



**EMERSON™**

**UNIT & SYSTEM**  
**Product Specification**

**CONDENSING UNIT**  
**Model – KHZ514LRL-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–	KHZ514LRL-E5XXXX

**MODEL DESCRIPTION**

<b>Model Name</b>	<b>KHZ514LRL-E5XXXX</b>		
Compressor Model	ZSI14KQE-TFM-527		
Application Group	LOW TEMPERATURE		
Refrigerant	R404A		
Rated Voltage	380~420V 50Hz 3Ph		
Cooling	FAN: 2698 ft3/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
<b>27</b>	<b>81</b>	9,871	12,739	15,607	18,886	22,472	26,399	30,600	34801
<b>32</b>	<b>90</b>	9,084	11,748	14,412	17,383	20,662	24,214	28,039	31864
<b>38</b>	<b>100</b>	8,231	10,553	12,875	15,505	18,374	21,516	24,828	28140
<b>43</b>	<b>109</b>	7,444	9,528	11,612	13,934	16,461	19,193	22,096	24,999
<b>46</b>	<b>115</b>	6,831	8,948	---	---	15,300	17,793	---	---

**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
<b>27</b>	<b>81</b>	2.37	2.58	2.79	3.00	3.21	3.41	3.60	3.79
<b>32</b>	<b>90</b>	2.63	2.84	3.05	3.26	3.47	3.67	3.87	4.07
<b>38</b>	<b>100</b>	2.99	3.20	3.41	3.62	3.83	4.04	4.26	4.54
<b>43</b>	<b>109</b>	3.20	3.50	3.80	4.01	4.22	4.44	4.66	4.88
<b>46</b>	<b>115</b>	3.33	3.68	---	---	4.51	4.73	---	---

- 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.