | HP | -10°C | -10°C | +10°C | | W | D | H | | | Net (kg) | (A) | | Number of fans | Airflow (m³/h) |
| | | | | | | R513A | | | | R134a | | | | | | |
| Compressor 230V-1ph-50Hz - Fan 230V-1ph-50Hz | | | | | | | | | | | | | | | | |
| UEMT37HDP | 3,4 | - | - | 195 | 130 | 290 | 431 | 226 | 13,5 | 1,2 | 1 | 300 | 0,6 | 3/8" | 1/4" | |
| UEMT45HDR | 4 | 1/7 | - | 227 | 147 | 302 | 480 | 226 | 16 | 1,24 | 1 | 300 | 0,6 | 3/8" | 1/4" | |
| UEMT50HDP | 4,5 | 1/6 | - | 250 | 155 | 290 | 431 | 226 | 12,6 | 1,3 | 1 | 300 | 0,6 | 3/8" | 1/4" | |
| UEMT6144Z | 5,2 | 1/5 | - | 291 | 178 | 302 | 480 | 226 | 16,6 | 1,68 | 1 | 300 | 0,6 | 3/8" | 1/4" | |
| UEMT6160Z | 6,8 | 1/4 | - | 388 | 229 | 302 | 480 | 254 | 19 | 1,87 | 1 | 420 | 1,1 | 3/8" | 1/4" | |
| UEMT6170Z | 7,7 | 1/3- | - | 433 | 261 | 302 | 480 | 254 | 17,4 | 2,13 | 1 | 420 | 1,1 | 3/8" | 1/4" | |
| UNEU6187Z | 10 | 1/3 | 667 | 631 | 381 | 340 | 475 | 296 | 22,1 | 7,64 | 1 | 660 | 1 | 3/8" | 1/4" | |
| UNEU6210Z | 12,1 | 1/2 | 670 | 634 | 393 | 340 | 475 | 296 | 21 | 2,83 | 1 | 595 | 1,1 | 3/8" | 1/4" | |
| UNEU6212Z | 14,3 | 1/2 | 898 | 851 | 550 | 340 | 475 | 296 | 22,1 | 8,74 | 1 | 660 | 1 | 3/8" | 1/4" | |
| UNEU6214Z | 16,8 | 1/2 | 987 | 934 | 594 | 340 | 502 | 296 | 22,1 | 5,36 | 1 | 660 | 1 | 3/8" | 1/4" | |
| UNT6215Z | 17,4 | 1/2+ | 1049 | 998 | 632 | 398 | 477 | 296 | 26,2 | 4,9 | 1 | 930 | 1 | 3/8" | 1/4" | |
| UNT6217Z | 20,4 | 3/4+ | 1073 | 1021 | 611 | 395 | 471 | 323 | 31,8 | 5,43 | 1 | 640 | 2,3 | 3/8" | 3/8" | |
| UNT6220Z | 22,4 | 1 | 1328 | 1264 | 822 | 395 | 471 | 323 | 26,8 | 9,15 | 1 | 720 | 2,3 | 1/2" | 3/8" | |
| UNJ6220Z | 26,1 | 1 | 1303 | 1252 | 765 | 404 | 505 | 324 | 35,4 | 6,45 | 1 | 640 | 2,3 | 1/2" | 3/8" | |
| UNJ6226Z | 34,4 | 1,25 | 1599 | 1536 | 907 | 404 | 505 | 324 | 35,6 | 6,75 | 1 | 640 | 2,3 | 5/8" | 3/8" | |
| Compressor 400V-3ph-50Hz - Fan 230V-1ph-50Hz or 400V-3ph-50Hz | | | | | | | | | | | | | | | | |
| UNJ6220ZX | 26,1 | 1 | 1311 | 1260 | 723 | 409 | 481 | 324 | 35,7 | 2,13 | 1 | 640 | 2,3 | 1/2" | 3/8" | |
| UNJ6226ZX | 36,4 | 1,25 | 1630 | 1566 | 884 | 410 | 481 | 324 | 36,5 | 2,4 | 1 | 640 | 2,3 | 5/8" | 3/8" | |
| UNJX6232ZX | 38 | 2 | UD | UD | UD | UD | UD | UD | UD | UD | UD | UD | UD | UD | UD | |
| USE6015GS | - | 2 | 2376 | 2237 | 1267 | 612 | 657 | 494 | 56 | 4,4 | 1 | 3200 | 3,9 | 7/8" | 3/8" | |
| USE6018GS | - | 2,5 | 2785 | 2631 | 1429 | 612 | 657 | 494 | 57 | 5,9 | 1 | 3200 | 3,9 | 7/8" | 3/8" | |
| USE6021GS | - | 3 | 3123 | 2958 | 1575 | 612 | 657 | 494 | 57 | 6,1 | 1 | 3200 | 3,9 | 7/8" | 3/8" | |

*Performances according to EN13215 - RGT20 - Subcooling 3K

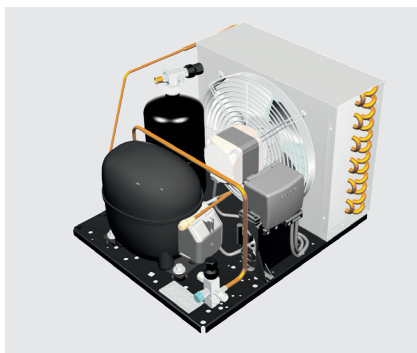
**Dimensions may change according to the configuration, please contact your Embraco representative

UD means Under Development

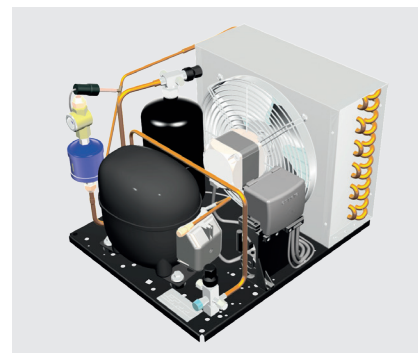
STANDARD EXECUTIONS



Without receiver
and without valves



With receiver and valves



With receiver, valves
and liquid line

CUSTOM EXECUTIONS

Customized versions can also be developed
according to the customer's needs

