

Compressors

L'Unite Hermetique Tecumseh Europe

R22 – Hermetic – For Medium / High Temperature Applications



Features

- Anti-Vibration mounts supplied
- Rotolock suction valve on CAJ/TAJ models
- All models suit capillary tube or expansion valve operation
- Oil sight glass on FH/TFH and TAG models
- Rotolock suction and discharge valves on FH/TFH and TAG models
- Charged with mineral oil and dry nitrogen
- Crankcase heater on FH/TFH and TAG models
- Fan cooling required on all models

| Cat. No. | Model | Nom. HP | Displ. cm3/rev | Motor Type | Nom. Current FLA | R22 Capacity: Watts | | | | | | | | Oil Charge cm3 | Conn. Inches | |
|----------|-----------|---------|----------------|------------|------------------|-----------------------------|------|------|------|------|-------|-------|-------|----------------|--------------|----------|
| | | | | | | Evaporating Temperature: °C | | | | | | | | | Suct. | Disch. |
| | | | | | | -25 | -20 | -15 | -10 | -5 | 0 | 7.2 | 15 | | | |
| 258650 | AEZ 4425E | 1/5 | 4.5 | CSIR | 1.75 | | | 192 | 256 | 329 | 413 | 553 | 728 | 450 | 1/4" T. | 3/16" T. |
| 258651 | AEZ 4430E | 1/4 | 5.7 | | 2.2 | | 255 | 336 | 430 | 538 | 718 | 945 | | | | |
| 258652 | AEZ 4440E | 1/3 | 7.55 | | 2.6 | | 362 | 464 | 588 | 733 | 980 | 1298 | | | | |
| 258653 | AEZ 9440T | | | CSR | 2.03 | 222 | 280 | 362 | 464 | 588 | 733 | 980 | 1298 | | | |
| 258654 | CAE 4450E | 3/8 | 9.4 | CSIR | 3.3 | | | 426 | 554 | 710 | 896 | 1212 | 1623 | 450 | 3/8" Tube | 1/4" T. |
| 258655 | CAE 9450T | | 9.5 | | 2.6 | 256 | 325 | 426 | 554 | 710 | 896 | 1212 | 1623 | | | |
| 258656 | CAE 9460T | 1/2 | 11.3 | CSR | 3.2 | 324 | 423 | 553 | 715 | 909 | 1134 | 1514 | 2000 | 887 | 1/2" V. | 5/16" T. |
| 258657 | CAJ 9480T | 5/8 | 15.2 | | 3.68 | 461 | 603 | 786 | 1011 | 1278 | 1586 | 2103 | 2761 | | | |
| 258658 | CAJ 9510T | 1 | 18.3 | | 4.8 | 545 | 728 | 956 | 1229 | 1547 | 1909 | 2510 | 3266 | | | |
| 258659 | CAJ 9513T | 1 1/8 | 24.2 | | 5.9 | 526 | 765 | 1074 | 1451 | 1896 | 2411 | 3272 | 4366 | | | |
| 258660 | CAJ 4517E | 1 1/4 | 25.95 | | 6.1 | | | 1233 | 1673 | 2171 | 2727 | 3629 | 4743 | | | |
| 258661 | TAJ 4517T | | | 3Ø | 2.5 | | | | | | | | | | | |
| 258662 | TAJ 4519T | 1 1/2 | 34.45 | 3Ø | 3.5 | | | 1780 | 2304 | 2911 | 3601 | 4738 | 6162 | 1480 | 7/8" V. | 1/2" V. |
| 258665 | FH 4524F | 2 | 43.5 | CSR | 9.55 | | | 1841 | 2456 | 3219 | 4131 | 5706 | 7759 | | | |
| 258666 | TFH 4524F | | | 3Ø | 3.9 | | | | | | | | | | | |
| 258667 | FH 4531F | 2 1/2 | 56.65 | CSR | 12.6 | | | 2620 | 3504 | 4517 | 5659 | 7528 | 9854 | | | |
| 258668 | TFH4531F | | | 4.75 | | | | | | | | | | | | |
| 258669 | TFH 4540F | 3 | 74.25 | | 6.08 | | | 3000 | 4301 | 5745 | 7330 | 9863 | 12938 | | | |
| 258670 | TAG 4546T | 4 | 90.2 | | 6.6 | 1328 | 2102 | 3103 | 4368 | 5934 | 7839 | 11253 | 15961 | 1960 | 1 7/8" V. | 5/8" V. |
| 258671 | TAG 4553T | 4 1/2 | 100.7 | 3Ø | 7.4 | 1528 | 2644 | 3875 | 5306 | 7022 | 9105 | 12927 | 18406 | | | |
| 258673 | TAG 4561T | 5 | 112.5 | | 9 | 2059 | 3119 | 4465 | 6133 | 8164 | 10593 | 14870 | 20658 | | | |
| 258676 | TAG 4568T | 6 | 124.4 | | 9.6 | 2493 | 3687 | 5157 | 6967 | 9180 | 11862 | 16676 | 23359 | | | |
| 258678 | TAG 4573T | 6 1/2 | 134.8 | | 11 | 2803 | 4094 | 5629 | 7501 | 9804 | 12632 | 17816 | 25204 | | | |

Capacity Rating Basis: 35°C Ambient, 11K Return Gas Superheat, 54.5°C Condensing, 46°C Liquid entering Expansion Valve.
Current FLA are given at nominal voltage, rated conditions and 7.2°C evaporating temperature.

Motor Types:

- CSIR: Capacitor start, Induction run
 - CSR: Capacitor start and run
 - 3Ø: 3 Phase, 50 Hz, 400 Volt
- } 1 Phase, 50 Hz, 220-240 Volt



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