



Tecumseh

Compresor

Código de tensión : FZ

AE2425Z-FZ3C

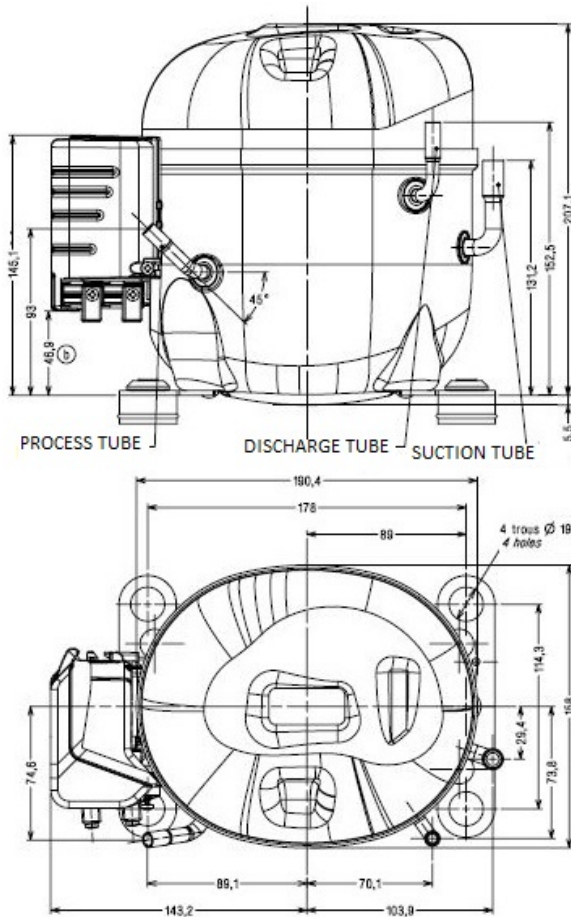
Frío Comercial Negativo (BP)

220 - 240V 1~ 50 Hz

R452A / R404A / R448A / R449A

AE2425Z-FZ3C

| Condiciones | Frecuencia | Potencia frigorífica nominal | | Potencia sonora ISO3745 / ISO 3743-1 |
|-----------------|------------|------------------------------|-------|---|
| | | Watts | BTU/h | |
| EN12900 / R452A | 50 Hz | 308 | 1051 | 54 dBA |
| EN12900 / R404A | 50 Hz | 331 | 1130 | 53 dBA |
| EN12900 / R448A | 50 Hz | 278 | 946 | 54 dBA |
| EN12900 / R449A | 50 Hz | 277 | 944 | 54 dBA |



* EN12900 : T°Cond. 40.0°C / T°Evap. -35.0°C / T°Gases Aspirados. 20.0°C
T°Subenfriamiento. 0.0K

Homologaciones :



| | |
|---------------------------------------|---------------------------------|
| Cilindrada (cc) | 12 |
| Peso neto (kg) | 11.3 |
| Cantidad de aceite (cc) | 380.0 |
| Tipo de aceite | P.O.E |
| Expansión | Capillary_Tube or Expansion_Val |
| Enfriamiento | Ventilado |
| Fase principal (Ohm) | 4.2 |
| Fase auxiliar (Ohm) | 11.7 |
| Intensidad | |
| Nominal (A) | 2.1 |
| De arranque (A) | 18.5 |
| Tipo de componentes eléctricos | CSR |
| Protector | T1435 |
| Temporización | 6.5s - 16s / 10.0 A |
| Temperatura de apertura | 140° C |
| Temperatura de cierre | 52° C |
| Condensador de arranque | 88 µF / 250 V |
| Condensador de marcha | 10 µF / 400 V |
| Relé de potencial | RVA4Q** |
| Activación | 318/347V |
| Desactivación | 60/121V |
| Diámetro exterior del tubo | |
| Ø del tubo de aspiración | 9.5 (3/8") |
| Ø del tubo de descarga | 6.35 (1/4") |
| Ø del tubo de carga | 6.35 (1/4") |

