Project Name:	
Customer Name:	
Item Number:	
Refrigerant:	
Job Location:	
Date:	

AEW415Y-FZ8A

Product Family :
AE

Application :
LBP, MBP

Voltage :
220-240V 1PH 50Hz

Refrigerant :
R-134a

Product Technology :
Reciprocating

Series Reciprocating Compressor

PRODUCT SPECIFICATION

Agency Approval

Agency: IRAM

General

Horse Power: 1/3 HP

Motor Torque: Low Start Torque (LST)

Evaporating Range: -35°C to -5°C (-31°F to 23°F)

Mechanical

Displacement (CC): 12.48

Compressor Cooling: Fan

Oil Charge: 366.3 cc

Oil Type: Polyolester

Viscosity: 32

Electrical

LRA: 13

Motor Type: CSIR

Motor Resistance - Main: 7.282

Motor Resistance Start: 11.391

RLA 50HZ: 2.42

Voltage Frequency: 50Hz

Voltage Range 50Hz: 198to253

PERFORMANCE

Performance Data shown here is calculated and is for reference purposes. For actual performance data at specific rated conditions please click on the Performance Calculator button below the table. The performance calculator is only available for Fixed Speed Compressors and Condensing Units. If you do not see performance data here, please contact Customer Service for assistance.

REFRIGERANT: R134A FREQUENCY: 50HZ

Operating conditions	Application	Capacity (W)	Capacity (Btu/h)	Capacity (Kcal/h)
ARI 520-90 -10°F, 120°F -23°C, 48°C	L-MBP	-999	-3406	-859
ARI 540-97 -25°F, 105°F -31°C, 40°C	L-MBP	-999	-3406	-859
ASHRAE -10°F, 130°F -23°C, 54°C	L-MBP	-999	-3406	-859
CECOMAF -13°F, 131°F -25°C, 55°C	L-MBP	-999	-3406	-859
EN12900 -31°F, 104°F -35°C, 40°C	L-MBP	-999	-3406	-859

Looking for the complete set of Performance Data for this product? Please see our Performance Calculator.

ITEMS SPECIFICATIONS

	AE1965BR (AE-8540-BR)
Documentation	
Drawing_EN	
Drawing_PT	
Specification	
Status	Active
Overload Type	External
Relay Type	Current Relay
Packaging	SINGLE
Length	277 MM(11IN)
Height	218 MM(9IN)
Width	169 MM(7IN)
Weight	11KG(24LB)
Discharge Line Size	1/4_IN
Suction Line Size	5/16_IN_FLARE
Global Model	AEW415Y-FZ8A
Grommet	Y
Overload	Y
Start Capacitor	Y
Terminal Cover	Y
Run Capacitor	Y