



EMERSON™

UNIT & SYSTEM
Product Specification

CONDENSING UNIT
Model – KHZ508LRL-E5XXX

Status – PRELIMINARY

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

			ECN No	F46-0321-0043
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Prepared By	Checked By	Approved By	Doc No–	KHZ508LRL-E5XXXX

MODEL DESCRIPTION

Model Name	KHZ508LRL-E5XXX		
Compressor Model	ZSI08KQE-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	5,738	7,172	8,606	10,246	12,090	14,071	16,188	18,305
32	90	5,225	6,523	7,821	9,289	10,963	12,773	14,685	16,598
38	100	4,576	5,703	6,830	8,162	9,631	11,270	12,944	14,617
43	109	4,064	5,089	6,113	6,421	8,606	10,075	11,509	12,944
46	115	3,757	4,720	5,683	6,147	7,992	9,358	10,655	11,953

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	1.61	1.74	1.87	1.97	2.07	2.17	2.28	2.39
32	90	1.77	1.90	2.03	2.14	2.23	2.33	2.45	2.57
38	100	2.03	2.15	2.27	2.37	2.47	2.57	2.69	2.81
43	109	2.29	2.41	2.53	2.56	2.72	2.82	2.89	2.96
46	115	2.45	2.57	2.69	2.67	2.87	2.97	3.01	3.05

- 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.