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| | |
|---------------------|---|
| AE2425Z-FZ3C | Tension FZ : 220 - 240V 1~ 50 Hz |
|---------------------|---|

| | | |
|--|------------------------|---------|
| Les performances sont données dans les conditions EN12900 : | Gaz aspirés : | 20.0 °C |
| Condition Mid | Sous refroidissement : | 0.0 K |
| The performance data are in EN12900 conditions : | Return gas : | 20.0 °C |
| Mid Condition | Subcooling : | 0.0 K |

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50 Hz R452A

N°3021

| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
|--------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| 30 | 1 P frigorifique | (Watt) | 275 | 380 | 506 | 657 | 836 | 1044 | 1286 |
| | 2 P absorbée | (W) | 261 | 302 | 347 | 391 | 432 | 468 | 495 |
| | 3 I absorbée | (A) | 1.46 | 1.63 | 1.81 | 1.98 | 2.16 | 2.32 | 2.48 |
| 40 | 1 P frigorifique | (Watt) | 216 | 308 | 419 | 550 | 704 | 884 | 1092 |
| | 2 P absorbée | (W) | 269 | 311 | 358 | 406 | 455 | 500 | 539 |
| | 3 I absorbée | (A) | 1.47 | 1.66 | 1.86 | 2.06 | 2.26 | 2.45 | 2.63 |
| 50 | 1 P frigorifique | (Watt) | | 236 | 331 | 441 | 570 | 721 | 896 |
| | 2 P absorbée | (W) | | 322 | 368 | 419 | 472 | 525 | 573 |
| | 3 I absorbée | (A) | | 1.68 | 1.90 | 2.13 | 2.35 | 2.56 | 2.76 |
| 60 | 1 P frigorifique | (Watt) | | | | 331 | 435 | 557 | 699 |
| | 2 P absorbée | (W) | | | | 433 | 488 | 545 | 601 |
| | 3 I absorbée | (A) | | | | 2.18 | 2.42 | 2.66 | 2.88 |

50 Hz R404A



N°3020

| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
|--------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| 30 | 1 P frigorifique | (Watt) | 298 | 405 | 533 | 684 | 860 | 1065 | 1299 |
| | 2 P absorbée | (W) | 274 | 313 | 355 | 397 | 439 | 479 | 514 |
| | 3 I absorbée | (A) | 1.56 | 1.71 | 1.86 | 2.03 | 2.20 | 2.39 | 2.58 |
| 40 | 1 P frigorifique | (Watt) | 236 | 331 | 443 | 574 | 726 | 902 | 1104 |
| | 2 P absorbée | (W) | 283 | 324 | 371 | 421 | 472 | 524 | 574 |
| | 3 I absorbée | (A) | 1.55 | 1.74 | 1.94 | 2.14 | 2.36 | 2.58 | 2.81 |
| 50 | 1 P frigorifique | (Watt) | | 257 | 352 | 463 | 590 | 736 | 904 |
| | 2 P absorbée | (W) | | 336 | 385 | 441 | 500 | 563 | 626 |
| | 3 I absorbée | (A) | | 1.76 | 2.00 | 2.24 | 2.50 | 2.76 | 3.03 |
| 60 | 1 P frigorifique | (Watt) | | | 260 | 349 | 450 | 567 | 701 |
| | 2 P absorbée | (W) | | | 402 | 461 | 527 | 598 | 673 |
| | 3 I absorbée | (A) | | | 2.05 | 2.33 | 2.62 | 2.92 | 3.23 |

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = evaporating temperature

Nota : Tecumseh se réserve le droit de modifier les informations contenues dans ce document sans préavis.

