

UNITÀ CONDENSATRICI AD ARIA AIR COOLED CONDENSING UNITS

DATI TECNICI / TECHNICAL DATA RANGE R404A MHPB 1 PHASE (220-240/1/50)



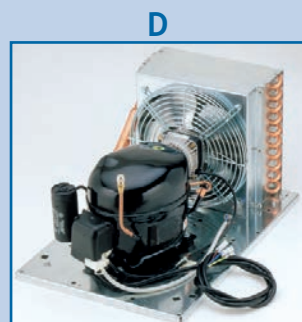
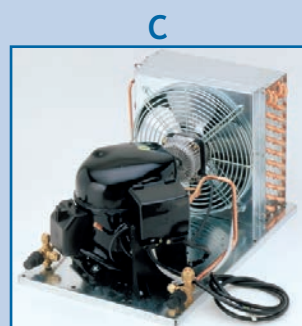
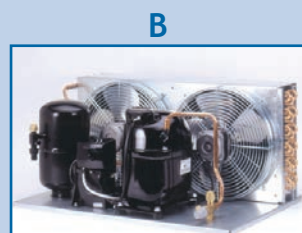
| Code | Model | Compressor | HP | W -10 | W -5 | W 0 | W +7 | IN | OUT | P | L | H | |
|--|---------------|------------|-------------|-------|-------|-------|-------|-------|----------|----------|-----|-----|-----|
| UNITÀ A VALVOLA - 1 ventola (valve expansion 1 fan) (foto A) | | | | | | | | | | | | | |
| 02032.7 | UCHG 12 A | Embraco | EMT 6144 GK | 1/6 | 314 | 360 | 429 | 538 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02032.8 | UCHG 20 A | Embraco | EMT 6152 GK | 1/5 | 364 | 420 | 499 | 629 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02032.9 | UCHG 25 A | Embraco | EMT 6165 GK | 1/4 | 440 | 499 | 596 | 746 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02033.1 | UCHG 28 A | Embraco | NEK 6181 GK | 1/4P | 498 | 585 | 717 | 929 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02034.1 | UCHG 33 A | Embraco | NEK 6210 GK | 1/3 | 613 | 714 | 855 | 1.082 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02035.1 | UCHG 50 A | Embraco | NEK 6213 GK | 1/2 | 919 | 1.058 | 1.265 | 1.580 | 3/8"-10 | 1/4"-6 | 500 | 340 | 300 |
| 02036.7 | UCHG 58 A | Embraco | NEK 6217 GK | 5/8 | 1.031 | 1.197 | 1.431 | 1.791 | 3/8"-10 | 1/4"-6 | 500 | 340 | 300 |
| 02037.2 | UCHG 70 A | Embraco | NT 6220 GK | 3/4L | 1.129 | 1.280 | 1.510 | 1.891 | 1/2"-12 | 3/8"-10 | 540 | 400 | 350 |
| 02037.7 | UCHG 75 A | Embraco | NT 6222 GK | 3/4 | 1.248 | 1.442 | 1.719 | 2.142 | 1/2"-12 | 3/8"-10 | 540 | 400 | 350 |
| 02039.2 | UCHG 100 A | Embraco | NT 6226 GK | 1 | 1.655 | 1.924 | 2.321 | 2.949 | 1/2"-12 | 3/8"-10 | 540 | 400 | 350 |
| 02040 | UCHG 120 A | Embraco | NJ 9232 GK | 1,2 | 2.253 | 2.628 | 3.182 | 4.070 | 5/8"-16 | 3/8"-10 | 570 | 570 | 430 |
| 02040.2 | UCHG 150 A | Embraco | NJ 9238 GK | 1,5 | 2.585 | 2.956 | 3.509 | 4.363 | 5/8"-16 | 3/8"-10 | 570 | 570 | 430 |
| 14902.4 | UCHG 180 U | Tecumseh | FH 4522 Z | 1,8 | 2.820 | 3.273 | 3.725 | 4.610 | 5/8" ods | 3/8" ods | 600 | 510 | 430 |
| UNITÀ A VALVOLA - 2 ventole (valve expansion 2 fans) (foto B) | | | | | | | | | | | | | |
| 02042 | UCHG 50 A 2 | Embraco | NEK 6213 GK | 1/2 | 1.011 | 1.164 | 1.391 | 1.738 | 3/8"-10 | 1/4"-6 | 475 | 620 | 300 |
| 02042.7 | UCHG 58 A 2 | Embraco | NEK 6217 GK | 5/8 | 1.134 | 1.317 | 1.574 | 1.970 | 3/8"-10 | 1/4"-6 | 475 | 620 | 300 |
| 02042.8 | UCHG 75 A 2 | Embraco | NT 6222 GK | 3/4 | 1.372 | 1.586 | 1.891 | 2.356 | 1/2"-12 | 3/8"-10 | 465 | 730 | 350 |
