

AEA4430YXA Compressor Data Sheet

Drawing Information

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General Information

Compressor Model	AEA4430YXA	Oil Charge (cc)	N/A
Bill Of Material	AE540AR-277-B4	Oil Type	N/A
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
Frequency	60	Suction Line Size	0.3125

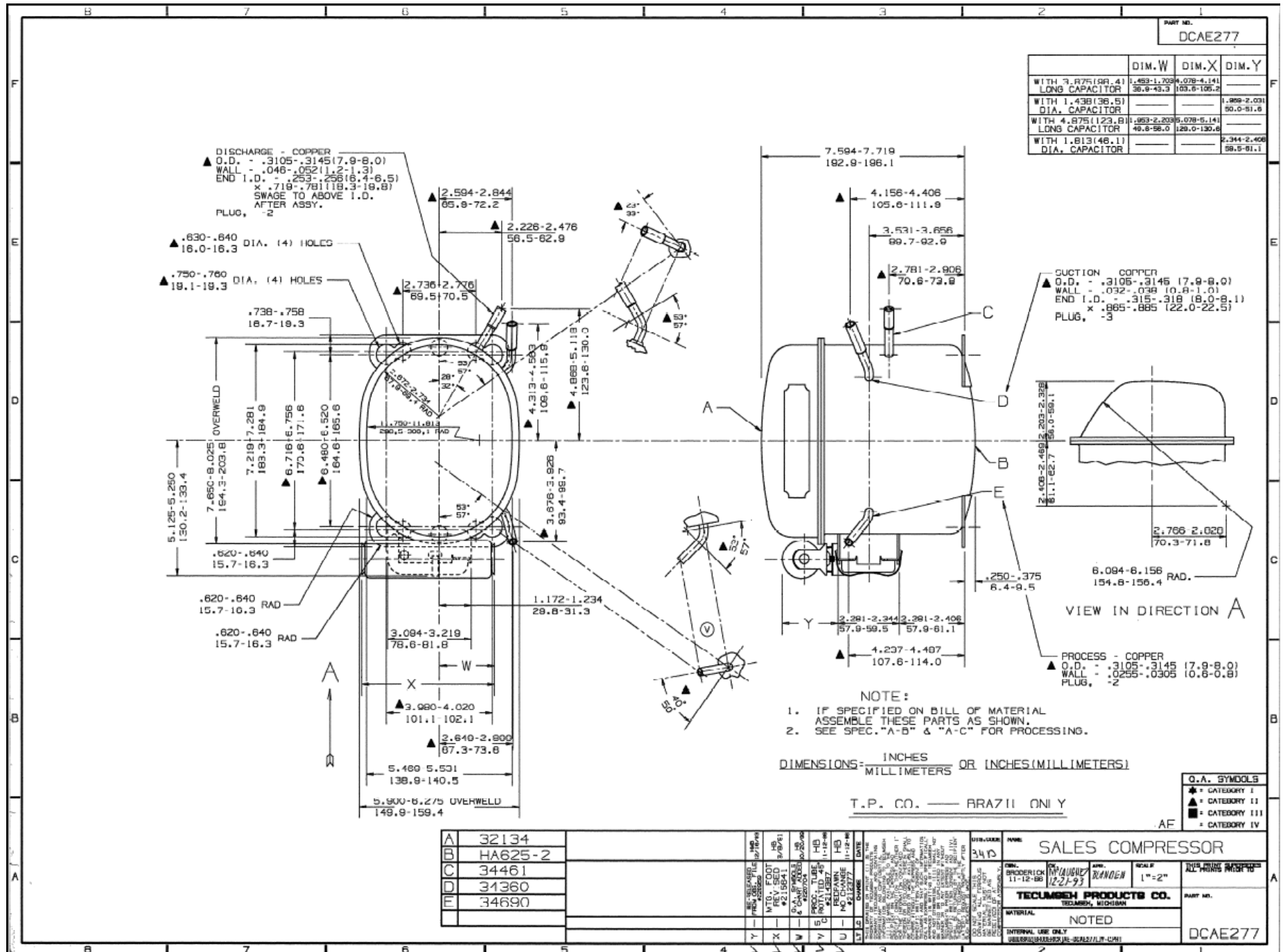
Electrical Information

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
Rating Voltage	115-60-1	RLA	5.3
LRA	29	Motor Type	CSIRHT
Start Capacitor Mfd/Volt	243-292/110	Run Capacitor Mfd/Volt	N/R
Power	490	Phase	1
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	855S110C61
Production Run Capacitor	NONE	Crankcase Heater	NONE
Primary Relay	8200EMBJ30	Primary Vendor Number	501-96175
Secondary Relay	NONE	Secondary Vendor Number	501-96175
Vendor Over Load	MRP26AGK-69	Fan Over Load	8300MRPG93
Terminal Cover	70998	Cover Gasket	NONE
Bale Strap	70640	Over Load Spring	26050
PRV	NONE	LP Kit	N/A
Grommet	70456-1 OR 70711	Roto Lock Gasket	NONE
Sleeve	70457 OR 70459	Roto Lock Valve	NONE

Housing Diagram



Wiring Diagram

PART NO. DEAE-2

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