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| AE2425Z-FZ3C | Tension FZ : 220 - 240V 1~ 50 Hz |
|---------------------|---|

| | | |
|--|------------------------|---------|
| Les performances sont données dans les conditions EN12900 : | Gaz aspirés : | 20.0 °C |
| Condition Mid | Sous refroidissement : | 0.0 K |
| The performance data are in EN12900 conditions : | Return gas : | 20.0 °C |
| Mid Condition | Subcooling : | 0.0 K |

| 50 Hz R448A (*) | | | | | | | | |
|------------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|
| N°3019 | | | | | | | | |
| 4 T condensation | 5 T évaporation | (°C) | -35 | -30 | -25 | -20 | -15 | -10 |
| 30 | 1 P frigorifique | (Watt) | 343 | 470 | 624 | 806 | 1020 | 1269 |
| | 2 P absorbée | (W) | 288 | 329 | 371 | 413 | 454 | 491 |
| | 3 I absorbée | (A) | 1.54 | 1.71 | 1.88 | 2.06 | 2.25 | 2.46 |
| 40 | 1 P frigorifique | (Watt) | 278 | 389 | 523 | 682 | 870 | 1088 |
| | 2 P absorbée | (W) | 298 | 344 | 393 | 444 | 495 | 545 |
| | 3 I absorbée | (A) | 1.58 | 1.78 | 1.99 | 2.20 | 2.42 | 2.65 |
| 50 | 1 P frigorifique | (Watt) | 216 | 313 | 428 | 565 | 726 | 914 |
| | 2 P absorbée | (W) | 306 | 356 | 411 | 470 | 531 | 592 |
| | 3 I absorbée | (A) | 1.59 | 1.83 | 2.08 | 2.33 | 2.59 | 2.85 |
| 60 | 1 P frigorifique | (Watt) | | | 342 | 457 | 593 | 752 |
| | 2 P absorbée | (W) | | | 428 | 493 | 563 | 635 |
| | 3 I absorbée | (A) | | | 2.15 | 2.44 | 2.73 | 3.03 |

| 50 Hz R449A (*) | | | | | | | | |
|------------------------|--------------------|--------|------------|------------|------------|------------|------------|------------|
| N°3022 | | | | | | | | |
| 4 T condensation | 5 T évaporation | (°C) | -35 | -30 | -25 | -20 | -15 | -10 |
| 30 | 1 P frigorifique | (Watt) | 342 | 469 | 622 | 805 | 1019 | 1268 |
| | 2 P absorbée | (W) | 287 | 329 | 371 | 413 | 453 | 491 |
| | 3 I absorbée | (A) | 1.54 | 1.70 | 1.88 | 2.06 | 2.25 | 2.45 |
| 40 | 1 P frigorifique | (Watt) | 277 | 388 | 522 | 681 | 868 | 1086 |
| | 2 P absorbée | (W) | 297 | 344 | 393 | 443 | 494 | 544 |
| | 3 I absorbée | (A) | 1.58 | 1.78 | 1.98 | 2.20 | 2.42 | 2.65 |
| 50 | 1 P frigorifique | (Watt) | 215 | 312 | 427 | 563 | 724 | 913 |
| | 2 P absorbée | (W) | 305 | 356 | 411 | 470 | 530 | 592 |
| | 3 I absorbée | (A) | 1.59 | 1.83 | 2.08 | 2.33 | 2.58 | 2.85 |
| 60 | 1 P frigorifique | (Watt) | | | 341 | 456 | 591 | 751 |
| | 2 P absorbée | (W) | | | 427 | 493 | 562 | 634 |
| | 3 I absorbée | (A) | | | 2.15 | 2.44 | 2.73 | 3.03 |

1 = cooling capacity 2 = power input 3 = current 4 = condensing temperature 5 = evaporating temperature

(*) Veuillez vous référer strictement aux Recommandations d'Utilisation et Bulletins Marketing Tecumseh du fait de la température de reflux élevée pour les applications LBP.
 (*) Due to very high discharge temperature especially on LBP conditions, please strictly refer to Tecumseh Guidelines & Marketing Bulletin when using this refrigerant.

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