



EMERSON™

UNIT & SYSTEM
Product Specification

CONDENSING UNIT
Model – KHZ511LRL-E5XXXX

Status – Provisional

Design Engineering & Solution Testing Center, Karad - India
Emerson Climate Technologies (India) Private Limited

			ECN No	F46-1120-0129
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Prepared By	Checked By	Approved By	Doc No–	KHZ511LRL-E5XXXX

MODEL DESCRIPTION

Model Name	KHZ511LRL-E5XXXX		
Compressor Model	ZSI11KQE-TFM-527		
Application Group	LOW TEMPERATURE		
Refrigerant	R404A		
Rated Voltage	380~420V 50Hz 3Ph		
Cooling	FAN : 2698 Cu. ft./min.		
Size in mm	Width (Along Condenser)	Length (Perpendicular to Condenser)	Height (Without Bottom Frame)
	440	1043	805
Return Gas Temp.	40 °F		
Subcooling	5 °F		

COOLING CAPACITY (BTU/HR)

Ambient Temperature		Evaporating Temperature							
(°C)		-35	-30	-25	-20	-15	-10	-5	0
	(°F)	-31	-22	-13	-4	5	14	23	32
27	81	6,169	9,237	12,305	14,029	16,697	19,365	22,033	24,701
32	90	5,556	8,319	11,082	12,994	15,428	17,862	20,296	22,730
38	100	4,986	7,300	9,614	11,844	14,018	16,192	18,366	---
43	109	5,301	6,777	8,253	10,809	12,749	14,689	16,629	---
46	115	5,511	6,428	7,345	10,119	11,903	13,687	---	---

POWER INPUT INCLUDING FAN MOTOR (KW)

Ambient Temperature		Evaporating Temperature							
(°C)		-35	-30	-25	-20	-15	-10	-5	0
	(°F)	-31	-22	-13	-4	5	14	23	32
27	81	1.86	1.89	1.93	1.96	2.00	2.03	2.07	2.10
32	90	2.02	2.06	2.09	2.12	2.16	2.19	2.23	2.27
38	100	2.15	2.21	2.27	2.33	2.39	2.45	2.50	---
43	109	2.32	2.38	2.43	2.52	2.52	2.54	2.75	---
46	115	2.44	2.49	2.54	2.64	2.74	2.83	---	---

- Notes:
1. The Performance values given above are subject to $\pm 5\%$ variation.
 2. In constant effort to improve our products, We reserve the right to change any information contained in this leaflet without prior notice.