



compressors

25

| | |
|-----------------------------------|-----|
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compressors

ACC / CUBIGEL / ZEL

R134A



technical data:
refrigerant R134a
voltage 220-240V
frequency 50Hz

| fig. | GEV No. | type | weight (kg) | P (HP) | power input (W) | cylinder capacity (cm ³) | motor system | power at -25°C (W) | power at -20°C (W) | power at -15°C (W) | power at -10°C (W) | power at -5°C (W) | power at 0°C (W) | power at +5°C (W) | power at +10°C (W) |
|------|---------|---------|-------------|--------|-----------------|--------------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-------------------|--------------------|
| 1 | 605010 | GL12TB | 11.2 | 3/8 | 661 | 12 | CSIR | 143 | 194 | 259 | 339 | 432 | 539 | 661 | 796 |
| 1 | 605012 | GL45TB | 8.4 | 1/6 | 342 | 4.5 | CSIR | 76 | 101 | 134 | 175 | 223 | 278 | 342 | 413 |
| 1 | 605007 | GL60TB | 9.5 | 1/5 | 437 | 5.7 | CSIR | 95 | 128 | 170 | 222 | 284 | 355 | 437 | 528 |
| 1 | 605062 | GL80AA | 9 | 1/5 | 162 | 7.39 | RSIR | 144 | 196 | 256 | 326 | - | - | - | - |
| 1 | 605008 | GL80TB | 9.5 | 1/5 | 554 | 7.6 | CSIR | 165 | 215 | 290 | 390 | 500 | 615 | 727 | 840 |
| 2 | 605011 | GP14TB | 11.5 | 3/8 | 566 | 14 | CSIR | 191 | 271 | 373 | 497 | 643 | 810 | 999 | 1209 |
| 2 | 605170 | GP16TB | 12 | 3/8 | 690 | 16.15 | CSIR | 295 | 395 | 523 | 688 | 878 | 1093 | 1323 | 1598 |
| 3 | 605182 | GX18TB | 16 | 1/2 | 1390 | 18.39 | CSIR | 401 | 553 | 734 | 944 | 1182 | 1449 | 1744 | 2068 |
| 4 | 605126 | OF1350A | - | - | 158 | 7.5 | RSIR | 130 | - | - | - | - | - | - | - |


R404a/R507




technical data:
refrigerant R404a/R507
voltage 220-240V
frequency 50Hz

| fig. | GEV No. | type | weight (kg) | P (HP) | power input (W) | cylinder capacity (cm ³) | motor system | power at -25°C (W) | power at -20°C (W) | power at -15°C (W) | power at -10°C (W) | power at -5°C (W) | power at 0°C (W) | power at +5°C (W) | power at +10°C (W) |
|------|---------|--------|-------------|--------|-----------------|--------------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-------------------|--------------------|
| 1 | 605014 | ML80TB | 11.4 | 3/8 | 880 | 7.57 | CSIR | 261 | 346 | 446 | 561 | 691 | 835 | 993 | 1167 |
| 1 | 605069 | ML80TG | 11.2 | 3/8 | 510 | 7.6 | CSIR | - | - | 386 | 487 | 603 | 734 | 880 | 1041 |
| 1 | 605028 | ML90TB | 11.6 | 3/8 | 1055 | 8.85 | CSIR | 323 | 418 | 532 | 666 | 819 | 990 | 1181 | 1391 |
| 2 | 605176 | ML90FB | 11 | 1/3 | 333 | 8.85 | CSIR | 394 | 495 | 606 | 729 | - | - | - | - |
| 3 | 605029 | MP12RB | 13.5 | 1/2 | 680 | 12 | CSR | 561 | 734 | 933 | 1157 | 1407 | 1681 | 1982 | - |
| 3 | 605168 | MP14RB | 13.5 | 1/2 | 1674 | 14.2 | CSR | 535 | 694 | 884 | 1104 | 1353 | 1632 | 1942 | 2281 |
| 4 | 605127 | MX18FB | 17.3 | 5/8 | 571 | 18.4 | CSR | 750 | 985 | 1219 | 1498 | - | - | - | - |




