SPLIT TYPE

Airy R32

Model: KW24XQ29SD

Model			KW24XQ29SD
Indoor Unit Model			KW24XQ29SDI
Power Supply	Rated Voltage	V~	208/230
	Rated Frequency	Hz	60
	Phases		3
Power Supply Mode		--	Outdoor
Cooling Capacity		Btu/h	22000
Heating Capacity		Btu/h	24000
Cooling Power Input		W	1573
Heating Power Input		W	1803
Cooling Current Input		A	7.2
Heating Current Input		A	8.5
Rated Input		W	4800
Rated Cooling Current		A	14
Rated Heating Current		A	21.5
Air Flow Volume		CFM	383/441/559/765
Dehumidifying Volume		Pint/h	7.4
EER		(Btu/h)/W	13.98
COP		(Btu/h)/W	13.31
SEER		--	27
HSPF		--	10
Application Area		yd^2	27-42
Indoor Unit	Model		KW24XQ29SDI
	Product Code		CB601N03900
	Fan Type		Cross-flow
	Fan Diameter Length(DXL)	mm	Φ108×830
	Cooling Speed	r/min	1450/1150/1100/1000/950/900/850
	Heating Speed	r/min	1450/1200/1100/1050/1000/950/850
	Fan Motor Power Output	W	90
	Fan Motor RLA	A	1
	Fan Motor Capacitor		/
	Evaporator Form	--	Aluminum Fin-copper Tube
	Evaporator Pipe Diameter	mm	Φ7
	Evaporator Row-fin Gap	mm	2-1.2
	Evaporator Coil Length (LXDXW)	mm	845×25.4×381
	Swing Motor Model	--	MP24HF/MP24AQ/MP35CV
	Swing Motor Power Output	W	1.5/1.5/2.5
	Fuse Current	A	3.15
	Sound Pressure Level	dB (A)	Cooling:53/45/44/41/39/38/36 Heating:65/57/56/53/51/50/48
	Sound Power Level	dB (A)	Cooling:65/57/56/53/51/50/48 Heating:65/57/56/53/51/50/48
	Dimension (WXHXD)	inch	43 45/64×13 21/32×10 1/8
	Dimension of Carton Box (LXWXH)	inch	45 43/64×16 3/16×13 17/64
	Dimension of Package (LXWXH)	inch	45 55/64×16 1/2×13 21/32
	Net Weight	lb	39.7
	Gross Weight	lb	46.3

Job Name:

Schedule Reference: Date:

Specification are subject to change without notice.

SPLIT TYPE

Airy R32

KW24XQ29SDO

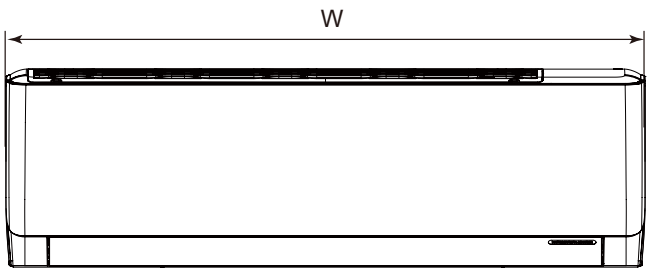
Outdoor Unit Model			KW24XQ29SDO
Outdoor Unit	Compressor Manufacturer	--	ZHUHAI LANDA COMPRESSOR CO. LTD.
	Compressor Model	--	QXFS-B221zX070S
	Compressor Oil	--	FW68DA or equivalent
	Compressor Type	--	Rotary
	Compressor LRA.	A	38
	Compressor RLA	A	18.0
	Compressor Power Input	W	1775
	Compressor Overload Protector	--	/
	Throttling Method	--	Electron expansion valve
	Set Temperature Range	℉	61~86
	Cooling Operation Ambient Temperature Range	℉	-20~122
	Heating Operation Ambient Temperature Range	℉	-22~86
	Condenser Form	--	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	Φ7
	Condenser Rows-fin Gap	mm	2-1.4
	Condenser Coil Length (LXDXW)	mm	955×38.1×704
	Fan Motor Speed	rpm	800
	Fan Motor Power Output	W	90
	Fan Motor RLA	A	1.7
	Fan Motor Capacitor	μF	/
	Outdoor Unit Air Flow Volume	m^3/h	4500
	Fan Type	--	Axial-flow
	Fan Diameter	mm	Φ570
	Defrosting Method	--	Automatic Defrosting
	Climate Type	--	T1
	Isolation	--	1
	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	dB (A)	62
	Sound Power Level	dB (A)	72
	Dimension(WXHXD)	inch	39 3/8×29 3/8×16 13/16
	Dimension of Carton Box (LXWXH)	inch	42 13/32×18 57/64×30 29/32
	Dimension of Package(LXWXH)	inch	42 33/64×19 1/64×31 57/64
	Net Weight	lb	115.8
	Gross Weight	lb	126.8
	Refrigerant	--	R32
	Refrigerant Charge	oz	56.4
Connection Pipe	Connection Pipe Length	ft	24.6
	Connection Pipe Gas Additional Charge	oz/ft.	0.4
	Outer Diameter Liquid Pipe		1/4"
	Outer Diameter Gas Pipe		5/8"
	Max Distance Height	ft	82
	Max Distance Length	ft	131.2
	Note: The connection pipe applies metric diameter.		