| 02043.7 | UCHG 100 A 2 | Embraco | NT 6226 GK | 1 | 1.820 | 2.117 | 2.553 | 3.243 | 1/2"-12 | 3/8"-10 | 465 | 730 | 350 |
| 02044 | UCHG 120 A 2 | Embraco | NJ 9232 GK | 1,2 | 2.479 | 2.891 | 3.501 | 4.477 | 5/8"-16 | 3/8"-10 | 465 | 730 | 350 |
| 02045 | UCHG 150 A 2 | Embraco | NJ 9238 GK | 1,5 | 2.844 | 3.251 | 3.860 | 4.800 | 5/8"-16 | 3/8"-10 | 465 | 730 | 350 |
| 14920.3 | UCHG 180 A 2 | Tecumseh | FH 4522 Z | 1,8 | 3.170 | 3.600 | 4.098 | 5.071 | 5/8" ods | 3/8" ods | 550 | 730 | 355 |
| UNITÀ A CAPILLARE - 1 ventola (capillary 1 fan) (foto C) | | | | | | | | | | | | | |
| 02048.70 | UCSHG 12 A | Embraco | EMT 6144 GK | 1/6 | 314 | 360 | 429 | 538 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02048.71 | UCSHG 20 A | Embraco | EMT 6152 GK | 1/5 | 364 | 420 | 499 | 629 | 3/8"-11 | 1/4"-7 | 500 | 340 | 270 |
| 02048.72 | UCSHG 25 A | Embraco | EMT 6165 GK | 1/4 | 440 | 499 | 596 | 746 | 3/8"-11 | 1/4"-7 | 500 | 340 | 270 |
| 02048.6 | UCSHG 28 A | Embraco | NEK 6181 GK | 1/4P | 498 | 585 | 717 | 929 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02048.8 | UCSHG 33 A | Embraco | NEK 6210 GK | 1/3 | 613 | 714 | 855 | 1.082 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02048.10 | UCSHG 50 A | Embraco | NEK 6213 GK | 1/2 | 919 | 1.058 | 1.265 | 1.580 | 3/8"-10 | 1/4"-6 | 500 | 340 | 300 |
| 02048.73 | UCSHG 58 A | Embraco | NEK 6217 GK | 5/8 | 1.031 | 1.197 | 1.431 | 1.791 | 3/8"-10 | 1/4"-6 | 500 | 340 | 300 |
| 02048.74 | UCSHG 75 A | Embraco | NT 6222 GK | 3/4 | 1.248 | 1.442 | 1.719 | 2.142 | 1/2"-12 | 3/8"-10 | 540 | 400 | 350 |
| 02048.18 | UCSHG 100 A | Embraco | NT 6226 GK | 1 | 1.655 | 1.924 | 2.321 | 2.949 | 1/2"-12 | 3/8"-10 | 540 | 400 | 350 |
| UNITÀ A CAPILLARE SALDARE - 1 ventola (capillary without valves 1 fan) (foto D) | | | | | | | | | | | | | |
| 02048.90 | UCSHG 12 A sa | Embraco | EMT 6144 GK | 1/6 | 314 | 360 | 429 | 538 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02048.91 | UCSHG 20 A sa | Embraco | EMT 6152 GK | 1/5 | 364 | 420 | 499 | 629 | 3/8"-11 | 1/4"-7 | 500 | 340 | 270 |
| 02048.92 | UCSHG 25 A sa | Embraco | EMT 6165 GK | 1/4 | 440 | 499 | 596 | 746 | 3/8"-11 | 1/4"-7 | 500 | 340 | 270 |
| 02048.23 | UCSHG 28 A sa | Embraco | NEK 6181 GK | 1/4P | 498 | 585 | 717 | 929 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02048.24 | UCSHG 33 A sa | Embraco | NEK 6210 GK | 1/3 | 613 | 714 | 855 | 1.082 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02048.25 | UCSHG 50 A sa | Embraco | NEK 6213 GK | 1/2 | 919 | 1.058 | 1.265 | 1.580 | 3/8"-10 | 1/4"-6 | 500 | 340 | 300 |