| | | | | | | | | | | | | | | | |
|---|--------|--------|------|-----|------|------|-----|-----|-----|------|------|------|------|--|------|
|  | | | | | | | | | | | | | | technical data: refrigerant R404a/R507 voltage 220-240V frequency 50Hz | |
| 5 | 605072 | MX18TB | 17.2 | 7/8 | 2157 | 18.4 | CSR | 640 | 839 | 1076 | 1350 | 1663 | 2013 | 2400 | 2826 |

| R600A | | | | | | | | | | | | | | | |
|---|--------|---------|-----|-----|-----|---|---|---|---|---|---|---|---|---|---|
|  | | | | | | | | | | | | | | technical data: refrigerant R600a voltage 220-240V frequency 50Hz motor system - | |
| 1 | 605150 | HVM10AA | 8.7 | 1/5 | 166 | - | - | - | - | - | - | - | - | - | - |
| 2 | 605141 | HVM12AA | 8.8 | - | 198 | - | - | - | - | - | - | - | - | - | - |

accessories

starting relays

|  | | | | | | | | | | | | | | | |
|---|---------|-------------|------|---------|-------------|------|---------|----------|--|--|--|--|--|--|--|
| pos. | GEV No. | type | pos. | GEV No. | type | pos. | GEV No. | type | | | | | | | |
| 1 | 380461 | MTRP H 4920 | 2 | 380061 | MTRP0027-31 | 3 | 381152 | MTRP4639 | | | | | | | |



DANFOSS

R134A



technical data:
refrigerant R134a
voltage 220-240V

| pos. | GEV No. | type | freq. (Hz) | weight (kg) | P (HP) | power input (W) | cylinder capacity (cm ³) | motor system | power at -25°C (W) | power at -20°C (W) | power at -15°C (W) | power at -10°C (W) | power at -5°C (W) | power at 0°C (W) | power at +5°C (W) | power at +10°C (W) |
|------|---------|-----------------|------------|-------------|--------|-----------------|--------------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-------------------|--------------------|
| 1 | 605088 | FR7.5G | 50/60 | 10.6 | 1/5 | 175 | 6.93 | RSIR/CSIR | 99 | 142 | 193 | 254 | 325 | 408 | 505 | 618 |
| 2 | 605091 | FR8.5G/FF8.5HBK | 50 | 10.6 | 1/4 | 261 | 7.95 | RSIR/CSIR | 123 | 171 | 228 | 298 | 381 | 478 | 592 | 722 |
| 3 | 605087 | SC12G | 50 | 12.6 | 1/3 | 470 | 12.9 | RSIR/CSIR | 216 | 312 | 430 | 574 | 746 | 951 | 1191 | 1469 |
| 4 | 605077 | SC15G HST | 50 | 13.1 | 3/8 | 385 | 15.3 | CSIR | 203 | 358 | 523 | 703 | 901 | 1124 | 1377 | 1665 |
| 5 | 605076 | SC18G | 50 | 13.7 | 1/2 | 495 | 17.7 | CSIR | 348 | 485 | 649 | 844 | 1074 | 1343 | 1655 | 2014 |

R404a/R507

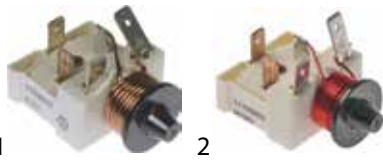


technical data:
refrigerant R404a/R507
voltage 220-240V

| pos. | GEV No. | type | freq. (Hz) | weight (kg) | P (HP) | power input (W) | cylinder capacity (cm ³) | motor system | power at -25°C (W) | power at -20°C (W) | power at -15°C (W) | power at -10°C (W) | power at -5°C (W) | power at 0°C (W) | power at +5°C (W) | power at +10°C (W) |
|------|---------|---------|------------|-------------|--------|-----------------|--------------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-------------------|--------------------|
| 1 | 605179 | SC10CLX | 50/60 | 13.1 | 1/3 | 315 | 10.29 | CSIR | 424 | 569 | 737 | 932 | 1154 | - | - | - |
| 2 | 605058 | SC15CL | 50 | 13.8 | 1/2 | 495 | 15.28 | CSIR | 637 | 813 | 1017 | 1251 | 1699 | - | - | - |
| 3 | 605082 | SC21CL | 50 | 14 | 7/8 | 590 | 20.95 | CSR | 947 | 1215 | 1524 | 1876 | - | - | - | - |

