

PRODUCT SPECIFICATION**MODEL - KCM515LAL-EXXX****A) MODEL DESCRIPTION**

Model Name	KCM515LAL-EXXX
Compressor Type	Reciprocating ,Connecting Rod Type
Application Group	Low temperature (LBP)
Evaporating Temperature Range	-35 °C to -6.7 °C
Refrigerant	R-404A
Rated Voltage	400V, 3 Phase, 50Hz
Compressor Cooling	FAN - 350 CFM
Typical Application	Cold Room Application , Deep Freezer

B) PERFORMANCE SPECIFICATION @ RATED CONDITION

Specification	Unit	LBP
Cooling Capacity	Btu / h	12500
	kcal / h	3150
	W	3663
	Nominal HP	3.75
Input Power	W	2460
Input Current	A	5.1
EER = $\frac{\text{Cooling Capacity}}{\text{Input Power}}$	Btu / W-h	5.1
	kcal / W-h	1.28
	W / W	1.49

Note - Above performance parameters are nominal values & subject to $\pm 5\%$ variation

C) RATING CONDITIONS

Parameter	Unit	LBP
Evaporating Temperature	°C (°F)	-23.3 (-10)
Condensing Temperature	°C (°F)	54.4 (130)
Ambient Temperature	°C (°F)	32 (90)
Sub cooled Liquid Temp.	°C (°F)	32 (90)
Return Gas Temperature	°C (°F)	32 (90)
Test voltage	volt	400

				2	Current EN No.	
Prepared by	Checked by	Verified by	Approved by	Page No.	Last EN No.	REV. NO. DATE