

**TECHNICAL SPECIFICATION****Model : AE 1320YK-3****BOM ID : 309****Low Torque Start**

Electrical: 100 Volt		50/60 Hz	1 Phase
Nominal Performance:			
Cooling Capacity	57.00/69.00 Watts		
	194.48/235.43 BTU/Hr		
	49.01/59.33 Kcal/Hr		
Power Input	77.00/81.00 Watts		
Lock Rotor Amps	16.20/14.50 Amps		
Rated Load Amps	1.77/1.51 Amps		
COP	0.74/0.85 Watts / Watts		
Testing Conditions:			
Condensing Temperature	54.4 C		
Evaporating Temperature	-23.3 C		
Liquid Temperature	32.2 C		
Return Gas Temperature	32.2 C		
Ambient Temperature	32.2 C		
Application:			
Evaporating Range	LBP	@-34.4 C to-12.2 C	
	Heat Pump - C to- C		
Refrigerant	R134a		
Expansion	Capillary Tube		
Compressor	Natural Convection		
Compressor and Motor data:			
Compression Type	Reciprocating		
Displacement	3.70 cc.		
Oil Type	Polyolester Oil		
Oil Charge	296 cc.		
Motor Type	R.S.I.R.; 2 Pole 2880 3500 r/m		
Voltage Range	90 - 110 cc.		
Winding Resistance at 25 C			
Start	9.30 Ohms		
Run	3.17 Ohms		
Weight with Oil	8.58 Kg.		
Weight with Oil and Accessories	8.73 Kg.		
Electrical Components:			
Motor Protector			
Type	External 3/4"		
Model	KME 660-6/C		
Open / Close	100-110/70-52 C		
1st Cycle trip at 25 C	7.4 Amps(start) - Amps(start)		
Motor Starter			
Type	Current Relay		
Model Number	KME 681-40		
Pick Up (max.)	6.4		
Drop Out (min.)	5.6		
Terminal Cover	KMD 901-5		
Start Capacitor	No F No VAC		
Run Capacitor	No F No VAC		
Disch. Resistor	No		
Mounting Kit			
Rubber Gromment:	KMD 905-3	Earth Plug:	-
Sleeve Gromment:	KMD 903-2	Earth Screw:	-
Washer:	KEB 387	Washer Lock:	-

Certificate Marks:**RoHS**