accessories

starting relays



| fig. | GEV No. | type | fig. | GEV No. | type | fig. | GEV No. | type |
|------|---------|---------------|------|---------|---------------|------|---------|---------------|
| 1 | 380483 | 117U6003/F142 | 2 | 380484 | 117U6015/F394 | 2 | 380058 | 117U6019/F278 |



EMBRACO / ASPERA

R134A



technical data:
refrigerant R134a
voltage 220-240V
frequency 50Hz

| pos. | GEV No. | type | weight (kg) | P (HP) | power input (W) | cylinder capacity (cm ³) | motor system | power at -25°C (W) | power at -20°C (W) | power at -15°C (W) | power at -10°C (W) | power at -5°C (W) | power at 0°C (W) | power at +5°C (W) | power at +10°C (W) |
|------|---------|----------|-------------|--------|-----------------|--------------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-------------------|--------------------|
| 1 | 605016 | EM65HHR | 7.62 | 1/6 | 473 | 5.54 | CSIR | - | - | - | 304 | 388 | 484 | 592 | 711 |
| 2 | 605017 | EMT36HLP | 7.52 | 1/10 | 108 | 3.97 | RSIR | 94 | 123 | 160 | 203 | 253 | - | - | - |
| 3 | 605086 | EMT45HDR | 7.7 | 1/8 | - | 3.97 | CSIR | - | - | 162 | 207 | 256 | 314 | 383 | 467 |
| 4 | 605181 | EMT50HDP | 7.8 | 1/6 | 190 | 4.5 | RSIR | - | - | 161 | 207 | 261 | 324 | 396 | 476 |
| 5 | 605166 | EMT6144Z | 7.9 | 1/6 | 222 | 6.05 | CSIR | - | - | 238 | 300 | 374 | 461 | 560 | - |
| 6 | 605135 | EMT6170Z | 8.1 | 1/6 | 356 | 7.69 | CSIR | - | - | 281 | 358 | 448 | 550 | 663 | - |
| 7 | 605175 | NJ6226Z | 19.8 | 1 1/4 | 1232 | 34.37 | CSR | - | - | 1144 | 1497 | 1892 | 2340 | 2852 | 3438 |

