



Tecumseh

Fechar

Technical Specification

Model TYA9472ZKS	BM TY402KS	Nominal Voltage (V)		Refrigerant R404A	Cooling Fan
		60 Hz -----	50 Hz 220-240		

BASIC DATA

Motor Type : CSR Operating Voltage Range (V) : 50 Hz: 198 - 264 Starting Torque Class : High Start Torque (HST) Commercial Designation : 1' 1/3 HP Displacement : 22.3 cc/rev Application : Commercial Back Pressure (CBP) Evaporating Temperature Range : -17.8°C to +11.9°C (0°F to +53.5°F) Expansion Device : Capillary Tube or Expansion Valve Oil Type : Polyol Ester Oil Charge : 506 ml Net Weight : 17.2 Kg Approval : IRAM		Viscosity : 32 cSt@40°C Additive : 19.30 ml
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EXPECTED PERFORMANCE

TEST CONDITION :	ASHRAE	ASHRAE
Test Voltage : 220V/50Hz*		220V/50Hz**
Cooling Capacity (± 5%) (BTU/h) : 6000		10900
(kcal/h) : 1512		2747
(W) : 1759		3195
Rated Watts (± 5%) (W) : 1122		1440
Rated Current (± 5%) (A) : 6.2		7.57
Efficiency (-9.04%/+10.5%) (BTU/Wh) : 5.35		7.57
(kcal/Wh) : 1.35		1.91
(W/W) : 1.57		2.22

LRA Max. (A) : 33

Winding Resistance at 25°C (± 7%) (Ω) : Main: 2.41 Start: 19

ELECTRICAL COMPONENTS

TPCo Process Code : -----		
Potential Relay : Electrica Code : RVA6P3C Pick-up : 295 - 324 V Drop-out : 60 - 135 V	or	G.E. 3ARR3A4AD3 295 - 324 V 60 - 135 V
Overload Protector : Sensata Code : ----- Connection Type : Fast-on:--- Screw:--- Disc Opening Temperature (± 5°C) : --- °C Disc Closing Temperature (± 9°C) : --- °C Time Check Current : --- A Time Check at 25°C : --- s Trip Current : --- A at --- °C	or	UBUKATA TB3N Fast-on:--- Screw:--- 165 °C 90 °C 35 A 3,0 - 10 s 15,8 A at 120 °C
Connection Box : 14945839 Run Capacitor : 10MFD 450VAC Start Capacitor : 64-77MFD 330VAC		Cap. Optional : -----
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.

Last Revision: Jul. 27, 2010 Page 1

