



Compressor
Voltage Code : TZ

TRK5450Y

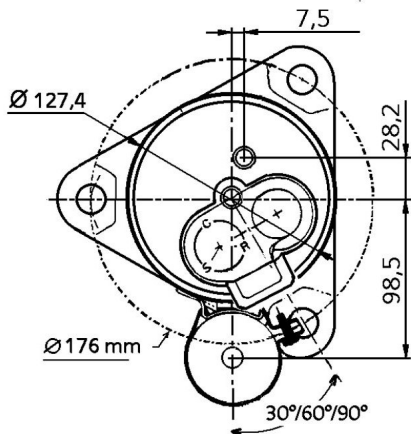
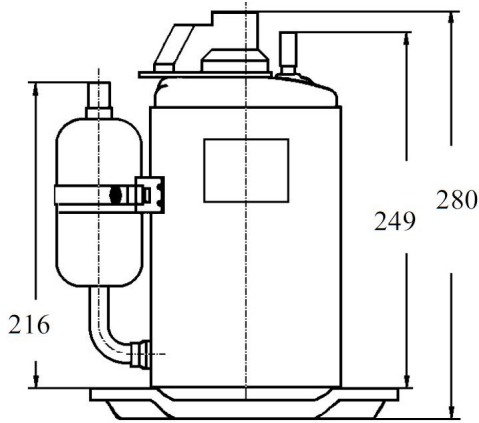
Air Conditioning & Heating (CA)

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

R134a

RKA5450YTZ

| Conditions | Frequency | Nominal Cooling Capacity | | Sound Power ISO3745 / ISO 3743-1 |
|-----------------|---------------|--------------------------|-------------|-------------------------------------|
| | | Watts | BTU/h | |
| EN12900 / R134a | 50 Hz / 60 Hz | 1150 / 1354 | 3922 / 4618 | 62 dBA |



| | |
|-------------------------------------|--------------------------------|
| Displacement (cc) | 11,4 |
| Net Weight (Kg) | 11.2 |
| Oil Quantity (cc) | 414.0 |
| Oil Type | Polyvinylether |
| Expansion Device | Capillary_Tube/Expansion_Valve |
| Cooling | Fan |
| Main Winding (Ohm) | 19.9 |
| Current | |
| RLA (A) | 1.5 1.3 |
| MCC (A) | 2.1 1.6 |
| LRA (A) | 12 12 |
| Electrical Equipment | |
| Thermostat | MSP61AMJ |
| Open Temp | 90° C |
| Close Temp | 57° C |
| Refrigerating connection for | |
| Suction Tube | 12.7 (1/2") |
| Discharge Tube | 7.9 (5/16") |

* EN12900 : T°Cond. 50.0°C / T°Evap. 5.0°C / T°Superheat. 10.0°C
T°Subcooling. 0.0K

Certificates :



Note : Tecumseh reserves the right to change information contained in this document without notification.



Tecumseh

| | |
|-----------------|--|
| TRK5450Y | Tension TZ : 400V 3~ 50Hz / 440V 3~ 60 Hz |
|-----------------|--|

Les performances sont données dans les **conditions EN12900** :
 Condition Dew

The performance data are in **EN12900 conditions** :
 Dew Condition

Surchauffe : 10.0 K
 Sous refroidissement : 0.0 K
 Superheat : 10.0 K
 Subcooling : 0.0 K

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50 Hz R134a

N°313CL-T

| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
|--------------------|--------------------|--------|-----|-----|-----|------|------|------|------|------|------|
| 40 | 1 P frigorifique | (Watt) | | | | 765 | 920 | 1117 | 1358 | 1643 | 1970 |
| | 2 P absorbée | (W) | | | | 396 | 404 | 412 | 418 | 424 | 428 |
| | 3 I absorbée | (A) | | | | 1.43 | 1.43 | 1.42 | 1.41 | 1.41 | 1.41 |
| 50 | 1 P frigorifique | (Watt) | | | | | 759 | 936 | 1150 | 1401 | 1689 |
| | 2 P absorbée | (W) | | | | | 423 | 440 | 456 | 472 | 488 |
| | 3 I absorbée | (A) | | | | | 1.46 | 1.48 | 1.49 | 1.51 | 1.54 |
| 60 | 1 P frigorifique | (Watt) | | | | | | 733 | 915 | 1129 | 1373 |
| | 2 P absorbée | (W) | | | | | | 467 | 493 | 520 | 547 |
| | 3 I absorbée | (A) | | | | | | 1.53 | 1.57 | 1.62 | 1.67 |

60 Hz R134a

N°313CL-T

| 4 T condensation | 5 T évaporation | (°C) | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | 15 |
|--------------------|--------------------|--------|-----|-----|-----|------|------|------|------|------|------|
| 40 | 1 P frigorifique | (Watt) | | | | 916 | 1096 | 1323 | 1599 | 1923 | 2295 |
| | 2 P absorbée | (W) | | | | 433 | 440 | 447 | 454 | 461 | 467 |
| | 3 I absorbée | (A) | | | | 1.17 | 1.17 | 1.16 | 1.16 | 1.17 | 1.17 |
| 50 | 1 P frigorifique | (Watt) | | | | | 905 | 1109 | 1354 | 1641 | 1968 |
| | 2 P absorbée | (W) | | | | | 461 | 478 | 495 | 513 | 532 |
| | 3 I absorbée | (A) | | | | | 1.20 | 1.21 | 1.23 | 1.25 | 1.28 |
| 60 | 1 P frigorifique | (Watt) | | | | | | 869 | 1079 | 1322 | 1599 |
| | 2 P absorbée | (W) | | | | | | 507 | 535 | 565 | 595 |
| | 3 I absorbée | (A) | | | | | | 1.26 | 1.29 | 1.34 | 1.39 |

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

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