



Compressor
Voltage Code : XC

FH2480P-XC

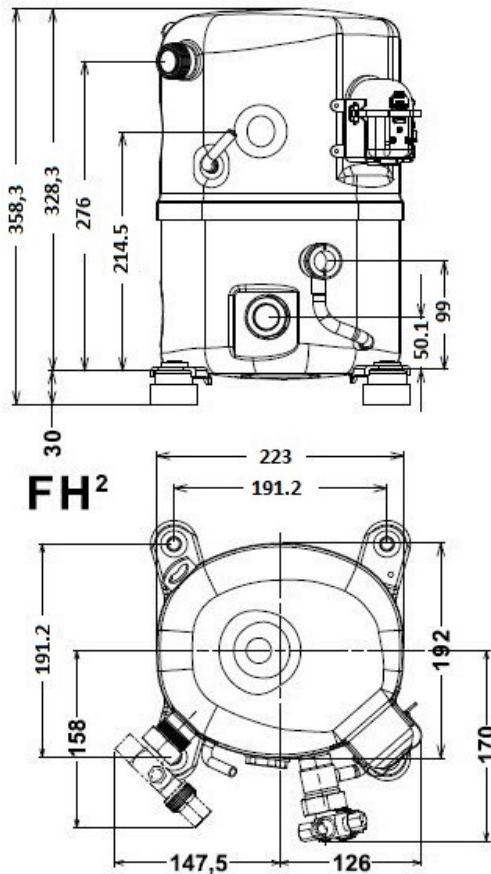
Low Temp. Commercial (BP)

220 - 240V 1~ 50 Hz

R455A / R454C

FH2480P-XC3A

| Conditions | Frequency | Nominal Cooling Capacity | | Sound Power ISO3745 / ISO 3743-1 |
|-----------------|-----------|--------------------------|-------|-------------------------------------|
| | | Watts | BTU/h | |
| EN12900 / R455A | 50 Hz | 910 | 3104 | 72 dBA |
| EN12900 / R454C | 50 Hz | 797 | 2718 | 72 dBA |



| | |
|-------------------------------------|--------------------------------|
| Displacement (cc) | 54,3 |
| Net Weight (Kg) | 29.0 |
| Oil Quantity (cc) | 1140.0 |
| Oil Type | Polyolester |
| Expansion Device | Capillary_Tube/Expansion_Valve |
| Cooling | Fan |
| Main Winding (Ohm) | 1.03 |
| Start Winding (Ohm) | 2.1 |
| Current | |
| RLA (A) | 4,2 |
| MCC (A) | 16,2 |
| LRA (A) | 58 |
| Electrical Equipment | CSR |
| Overload | Interne |
| Start Capacitor | 161 µF / 330 V |
| Run Capacitor | 45 µF / 400 V |
| Potential Relay | RVA4AL** |
| Pick Up | 223/252V |
| Drop Out | 60/121V |
| Refrigerating connection for | |
| Suction Tube | 15.9 (5/8") |
| Discharge Tube | 12.7 (1/2") |
| Process Tube | 6.35 (1/4") |

* EN12900 : T°Cond. 40.0°C / T°Evap. -35.0°C / T°Return gas temp.. 20.0°C
T°Subcooling. 0.0K

Certificates :



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



Tecumseh

| | |
|-------------------|---|
| FH2480P-XC | Tension XC : 220 - 240V 1~ 50 Hz |
|-------------------|---|

Les performances sont données dans les **conditions EN12900** :
 Condition Dew
 The performance data are in **EN12900 conditions** :
 Dew Condition

Gaz aspirés : 20.0 °C
 Sous refroidissement : 0.0 K
 Return gas : 20.0 °C
 Subcooling : 0.0 K

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50 Hz R455A

N°3479

| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
|--------------------|-------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| 30 | 1 P frigorigère | (Watt) | 811 | 1259 | 1805 | 2464 | 3249 | 4175 | 5256 |
| | 2 P absorbée | (W) | 721 | 875 | 1018 | 1159 | 1303 | 1456 | 1625 |
| | 3 I absorbée | (A) | 3.44 | 4.08 | 4.72 | 5.35 | 5.98 | 6.60 | 7.22 |
| 40 | 1 P frigorigère | (Watt) | 500 | 910 | 1403 | 1994 | 2696 | 3523 | 4490 |
| | 2 P absorbée | (W) | 647 | 846 | 1032 | 1213 | 1393 | 1581 | 1781 |
| | 3 I absorbée | (A) | 3.09 | 3.94 | 4.79 | 5.63 | 6.47 | 7.30 | 8.12 |
| 50 | 1 P frigorigère | (Watt) | | 559 | 998 | 1518 | 2134 | 2861 | 3713 |
| | 2 P absorbée | (W) | | 748 | 985 | 1214 | 1439 | 1669 | 1908 |
| | 3 I absorbée | (A) | | 3.52 | 4.58 | 5.63 | 6.67 | 7.71 | 8.75 |
| 60 | 1 P frigorigère | (Watt) | | | 597 | 1045 | 1574 | 2199 | 2934 |
| | 2 P absorbée | (W) | | | 864 | 1149 | 1428 | 1709 | 1996 |
| | 3 I absorbée | (A) | | | 4.08 | 5.34 | 6.59 | 7.84 | 9.09 |

50 Hz R454C

N°3480

| 4 T condensation | 5 T évaporation | (°C) | -40 | -35 | -30 | -25 | -20 | -15 | -10 |
|--------------------|-------------------|--------|------------|------------|------------|------------|------------|------------|------------|
| 30 | 1 P frigorigère | (Watt) | 700 | 1113 | 1622 | 2239 | 2979 | 3857 | 4887 |
| | 2 P absorbée | (W) | 654 | 797 | 933 | 1067 | 1203 | 1344 | 1496 |
| | 3 I absorbée | (A) | 3.12 | 3.72 | 4.32 | 4.92 | 5.52 | 6.09 | 6.65 |
| 40 | 1 P frigorigère | (Watt) | 414 | 797 | 1262 | 1822 | 2492 | 3286 | 4218 |
| | 2 P absorbée | (W) | 578 | 759 | 935 | 1109 | 1285 | 1470 | 1665 |
| | 3 I absorbée | (A) | 2.76 | 3.54 | 4.34 | 5.15 | 5.97 | 6.78 | 7.60 |
| 50 | 1 P frigorigère | (Watt) | | 465 | 879 | 1375 | 1967 | 2670 | 3497 |
| | 2 P absorbée | (W) | | 658 | 874 | 1091 | 1311 | 1540 | 1781 |
| | 3 I absorbée | (A) | | 3.10 | 4.06 | 5.06 | 6.08 | 7.12 | 8.16 |
| 60 | 1 P frigorigère | (Watt) | | | 491 | 915 | 1422 | 2026 | 2741 |
| | 2 P absorbée | (W) | | | 749 | 1010 | 1276 | 1551 | 1840 |
| | 3 I absorbée | (A) | | | 3.54 | 4.69 | 5.89 | 7.12 | 8.38 |

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

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