R404A



technical data:
frequency 50Hz

| fig. | GEV No. | coolant | type | volt. (V) | weight (kg) | P (HP) | power input (W) | cylinder capacity (cm ³) | motor system | power at -25°C (W) | power at -20°C (W) | power at -15°C (W) | power at -10°C (W) | power at -5°C (W) | power at 0°C (W) | power at +5°C (W) | power at +10°C (W) |
|------|---------|------------|-----------|-----------|-------------|--------|-----------------|--------------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-------------------|--------------------|
| 1 | 605139 | R404A | EMT6165GK | 220-240 | 7.92 | 1/4 | 750 | 5.19 | CSIR | - | - | 315 | 384 | 477 | 570 | 689 | 808 |
| 2 | 605152 | R404A | NEK2134GK | 220-240 | 11 | 1/2 | 253 | 8.77 | CSIR | 394 | 501 | 621 | 753 | - | - | - | - |
| 2 | 605144 | R404A | NEK2168GK | 220-240 | 22.9 | 3/4 | 604 | 14.28 | CSR | 587 | 742 | 921 | 1123 | - | - | - | - |
| 2 | 605149 | R404A | NEK6144GK | 220-240 | 10 | 1/4 | 187.5 | 4.51 | CSIR | - | 271 | 326 | 395 | 480 | 580 | 694 | 825 |
| 2 | 605162 | R404A | NEK6181GK | 220-240 | 10.4 | 1/4 | 515 | 7.28 | CSIR | - | 454 | 533 | 677 | 826 | 1000 | 1198 | 1422 |
| 2 | 605161 | R404A | NEK6210GK | 220-240 | 8.5 | 3/8 | 628 | 8.78 | CSIR | - | 566 | 674 | 815 | 988 | 1195 | 1435 | 1707 |
| 3 | 605186 | R404A | NEK2150GK | 220-240 | 11.6 | 1/2 | 346 | 12.12 | CSIR | 522 | 657 | 814 | 995 | - | - | - | - |
| 3 | 605000 | R404A | NEK6210GK | 220-240 | 11 | 1/2 | 628 | 8.77 | CSIR | - | 500 | 598 | 571 | 710 | 849 | 1032 | 1216 |
| 3 | 605125 | R404A | NEK6213GK | 220-240 | 11.6 | 1/2 | 982 | 12.12 | CSIR | - | 695 | 884 | 1093 | 1333 | 1600 | 1894 | 2215 |
| 3 | 605165 | R404A | NT6226GK | 220-240 | 18.1 | 1 | 1376 | 22.4 | CSR | - | 1314 | 1650 | 2058 | 2532 | 3068 | 3658 | 4298 |
| 3 | 605130 | R404a/R507 | EMT6144GK | 220-240 | 8.1 | 1/4 | 285 | 3.97 | CSIR | - | 246 | 307 | 377 | 459 | 552 | 656 | 774 |
| 3 | 605178 | R404a/R507 | NEK6217GK | 220-240 | 11.6 | 3/4 | 1010 | 14.3 | CSR | - | 777 | 954 | 955 | 1171 | 1386 | 1651 | 1916 |
| 3 | 605174 | R404a/R507 | NJ2192GK | 220-240 | 20.4 | 1 1/4 | 854 | 26.2 | CSR | 1342 | 1745 | 2196 | 2196 | - | - | - | - |
| 3 | 605081 | R404a/R507 | NJ2212GK | 220-240 | 21.5 | 1 1/2 | 1150 | 34 | CSR | 1738 | 2289 | 2921 | 2921 | - | - | - | - |
| 3 | 605030 | R404a/R507 | NJ9226GK | 220-240 | 20.8 | 1 | 970 | 21.7 | CSR | - | 1363 | 1764 | 2249 | 2819 | 3472 | 4210 | 5032 |
| 3 | 605177 | R404a/R507 | NJ9238GK | 220-240 | 22.1 | 1 1/2 | 1521 | 32.7 | CSR | - | 2016 | 2640 | 3315 | 4045 | 4830 | 5668 | 6560 |
| 4 | 605164 | R404A | NT2178GK | 220/240 | 17 | 1 | 425 | 17.4 | CSR | 808 | 1032 | 1285 | 1565 | - | - | - | - |
| 4 | 605132 | R404A | NT6222GK | 200-240 | 17 | 1 | 1318 | 17.39 | CSR | - | 810 | 1032 | 1040 | 1174 | 1307 | 1583 | 2247 |

R600A



technical data:
refrigerant R600a
frequency 50Hz

| pos. | GEV No. | type | volt. (V) | weight (kg) | P (HP) | power input (W) | cylinder capacity (cm ³) | motor system | power at -25°C (W) | power at -20°C (W) | power at -15°C (W) | power at -10°C (W) | power at -5°C (W) | power at 0°C (W) | power at +5°C (W) | power at +10°C (W) |
|------|---------|----------|-----------|-------------|--------|-----------------|--------------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-------------------|--------------------|
| 1 | 605083 | EMT30CDP | 230 | 7.2 | - | - | 4.5 | RSIR | - | - | 112 | 142 | 180 | 222 | 268 | 320 |
| 2 | 605085 | EMT45CDP | 220-240 | 7.7 | - | 152 | 6.78 | RSIR | - | - | 164 | 209 | 262 | 322 | 392 | 477 |
| 3 | 605084 | NBT1118Y | 230 | 10.8 | 1/4 | 185 | 14.28 | RSIR | 214 | 274 | 343 | 424 | - | - | - | - |

