



**EMERSON™**

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

**CONDENSING UNIT**  
**Model – KHZ518LRL-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–	KHZ518LRL-E5XXXX

**MODEL DESCRIPTION**

<b>Model Name</b>	<b>KHZ518LRL-E5XXXX</b>		
Compressor Model	ZSI18KQE-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>	13,811	18,682	24,211	28,365	31,964	35,829	40,782	47,642
<b>32</b>	<b>90</b>	12,384	17,403	20,780	24,956	28,755	32,999	38,509	46,104
<b>38</b>	<b>100</b>	11,529	15,983	20,437	23,893	27,170	31,090	36,474	44,142
<b>43</b>	<b>109</b>	10,759	14,705	19,611	21,748	23,885	26,844	31,444	38,506
<b>46</b>	<b>115</b>	8,646	13,853	19,060	20,318	21,695	25,934	30,338	37,528

**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>	3.81	4.13	4.45	4.76	5.08	5.39	5.71	6.02
<b>32</b>	<b>90</b>	4.08	4.40	4.72	5.04	5.35	5.67	6.10	6.30
<b>38</b>	<b>100</b>	4.66	4.95	5.24	5.53	5.80	6.11	6.40	6.69
<b>43</b>	<b>109</b>	4.72	5.10	5.48	5.87	6.25	6.64	7.02	7.41
<b>46</b>	<b>115</b>	4.76	5.20	5.64	6.10	6.55	6.99	7.43	7.89

- 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.