






EMERSON™

UNIT & SYSTEM
Product Specification

CONDENSING UNIT
Model – KHZ506LRL-E5XXX

Status – PRELIMINARY

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

			ECN No	F46-0321-0043
Dipika Mane	Dattatray More	Amit Kulkarni	Rev No/ Date	A1 / 22.03.2021
Prepared By	Checked By	Approved By	Doc No–	KHZ506LRL-E5XXXX

MODEL DESCRIPTION

Model Name	KHZ506LRL-E5XXX		
Compressor Model	ZSI06KQE-TFM-527		
Application Group	LOW TEMPERATURE		
Refrigerant	R404A		
Rated Voltage	380~420V 50Hz 3Ph		
Cooling	FAN: 2698 Cu. ft./min.		
Size in mm	Width <small>(Along Condenser)</small>	Length <small>(Perpendicular to Condenser)</small>	Height <small>(Without Bottom Frame)</small>
	440	1043	805
Return Gas Temp.	40 °F		
Subcooling	5 °F		

COOLING CAPACITY (BTU/HR)

Ambient Temperature		Evaporating Temperature							
		-35	-30	-25	-20	-15	-10	-5	0
(°C)	(°F)	-31	-22	-13	-4	5	14	23	32
27	81	4,815	6,147	7,479	9,153	11,133	13,422	15,983	18,203
32	90	4,440	5,703	6,967	8,504	10,314	12,431	14,617	16,461
38	100	3,927	5,089	6,250	7,650	9,289	11,133	12,807	14,480
43	109	3,415	4,508	5,601	6,318	8,367	10,041	11,441	12,568
46	115	3,142	4,167	5,191	5,942	7,821	9,358	10,587	10,929

POWER INPUT INCLUDING FAN MOTOR (KW)

Ambient Temperature		Evaporating Temperature							
		-35	-30	-25	-20	-15	-10	-5	0
(°C)	(°F)	-31	-22	-13	-4	5	14	23	32
27	81	1.38	1.49	1.60	1.69	1.76	1.81	1.84	1.87
32	90	1.53	1.63	1.73	1.81	1.87	1.91	1.94	1.97
38	100	1.68	1.77	1.86	1.93	1.99	2.03	2.06	2.09
43	109	1.82	1.90	1.98	2.06	2.12	2.17	2.20	2.23
46	115	1.91	2.00	2.09	2.16	2.23	2.28	2.32	2.36

- 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.