3 PHASE (400-440/3/50-60)

| Code | Model | Compressor | HP | W -10 | W -5 | W 0 | W +7 | IN | OUT | P | L | H | |
|--|---------------|------------|------------|-------|-------|-------|-------|--------|-----------|----------|-----|-------|-----|
| UNITÀ A VALVOLA - 1 ventola (valve expansion 1 fan) (foto A) | | | | | | | | | | | | | |
| 02047 | TUCHG 100 A | Embraco | NJ 9226 GS | 1 | 1.655 | 1.924 | 2.321 | 2.949 | 1/2"-12 | 3/8"-10 | 540 | 400 | 350 |
| 02047.1 | TUCHG 120 A | Embraco | NJ 9232 GS | 1,2 | 2.253 | 2.628 | 3.182 | 4.070 | 5/8"-16 | 3/8"-10 | 570 | 570 | 430 |
| 02047.2 | TUCHG 150 A | Embraco | NJ 9238 GS | 1,5 | 2.585 | 2.956 | 3.509 | 4.363 | 5/8"-16 | 3/8"-10 | 570 | 570 | 430 |
| UNITÀ A VALVOLA - 2 ventole (valve expansion 2 fans) (foto B) | | | | | | | | | | | | | |
| 02047.4 | TUCHG 100 A 2 | Embraco | NJ 9226 GS | 1 | 1.820 | 2.117 | 2.553 | 3.243 | 1/2"-12 | 3/8"-10 | 465 | 730 | 350 |
| 02047.5 | TUCHG 120 A 2 | Embraco | NJ 9232 GS | 1,2 | 2.479 | 2.891 | 3.501 | 4.477 | 5/8"-16 | 3/8"-10 | 465 | 730 | 350 |
| 02047.6 | TUCHG 150 A 2 | Embraco | NJ 9238 GS | 1,5 | 2.844 | 3.251 | 3.860 | 4.800 | 5/8"-16 | 3/8"-10 | 465 | 730 | 350 |
| 14920.4 | TUCHG 180 U 2 | Tecumseh | TFH 4522 Z | 1,8 | 3.170 | 3.600 | 4.098 | 5.071 | 5/8" ods | 3/8" ods | 550 | 730 | 355 |
| 14922.5 | TUCHG 260 U 2 | Tecumseh | TFH 4531 Z | 2,6 | 3.887 | 4.296 | 5.486 | 6.765 | 7/8" ods | 3/8" ods | 650 | 1.060 | 545 |
| 14924.5 | TUCHG 330 U 2 | Tecumseh | TFH 4540 Z | 3,3 | 4.597 | 5.056 | 6.435 | 7.911 | 7/8" sald | 1/2" ods | 650 | 1.060 | 545 |
| 14926.4 | TUCHG 380 U 2 | Tecumseh | TAG 4546 Z | 3,8 | 5.541 | 6.281 | 8.163 | 10.345 | 7/8" ods | 5/8" ods | 650 | 1.060 | 545 |
| 14926.5 | TUCHG 440 U 2 | Tecumseh | TAG 4553 Z | 4,4 | 6.013 | 6.771 | 8.759 | 10.963 | 7/8" ods | 5/8" ods | 650 | 1.060 | 545 |

Condizioni di resa a $T_{ev} = -10^{\circ}C$
 Temperatura di condensazione $+45^{\circ}C$, Temperatura ambiente $+32^{\circ}C$,
 Surriscaldamento gas 6K, Sottoraffreddamento liquido 8K
 (1 ventola)

Test conditions $T_{ev} = -10^{\circ}C$
 Condensing temperature $+45^{\circ}C$, Ambient temperature $+32^{\circ}C$,
 Superheat 6K, Subcooling 8K (1 fan)