accessories

starting relays



1

fig. GEV No. description

1 380070 start relay 220-240V

L'UNITE HERMETIQUE / TECUMSEH

R134A



technical data:
refrigerant R134a
voltage 220-240V
frequency 50Hz

| fig. | GEV No. | type | weight (kg) | P (HP) | power input (W) | cylinder capacity (cm ³) | motor system | power at -25°C (W) | power at -20°C (W) | power at -15°C (W) | power at -10°C (W) | power at -5°C (W) | power at 0°C (W) | power at +5°C (W) | power at +10°C (W) |
|------|---------|--------------|-------------|--------|-----------------|--------------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-------------------|--------------------|
| 1 | 605173 | AE4430Y-FZ | 9.7 | 1/4 | 337 | 8 | CSIR | - | - | 294 | 382 | 488 | 613 | 760 | 930 |
| 1 | 605167 | AE4456Y-FZ | 11.5 | 1/2 | - | 14.51 | CSIR | - | - | 579 | 737 | 921 | 1133 | 1380 | 1664 |
| 1 | 605137 | AEZ4430Y | 10.2 | 1/4 | 330 | 8.8 | CSIR | - | - | 245 | 328 | 432 | 558 | 698 | - |
| 2 | 605159 | AE4430Y-FZ1A | 9.7 | 1/4 | - | 8 | CSIR | - | - | 294 | 382 | 488 | 613 | 760 | 930 |
| 3 | 605160 | CAJ4461Y | 20 | 1/2 | 728 | 18.3 | CSIR | - | - | 475 | 642 | 856 | 1115 | 1421 | - |
| 3 | 605172 | CAJ4492Y-F | 22 | 3/4 | 1008 | 25.95 | CSIR | - | - | 584 | 871 | 1215 | 1617 | 2078 | - |
| 4 | 605171 | CAJ4511Y-F | 23.5 | 1 | 1199 | 32.7 | CSR | - | - | 1109 | 1474 | 1895 | 2382 | 3218 | 3592 |



R404A



technical data:
frequency 50Hz

| fig. | GEV No. | coolant | type | volt. (V) | weight (kg) | P (HP) | power input (W) | cylinder capacity (cm ³) | motor system | power at -25°C (W) | power at -20°C (W) | power at -15°C (W) | power at -10°C (W) | power at -5°C (W) | power at 0°C (W) | power at +5°C (W) | power at +10°C (W) |
|------|---------|------------|----------|-----------|-------------|--------|-----------------|--------------------------------------|--------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-------------------|--------------------|
| 1 | 605183 | R404A | AE2420Z | 220-240 | 11.5 | 3/8 | | 9.35 | CSIR | 522 | 661 | 824 | 1012 | - | - | - | |
| 1 | 605158 | R404A | AE4470Z | 230 | 13.7 | 1/2 | - | 12 | CSR | - | 670 | 843 | 1035 | 1251 | 1495 | 1773 | 2088 |
| 1 | 605036 | R404A | AEZ4425Z | 220-240 | 9.8 | 1/5 | - | 4.5 | CSIR | - | - | 198 | 263 | 341 | 432 | - | - |
| 1 | 605023 | R404A | CAE4450Z | 220-240 | 12.5 | 3/8 | 647 | 9.4 | CSIR | 355 | - | 434 | 567 | - | 927 | 1270 | 1367 |
| 1 | 605027 | R404A | CAJ4517Z | 220-240 | 24 | 1.2 | 1595 | 25.95 | CSR | - | - | 1588 | 1987 | 2451 | 2971 | 3536 | 4132 |
| 1 | 605070 | R404A | CAJ9513Z | 220-240 | 23 | 1.1 | 1422 | 24.2 | CSR | - | 930 | 1269 | 1654 | 2086 | 2568 | 3096 | 3671 |
| 1 | 605187 | R404A | TAJ2464Z | 400 | 22.5 | 1.50 | 1199 | 34.4 | | 1765 | 2234 | 2780 | 3408 | - | - | | |
| 1 | 605157 | R404a/R507 | CAJ2428Z | 220-240 | 21 | 5/8 | 528 | 15.2 | CSR | 638 | 762 | - | 1261 | - | - | - | - |
| 2 | 605021 | R404A | AEZ4425Z | 220-240 | 9.8 | 1/5 | 306 | 4.5 | CSIR | - | - | 198 | 263 | 341 | 432 | 537 | 629 |
| 2 | 605025 | R404A | AEZ4430Z | 220-240 | 10.2 | 1/4 | 427 | 5.7 | CSIR | - | - | 258 | 346 | 441 | 550 | 682 | 794 |
| 3 | 605134 | R404A | CAJ2446Z | 220-240 | 23 | 1.2 | 886 | 26.1 | CSR | 1110 | 1423 | 1821 | 2290 | - | - | - | - |
| 3 | 605026 | R404A | CAJ9480Z | 220-240 | 22 | 5/8 | 955 | 15.2 | CSR | 393 | 571 | 774 | 1009 | 1284 | 1607 | 1989 | 2334 |
| 3 | 605032 | R404A | CAJ9510Z | 220-240 | 23 | 1 | 1181 | 18.3 | CSR | 527 | 732 | 970 | 1252 | 1583 | 1972 | 2437 | 2826 |