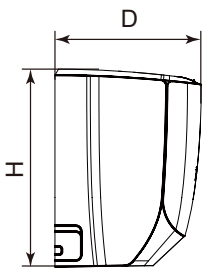
Job Name:

Schedule Reference: Date:

Specification are subject to change without notice.

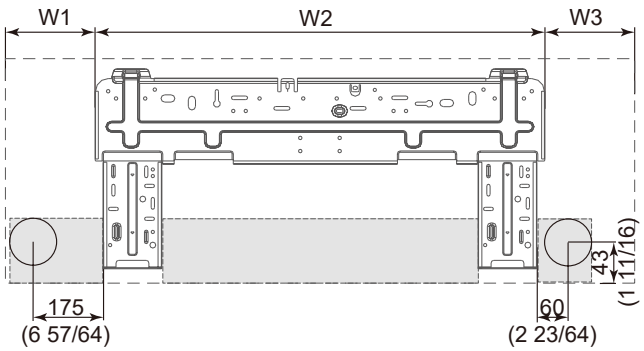
Indoor Unit





Unit:mm(inch)

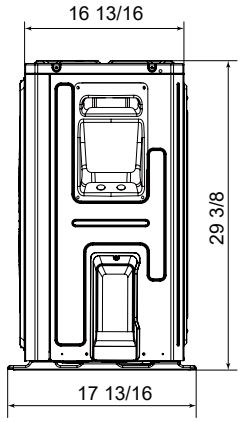
AGE

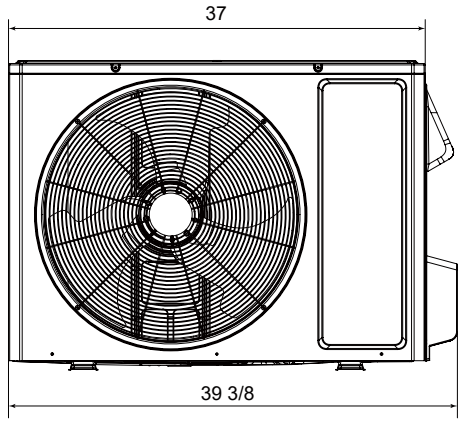


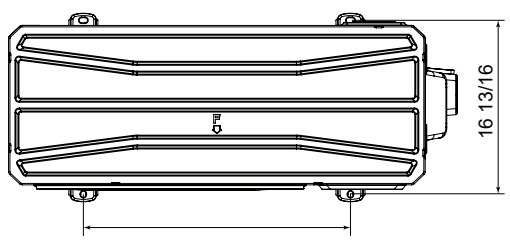
Unit:inch

Model	W	H	D	W1	W2	W3
AVE	43 45/64	13 21/32	10 1/8	7 7/32	27 55/64	7 1/4

Outdoor Unit







Unit:inch

Job Name:

Schedule Reference: Date:

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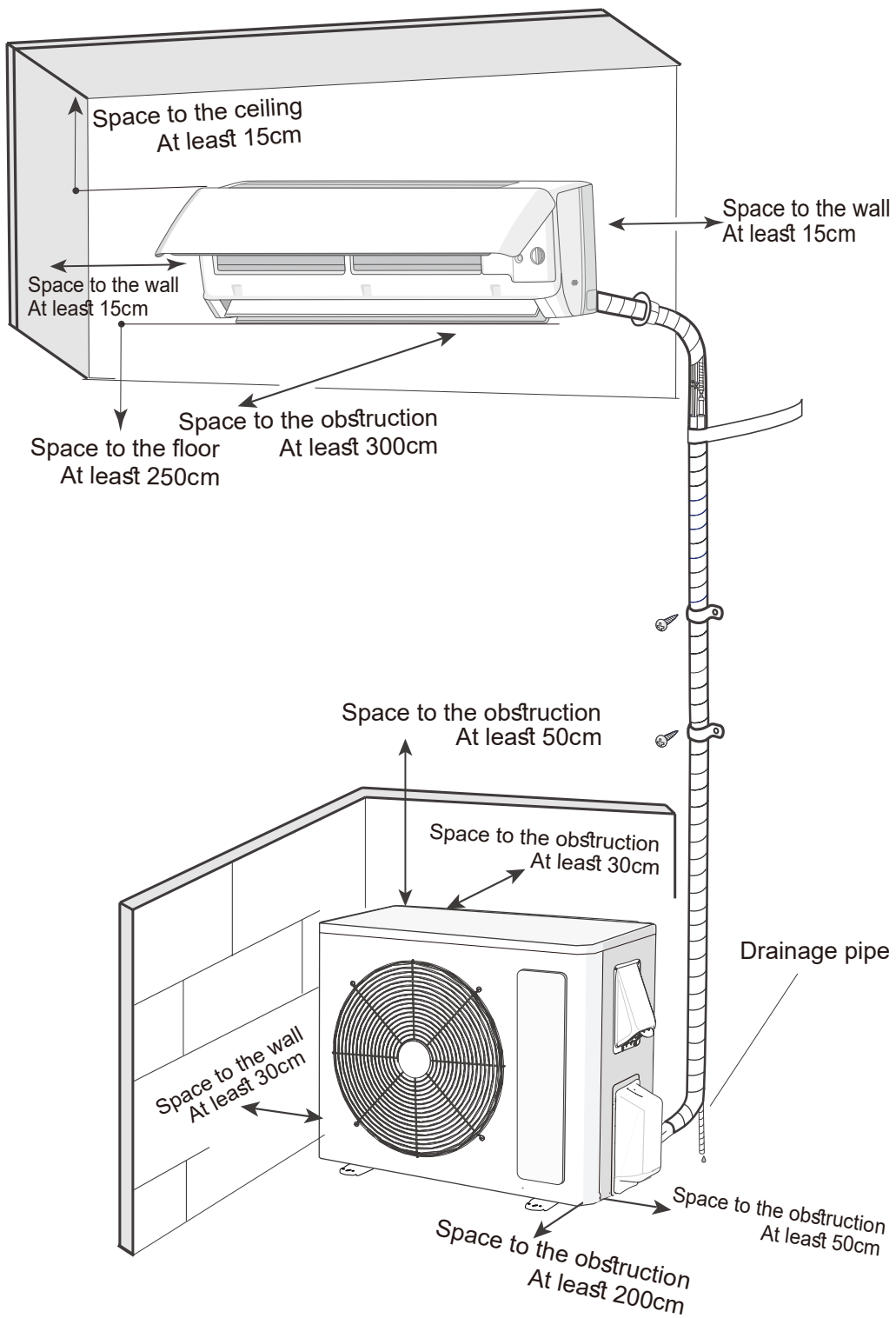
Installation Dimension Diagram



Job Name:	
Schedule Reference:	Date:

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