UNITÀ CONDENSATRICI AD ARIA AIR COOLED CONDENSING UNITS



DATI TECNICI / TECHNICAL DATA

RANGE R404A LBP

1 PHASE (220-240/1/50)

| Code | Model | Compressor | HP | W -40 | W -35 | W -30 | W -23 | IN | OUT | P | L | H | |
|--|--------------|------------|-------------|-------|-------|-------|-------|-------|-----------|-----------|-----|-----|-----|
| UNITÀ A VALVOLA - 1 ventola (valve expansion 1 fan) (foto A) | | | | | | | | | | | | | |
| 02013.7 | UCG 33 A | Embraco | EMT 2125 GK | 1/3 | 100 | 150 | 215 | 325 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02014 | UCG 40 A | Embraco | NEK 2130 GK | 1/3P | 115 | 178 | 257 | 386 | 3/8"-11 | 1/4"-7 | 500 | 340 | 270 |
| 02011.7 | UCG 50 A | Embraco | NEK 2134 GK | 1/2 | 130 | 217 | 313 | 473 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02012.7 | UCG 58 A | Embraco | NEK 2150 GK | 5/8 | 195 | 254 | 349 | 538 | 3/8"-11 | 1/4"-7 | 500 | 340 | 270 |
| 02018.7 | UCG 75 A | Embraco | NEK 2168 GK | 3/4 | 253 | 344 | 462 | 683 | 3/8"-11 | 1/4"-6 | 500 | 340 | 300 |
| 02022.7 | UCG 90 A | Embraco | NT 2180 GK | 7/8 | 307 | 419 | 560 | 813 | 3/8"-10 | 1/4"-6 | 500 | 340 | 300 |
| 02023.7 | UCG 120 A | Embraco | NT 2192 GK | 1,2 | 372 | 534 | 727 | 1.059 | 1/2"-12 | 3/8"-10 | 540 | 400 | 350 |
| 02025.7 | UCG 150 A | Embraco | NT 2212 GK | 1,5 | 429 | 639 | 902 | 1.359 | 1/2"-12 | 3/8"-10 | 540 | 400 | 350 |
| 14902.5 | UCG 200 U | Tecumseh | FH 2480 Z | 2 | 855 | 1.248 | 1.640 | 2.225 | 5/8" ods | 3/8" ods | 600 | 510 | 430 |
| UNITÀ A VALVOLA - 2 ventole (valve expansion 2 fans) (foto B) | | | | | | | | | | | | | |
| 02031 | UCG 150 A 2 | Embraco | NT 2212 GK | 1,5 | 472 | 703 | 992 | 1.495 | 1/2"-12 | 3/8"-10 | 465 | 730 | 350 |
| 14920.5 | UCG 200 U 2 | Tecumseh | FH 2480 Z | 2 | 1.025 | 1.495 | 1.965 | 2.670 | 5/8" sald | 3/8" sald | 550 | 730 | 355 |
| UNITÀ A CAPILLARE - 1 ventola (capillary 1 fan) (foto C) | | | | | | | | | | | | | |
| 02049.70 | UCSG 33 A | Embraco | EMT 2125 GK | 1/3 | 100 | 150 | 215 | 325 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02049.71 | UCSG 50 A | Embraco | NEK 2134 GK | 1/2 | 130 | 217 | 313 | 473 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 02049.72 | UCSG 58 A | Embraco | NEK 2150 GK | 5/8 | 195 | 254 | 349 | 538 | 3/8"-11 | 1/4"-7 | 500 | 340 | 270 |
| 02049.73 | UCSG 75 A | Embraco | NEK 2168 GK | 3/4 | 253 | 344 | 462 | 683 | 3/8"-10 | 1/4"-6 | 500 | 340 | 300 |
| 02049.74 | UCSG 90 A | Embraco | NT 2180 GK | 7/8 | 307 | 419 | 560 | 813 | 3/8"-10 | 1/4"-6 | 500 | 340 | 300 |
| 02049.75 | UCSG 120 A | Embraco | NT 2192 GK | 1,2 | 372 | 534 | 727 | 1.059 | 1/2"-12 | 3/8"-10 | 540 | 400 | 350 |
| UNITÀ A CAPILLARE SALDARE - 1 ventola (capillary without valves 1 fan) (foto D) | | | | | | | | | | | | | |
| 12989.7 | UCSG 33 A sa | Embraco | EMT 2125 GK | 1/3 | 100 | 150 | 215 | 325 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 12990.7 | UCSG 50 A sa | Embraco | NEK 2134 GK | 1/2 | 130 | 217 | 313 | 473 | 3/8"-10 | 1/4"-6 | 500 | 340 | 270 |
| 12991.7 | UCSG 58 A sa | Embraco | NEK 2150 GK | 5/8 | 195 | 254 | 349 | 538 | 3/8"-11 | 1/4"-7 | 500 | 340 | 270 |
| 12992.7 | UCSG 75 A sa | Embraco | NEK 2168 GK | 3/4 | 253 | 344 | 462 | 683 | 3/8"-10 | 1/4"-6 | 500 | 340 | 300 |
| 12992.8 | UCSG 90 A sa | Embraco | NT 2180 GK | 7/8 | 307 | 419 | 560 | 813 | 3/8"-10 | 1/4"-6 | 500 | 340 | 300 |