miscellaneous

R134A



technical data:
refrigerant R134a
voltage 220-240V
frequency 50Hz
motor system RSIR

| fig. | GEV No. | producer | type | weight (kg) | P (HP) | power input (W) | cylinder capacity (cm ³) | power at -25°C (W) | power at -20°C (W) | power at -15°C (W) | power at -10°C (W) | power at -5°C (W) | power at 0°C (W) | power at +5°C (W) | power at +10°C (W) |
|------|---------|----------|---------|-------------|--------|-----------------|--------------------------------------|--------------------|--------------------|--------------------|--------------------|-------------------|------------------|-------------------|--------------------|
| 1 | 605163 | HuaGuang | AQAW77X | 10.4 | 1/4 | 180 | 7.69 | - | - | - | - | - | - | - | - |
| 2 | 605140 | KONOR | GQR90AA | 10.1 | 1/4 | 220 | 9.1 | - | - | - | - | - | - | - | - |

accessories



| fig. | GEV No. | description | type |
|------|---------|---|------------|
| 1 | 381135 | start relay GENERAL ELECTRIC 3ARR3B3AV3 220V connection screw clamp | 3ARR3B3AV3 |



accessories

starting relays

klixons



1

| fig. | GEV No. | type | volt. (V) |
|------|---------|-----------|-----------|
| 1 | 380904 | 4CR-1-675 | 220 |

miscellaneous



1

| fig. | GEV No. | type | volt. (V) |
|------|---------|---------|-----------|
| 1 | 381177 | AL6S/5A | 230 |

heating elements



1

| fig. | GEV No. | P (W) | volt. (V) | CL (mm) | ID ø (mm) |
|------|---------|-------|-----------|---------|-----------|
| 1 | 696599 | 35 | 230 | 1000 | 110-180 |
| 1 | 696600 | 45 | 230 | 1000 | 150-290 |
| 1 | 696601 | 65 | 230 | 1000 | 210-330 |

overload protector (klixon)



| pos. | GEV No. | type | pos. | GEV No. | type |
|------|---------|----------|------|---------|----------|
| 1 | 390387 | | 3 | 390621 | T0224/07 |
| 2 | 390544 | T0168/22 | 4 | 390620 | T0357/07 |

miscellaneous



| fig. | GEV No. | description |
|------|---------|---|
| 1 | 403382 | terminal box for compressor capacitor μF |
| 2 | 403423 | terminal box for compressor capacitor $15\mu\text{F}$ |