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AEA4430YXA Compressor Data Sheet

General Information

Compressor Model	AEA4430YXA	Oil Charge (cc)	303
Bill Of Material	AE540AT-238-J7	Oil Type	POE
Application	High	Heat Pump (Evap range)	N/A
Evaporating Range	+20F to +55F	Displacement	0.54
Rating Conditions	ARI	BTUH	3000
Rating Point	+45F	Horse Power	1/4
Refrigerant	R-134A	Discharge Line Size	0.25
Weight (lbs)	26	Suction Line Size	VALVE

Electrical Information

Voltage (60 Hz)	115-60-1	Voltage Range (60 Hz)	103.5 - 126.5
Voltage (50 Hz)	100-50-1	Voltage Range (50 Hz)	90 - 110
Watts at Rating Point	490	RLA	5.3
LRA	29	Motor Type	CSIRHT
Start Capacitor Mfd/Volt	243-292/110	Motor Torque	High
Run Capacitor Mfd/Volt	N/R	Minimum Circuit Ampacity	N/A
Maximum Continuous Current	7.5	Energy Efficiency Rating	6.12

Component Information

Relay Box	NONE	Integral Relay Box	NONE
Capacitor Cabinet Assembly	NONE	Start Capacitor	85635-2
Production Run Capacitor	NONE	ESP Run Capacitor	N/A
Primary Relay	8200EMBE49	Primary Vendor Number	501-94175
Secondary Relay	82420	Secondary Vendor Number	501-94175
ESP Relay	P82928	Fan Over Load	8300MRPD19
Vendor Over Load	MRP26AGK-34	ESP Over Load	P83532
Terminal Cover	70773	Cover Gasket	NONE
Bale Strap	70640	Over Load Spring	26050
PRV	NONE	LP Kit	LP3
Grommet	70456-1 OR 70711	Roto Lock Gasket	NONE
Sleeve	70457 OR 70459	Roto Lock Valve	NONE

Drawing Information (click on the drawing number to open the drawing)

Housing Diagram	DCAE238	Wiring Diagram	90537-2

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