

2. Specifications

2.1 Specification Sheet

Model			SOH16BO-E32DA4B2
Product Code			CB4790048001
Power Supply	Rated Voltage	V~	220-240
	Rated Frequency	Hz	50
	Phases		1
Power Supply Mode			Outdoor
Cooling Capacity		W	4600
Heating Capacity		W	5200
Cooling Power Input		W	1355
Heating Power Input		W	1340
Cooling Current Input		A	5.9
Heating Current Input		A	5.8
Rated Input		W	1900
Rated Cooling Current		A	8
Rated Heating Current		A	9
Air Flow Volume		m ³ /h	850/800/700/600
Dehumidifying Volume		L/h	1.80
EER		W/W	3.39
COP		W/W	3.88
SEER		--	6.4
SCOP (Warmer/Average/Colder)		--	5.1/4/-
Application Area		m ²	21-31
Indoor Unit	Model		SOH16BO-E32DA4B2/I
	Product Code		CB479N04800
	Fan Type		Cross-flow
	Fan Diameter Length(DXL)	mm	Φ106×706
	Cooling Speed	r/min	1230/1170/1020/800
	Heating Speed	r/min	1350/1270/1130/900
	Fan Motor Power Output	W	35
	Fan Motor RLA	A	0.45
	Fan Motor Capacitor	μF	2.5
	Evaporator Form		Aluminum Fin-copper Tube
	Evaporator Pipe Diameter	mm	Φ7
	Evaporator Row-fin Gap	mm	2-1.4
	Evaporator Coil Length (LXDXW)	mm	715X25.4X304.8
	Swing Motor Model		MP35CP
	Swing Motor Power Output	W	2.5
	Fuse Current	A	3.15
	Sound Pressure Level	dB (A)	Cooling:44/42/38/31 Heating:48/46/41/34
	Sound Power Level	dB (A)	Cooling:54/52/48/41 Heating:58/56/51/34
	Dimension (WXHXD)	mm	970X300X225
	Dimension of Carton Box (LXWXH)	mm	1017X366X285
Dimension of Package (LXWXH)	mm	1020X369X295	
Net Weight	kg	13.5	
Gross Weight	kg	16	

Outdoor Unit	Outdoor Unit Model		SOH16BO-E32DA4B2/O	
	Outdoor Unit Product Code		CB513W01600	
	Compressor Manufacturer		ZHUHAI LANDA COMPRESSOR CO.,LTD	
	Compressor Model		FTz-AN108ACBD	
	Compressor Oil		FW68DA or equivalent	
	Compressor Type		Rotary	
	Compressor LRA.	A		19
	Compressor RLA	A		4.4
	Compressor Power Input	W		952
	Compressor Overload Protector			/
	Throttling Method			Capillary
	Set Temperature Range	°C		16~30
	Cooling Operation Ambient Temperature Range	°C		-15~43
	Heating Operation Ambient Temperature Range	°C		-15~24
	Condenser Form			Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm		Φ7
	Condenser Rows-fin Gap	mm		1-1.4
	Condenser Coil Length (LXDXW)	mm		700×38.1×528
	Fan Motor Speed	rpm		900
	Output of Fan Motor	W		30
	Fan Motor RLA	A		0.40
	Fan Motor Capacitor	μF		/
	Heater Power Input	W		/
	Outdoor Unit Air Flow Volume	m ³ /h		1950
	Fan Type			Axial-flow
	Fan Diameter	mm		Φ400
	Defrosting Method			Automatic Defrosting
	Climate Type			T1
	Isolation			I
	Moisture Protection			IPX4
	Permissible Excessive Operating Pressure for the Discharge Side	MPa		4.3
	Permissible Excessive Operating Pressure for the Suction Side	MPa		2.5
Sound Pressure Level (H/M/L)	dB (A)		55/-/-	
Sound Power Level (H/M/L)	dB (A)		63/-/-	
Dimension(WXHXD)	mm		732X555X330	
Dimension of Carton Box (LXWXH)	mm		791X373X590	
Dimension of Package(LXWXH)	mm		794X376X615	
Net Weight	kg		26.5	
Gross Weight	kg		29	
Refrigerant			R32	
Refrigerant Charge	kg		0.75	
Connection Pipe	Connection Pipe Length	m	5	
	Connection Pipe Gas Additional Charge	g/m	16	
	Outer Diameter Liquid Pipe	inch	1/4	
	Outer Diameter Gas Pipe	inch	3/8	
	Max Distance Height	m	10	
	Max Distance Length	m	25	
	Note: The connection pipe applies metric diameter.			