

Model	BM	Nominal Voltage (V)		Refrigerant	Cooling Fan																																																																														
		60 Hz	50 Hz																																																																																
TCW390Y-FZ1K	TCW390Y-FZ1K	-----	220-240	R-134a or R-513A																																																																															
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<p>Operating Voltage Range(V) : 60 Hz: 50 Hz: 198 - 253 Application : Medium and High Back Pressure (L/M/HBP) Evaporating Temperature Range : -35°C to + 5°C (-31°F to +41°F) Motor Type : RSIR Starting Torque Class : Low Start Torque (LST) Expansion Device : Capillary Tube Commercial Designation : 1/4 HP Main Oil Type : Polyol Ester Viscosity : 10 cSt@40°C Substitute Oil Type : --- Viscosity : 0 cSt@40°C Oil Charge : 220 ml Displacement : 7,84 cc/rev Net Weight : 7.8 Kg Approval : IRAM</p>																																																																																			
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Model	BM	Nominal Voltage (V)		Refrigerant	Cooling Static
		60 Hz	50 Hz		
TCW390Y-FZ1K	TCW390Y-FZ1K	-----	220-240	R-134a or R-513A	

Basic Data

Operating Voltage Range(V) : 60 Hz: 198 - 253 50 Hz: 198 - 253
Application : Medium and High Back Pressure (L/M/HBP)
Evaporating Temperature Range : -35°C to + 5°C (-31°F to +41°F)
Motor Type : RSIR
Starting Torque Class : Low Start Torque (LST)
Expansion Device : Capillary Tube
Commercial Designation : 1/4 HP
Main Oil Type : Polyol Ester **Viscosity :** 10 cSt@40°C
Substitute Oil Type : --- **Viscosity :** 0 cSt@40°C
Oil Charge : 220 ml
Displacement : 7,84 cc/rev
Net Weight : 7.8 Kg
Approval : IRAM

Expected Performance

Test Condition :	ASHRAE
Test Voltage :	220V/50Hz
Cooling Capacity (+/-5%) (BTU/h) :	720
(Kcal/h) :	181
(W) :	211
Rated Watts(+/-5%)(W) :	156,5
Rated Current(+/-5%)(A) :	1,09
Efficiency-EER(-9.04%/+10.5%)(BTU/Wh) :	4.60
(Kcal/Wh) :	1.16
(W/W) :	1.35

LRA (Max.) (A) :17,5

Winding Resistance at 25°C (+/-7%)(ohm):Main: 11,716 Start: 16,425

Electrical Components

Starting Relay : ---	or	Ty
Code : -----		QL2-5.55 C3
Connection Type : Fast-on: --- Screw: ---		Fast-on: --- Screw: ---
Pick-up : ----- A		5,55 A
Drop-out : ----- A		4,5 A
Resistance : ohms		--- ohms
Potential Relay : ELECTRICA	or	G.E.
Code : -----		-----
Pick-up : --- V		--- V
Drop-out : --- V		--- V
Starting Relay - PTC : Sensata	or	COMPELA
Code : -----		-----
PTC-Resistance : --- Ohms		--- Ohms
Power Consumption of PTC : --- W		--- W
Overload Protector : ---	or	Sensata
Code : -----		4TM757MDBYY-XX
Connection Type : Fast-on: --- Screw: ---		Fast-on: 53 Screw: ---
Disc Opening Temperature (+/-5°C) : --- °C		115 °C
Disc Closing Temperature (+/-9°C) : --- °C		52 °C
Time Check Current : --- A		11 A
Time Check at 25°C : --- s		5.0 - 15 s
Trip Current : --- A at --- °C		2,38 A at 90 °C
Combo Module :		
Capacitor : Start: -----	Run: -----	TPCo Process
Connection Box : -----	-----	-----
Note :		

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

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