



# Tecumseh

## Fechar

# Technical Specification

Model <b>TYA9448EKS</b>	BM <b>TY200KS</b>	Nominal Voltage (V)		Refrigerant <b>R22</b>	Cooling Fan
		60 Hz -----	50 Hz <b>220-240</b>		

### BASIC DATA

**Motor Type : CSIR**  
**Operating Voltage Range (V) : 50 Hz:** 198 - 264  
**Starting Torque Class :** High Start Torque (HST)  
**Commercial Designation :** 3/4 HP  
**Displacement :** 16 cc/rev  
**Application :** Commercial Back Pressure (CBP-ROK)  
**Evaporating Temperature Range :** -9.4°C to +7.2°C (15°F to +45°F)  
**Expansion Device :** Capillary Tube or Expansion Valve  
**Oil Type :** Synthetic **Viscosity :** 32 cSt@40°C  
**Oil Charge :** 492 ml **Additive :** 12.00 ml  
**Net Weight :** 17.8 Kg  
**Approval :** IRAM

### EXPECTED PERFORMANCE

TEST CONDITION :	ASHRAE	ASHRAE
Test Voltage : 220V/50Hz*		220V/50Hz**
Cooling Capacity (± 5%) (BTU/h) : 3300		6800
(kcal/h) : 832		1714
(W) : 967		1993
Rated Watts (± 5%) (W) : 770		985
Rated Current (± 5%) (A) : 5.2		5.85
Efficiency (-9.04%/+10.5%) (BTU/Wh) : 4.29		6.90
(kcal/Wh) : 1.08		1.74
(W/W) : 1.26		2.02

LRA Max. (A) : 25.5

Winding Resistance at 25°C (± 7%) (Ω) : Main: 2.83 Start: 28.78

### ELECTRICAL COMPONENTS

**TPCo Process Code : -----**  
**Starting Relay : Sensata** or **COMPELA**  
 Code : 9660H-XXXX-168 RPC56XX  
 Connection Type : Fast-on:--- Screw:3022 Fast-on:--- Screw:61  
 Pick-up : 11.60 A 11.55 A  
 Drop-out : 9.70 A 9.80 A  
**Overload Protector : Sensata** or **UBUKATA**  
 Code : ----- TB30  
 Connection Type : Fast-on:--- Screw:--- Fast-on:--- Screw:---  
 Disc Opening Temperature (± 5°C) : --- °C 170 °C  
 Disc Closing Temperature (± 9°C) : --- °C 90 °C  
 Time Check Current : --- A 26 A  
 Time Check at 25°C : --- s 3,0 -10 s  
 Trip Current : --- A at --- °C 13,0 A at 120 °C  
**Connection Box :** 14945822  
**Start Capacitor :** 53-64MFD 330VAC  
**Note :** Ubukata Internal Overload. \*CBP (-6.7°C) \*\*CBP (7,2°C)

All information contained in this leaflet is subjected to change without previous notice.

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