3 PHASE (400-440/3/50-60)

| Code | Model | Compressor | HP | W -40 | W -35 | W -30 | W -23 | IN | OUT | P | L | H | |
|--|--------------|------------|------------|-------|-------|-------|-------|-------|------------|----------|-----|-------|-----|
| UNITÀ A VALVOLA - 1 ventola (valve expansion 1 fan) (foto A) | | | | | | | | | | | | | |
| 02029 | TUCG 120 A | Embraco | NJ 2192 GS | 1,2 | 372 | 534 | 727 | 1.059 | 1/2"-12 | 3/8"-10 | 540 | 400 | 350 |
| 02030.1 | TUCG 150 A | Embraco | NJ 2212 GS | 1,5 | 429 | 639 | 902 | 1.359 | 1/2"-12 | 3/8"-10 | 540 | 400 | 350 |
| UNITÀ A VALVOLA - 2 ventole (valve expansion 2 fans) (foto B) | | | | | | | | | | | | | |
| 02029.4 | TUCG 150 A 2 | Embraco | NJ 2212 GS | 1,5 | 472 | 703 | 992 | 1.495 | 1/2"-12 | 3/8"-10 | 465 | 730 | 350 |
| 14920.6 | TUCG 200 U 2 | Tecumseh | TFH 2480 Z | 2 | 1.025 | 1.495 | 1.965 | 2.150 | 5/8" ods | 3/8" ods | 550 | 730 | 355 |
| 14922.6 | TUCG 400 U 2 | Tecumseh | TAG 2516 Z | 4 | 1.645 | 2.638 | 3.630 | 4.123 | 1 1/8" ods | 3/8" ods | 650 | 1.060 | 545 |
| 14924.6 | TUCG 550 U 2 | Tecumseh | TAG 2522 Z | 5,5 | 2.133 | 3.129 | 4.125 | 4.877 | 1 1/8" ods | 1/2" ods | 650 | 1.060 | 545 |

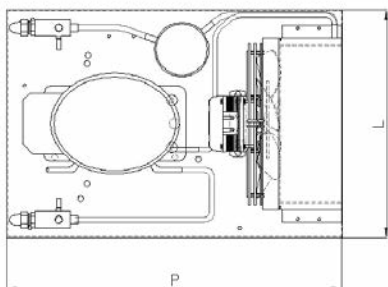
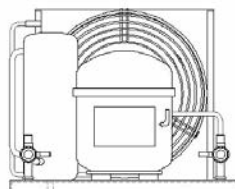
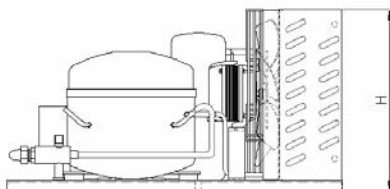
Condizioni di resa a $T_{ev} = -30^{\circ}C$

Temperatura di condensazione $+45^{\circ}C$, Temperatura ambiente $+32^{\circ}C$,
Surriscaldamento gas 2K, Sottoraffreddamento liquido 8K

(1 ventola)

Test conditions $T_{ev} = -30^{\circ}C$

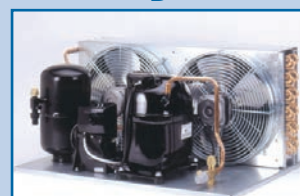
Condensing temperature $+45^{\circ}C$, Ambient temperature $+32^{\circ}C$,
Superheat 2K, Subcooling 8K (1 fan)



A



B



C



D



MTH SRL - VIA RIVERA, 92
10040 ALMESE (TO) - ITALY
Tel. +39.011.9351580
Fax +39.011.9350668
www.mth.it
mthsrll@mth.it