Technical Data Sheet

12/6/2010

Model:AEA4440YXA

Product Description

Type: Reciprocating
Application: HBP - High Back Pressure
Refrigerant: R134a
Voltage/Frequency: 115V ~ 60HZ 100V ~ 50HZ

Product Specifications

Performance

		Refrigeration Capacity			Input Power	Efficiency			EVAP TEMP	COND TEMP	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
Condition	Test Voltage	Btu/h	kcal/h	W	W	Btu/Wh	kcal/Wh	W/W					
ARI	115V ~ 60HZ	3960	998	1160	620	6.39	1.61	1.87	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	18.3°C (65°F)	46°C (115°F)

General

Evaporating Temp. Range: -6.7°C to 12.8°C (20°F to 55°F)
Motor Torque: High Start Torque (HST)
Compressor Cooling: Fan

Mechanical

Weight: 10.812
Weight Unit of Measure: N/A
Displacement (cc): 12.045
Oil Type: Polyolester
Viscosity (cSt): 32
Oil Charge (cc): 303
Sound Power dB(A): N/A

Electrical

Voltage Range (50 Hz): 90-110
Voltage Range (60 Hz): 103-127
Locked Rotor Amps (LRA): 32.7
Rated Load Amps (RLA 50 Hz): N/A
Rated Load Amps (RLA 60 Hz): 7.2
Max. Continuous Current (MCC in Amps): 8.9
Motor Resitance (Ohm) - Main: 1.27
Motor Resitance (Ohm) - Start: 10.91
Motor Type: CSIR
Overload Type: N/A
Relay Type: Current Relay

Agency Approval

CCC Listed, CSA Listed, UL Recognized

Performance Data Sheet

AEA4440YXA

General Information

Model	AEA4440YXA	**Refrigerant**	R134a
Test Condition	ARI	**Performance Test Voltage**	115V ~ 60HZ
Return Gas	18.3°C (65°F)	**Motor Type**	CSIR

Performance Information

Evap Temp		Condensing Temperature				
		30	40	50	60	70
-6.7	Watts (Capacity)	835	727	592	481	448
	Watts (Power)	380	428	441	467	556
	Amps	5.56	5.85	5.96	6.01	6.11
0.5	Watts (Capacity)	1150	1010	844	686	598
	Watts (Power)	427	488	512	549	648
	Amps	5.83	6.20	6.40	6.55	6.77
0	Watts (Capacity)	1120	991	824	671	586
	Watts (Power)	424	483	507	543	641
	Amps	5.81	6.17	6.36	6.51	6.71
5	Watts (Capacity)	1400	1240	1040	841	703
	Watts (Power)	460	528	559	603	707
	Amps	6.08	6.50	6.77	6.99	7.28
7.2	Watts (Capacity)	1540	1370	1140	923	759
	Watts (Power)	478	549	584	630	737
	Amps	6.19	6.65	6.95	7.21	7.54
10	Watts (Capacity)	1730	1530	1280	1030	832
	Watts (Power)	501	577	615	666	776
	Amps	6.33	6.83	7.17	7.47	7.85
15	Watts (Capacity)	2100	1860	1550	1240	967
	Watts (Power)	546	630	675	732	849
	Amps	6.50	7.08	7.50	7.89	8.36