

Tecumseh Europe - Headquarter

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400V 3~ 50Hz / 440V 3~ 60 Hz

Selection program - V5.1

Operating conditions : Customized...

Application : High Temp. Commercial
Refrigerant : R448A
Frequency : 50 Hz

Return gas temp. : -
Superheat : 8.00 K
Subcooling : 4.60 K
Liquid : -

Check that disch. Temperature is lower than the values provided into the guidelines

| Evap °C | Cond. °C | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
|------------|--------------|-------|-------|-------|-------|-------|-------|-------|
| -25 | Pf (Watt) | 4220 | 3649 | | | | | |
| | Pa (W) | 2419 | 2414 | | | | | |
| | I (A) | 4,43 | 4,41 | | | | | |
| | COP (Watt/W) | 1,74 | 1,51 | | | | | |
| -20 | Pf (Watt) | 5849 | 5208 | 4563 | | | | |
| | Pa (W) | 2776 | 2823 | 2840 | | | | |
| | I (A) | 4,91 | 4,95 | 4,96 | | | | |
| | COP (Watt/W) | 2,11 | 1,84 | 1,61 | | | | |
| -15 | Pf (Watt) | 7824 | 7085 | 6341 | 5597 | 4859 | | |
| | Pa (W) | 3122 | 3208 | 3280 | 3326 | 3335 | | |
| | I (A) | 5,4 | 5,49 | 5,57 | 5,62 | 5,64 | | |
| | COP (Watt/W) | 2,51 | 2,21 | 1,93 | 1,68 | 1,46 | | |
| -10 | Pf (Watt) | 10207 | 9343 | 8473 | 7601 | 6734 | 5878 | 5040 |
| | Pa (W) | 3471 | 3585 | 3700 | 3805 | 3889 | 3940 | 3947 |
| | I (A) | 5,89 | 6,04 | 6,18 | 6,3 | 6,39 | 6,45 | 6,47 |
| | COP (Watt/W) | 2,94 | 2,61 | 2,29 | 2 | 1,73 | 1,49 | 1,28 |
| -5 | Pf (Watt) | 13069 | 12052 | 11027 | 10000 | 8976 | 7963 | 6966 |
| | Pa (W) | 3841 | 3969 | 4115 | 4267 | 4414 | 4544 | 4646 |
| | I (A) | 6,39 | 6,6 | 6,8 | 6,98 | 7,15 | 7,28 | 7,38 |
| | COP (Watt/W) | 3,4 | 3,04 | 2,68 | 2,34 | 2,03 | 1,75 | 1,5 |
| 0 | Pf (Watt) | 16480 | 15283 | 14077 | 12867 | 11660 | 10462 | 9281 |
| | Pa (W) | 4247 | 4378 | 4542 | 4728 | 4925 | 5122 | 5306 |
| | I (A) | 6,88 | 7,15 | 7,41 | 7,67 | 7,9 | 8,11 | 8,3 |
| | COP (Watt/W) | 3,88 | 3,49 | 3,1 | 2,72 | 2,37 | 2,04 | 1,75 |
| 5 | Pf (Watt) | 20515 | 19112 | 17699 | 16281 | 14864 | 13456 | 12066 |
| | Pa (W) | 4706 | 4827 | 4997 | 5205 | 5440 | 5690 | 5945 |
| | I (A) | 7,37 | 7,7 | 8,03 | 8,35 | 8,66 | 8,95 | 9,21 |
| | COP (Watt/W) | 4,36 | 3,96 | 3,54 | 3,13 | 2,73 | 2,36 | 2,03 |
| 10 | Pf (Watt) | 25251 | 23618 | 21974 | 20324 | 18674 | 17034 | 15412 |
| | Pa (W) | 5233 | 5332 | 5495 | 5713 | 5973 | 6265 | 6577 |
| | I (A) | 7,84 | 8,23 | 8,63 | 9,02 | 9,4 | 9,77 | 10,1 |
| | COP (Watt/W) | 4,82 | 4,43 | 4 | 3,56 | 3,13 | 2,72 | 2,34 |
| 15 | Pf (Watt) | 30768 | 28885 | 26989 | 25087 | 23186 | 21294 | 19424 |
| | Pa (W) | 5846 | 5909 | 6054 | 6269 | 6542 | 6863 | 7220 |
| | I (A) | 8,31 | 8,76 | 9,22 | 9,68 | 10,1 | 10,6 | 11 |
| | COP (Watt/W) | 5,26 | 4,89 | 4,46 | 4 | 3,54 | 3,1 | 2,69 |

Nota : Les caractéristiques données dans ce tableau peuvent évoluer sans avis préalable, avec les améliorations que "Tecumseh Europe" entend toujours apporter à sa production.

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