



**EMERSON™**

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

**CONDENSING UNIT**  
**Model – KHZ521LRL-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–	KHZ521LRL-E5XXXX

**MODEL DESCRIPTION**

<b>Model Name</b>	<b>KHZ521LRL-E5XXXX</b>		
Compressor Model	ZSI21KQE-TFM-537		
Application Group	LOW TEMPERATURE		
Refrigerant	R404A		
Rated Voltage	380~420V 50Hz 3Ph		
Cooling	FAN: 5079 ft3/min.		
Size in mm	Width (Along Condenser)	Length (Perpendicular to Condenser)	Height (Without Bottom Frame)
	440	1043	1140
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>	16,359	20,969	25,580	31,010	37,225	44,158	51,842	59,527
<b>32</b>	<b>90</b>	15,402	19,671	23,940	28,961	34,698	41,085	48,120	55,155
<b>38</b>	<b>100</b>	14,036	17,930	21,823	26,365	31,488	37,225	43,475	49,725
<b>43</b>	<b>109</b>	12,875	16,427	19,979	24,077	28,688	33,844	39,445	45,046
<b>46</b>	<b>115</b>	12,124	15,471	18,818	22,643	26,980	31,761	36,952	42,143

**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>	4.60	4.83	5.06	5.30	5.56	5.83	6.11	6.39
<b>32</b>	<b>90</b>	4.96	5.18	5.40	5.64	5.89	6.16	6.44	6.72
<b>38</b>	<b>100</b>	5.41	5.63	5.85	6.08	6.33	6.59	6.86	7.13
<b>43</b>	<b>109</b>	5.89	6.09	6.29	6.52	6.76	7.02	7.29	7.56
<b>46</b>	<b>115</b>	6.21	6.41	6.61	6.83	7.07	7.32	7.59	7.86

- 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.