

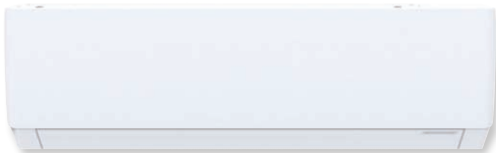


TQSDT

SPLIT TYPE

SUBMITTAL

Model: TWH18AG25A2D



Model		TWH18AG25A2D	
Power Supply	Rated Voltage	V~	208/230
	Rated Frequency	Hz	60
	Phases	-	1
Power Supply Mode		-	Outdoor
Cooling Capacity		Btu/h	18000
Heating Capacity		Btu/h	18000
Cooling Power Input		W	1384
Heating Power Input		W	1384
Cooling Power Current		A	6.3
Heating Power Current		A	6.3
Rated Input		W	2350
Rated Cooling Current		A	11.5
Rated Heating Current		A	11.5
Air Flow Volume		CFM	589/500/441/412/383/353/324
Dehumidifying Volume		Pint/h	3.8
EER		(Btu/h)/W	13
COP		(Btu/h)/W	13
SEER		-	23
HSPF		-	/
Application Area		yd ²	28-41
Model of indoor unit		TWH18AG25A2DI	
Indoor Unit	Fan Type	-	Cross-flow
	Fan Diameter Length(D × L)	mm	Φ106 × 739
	Cooling Speed	r/min	1400/1200/1120/1050/980/860/750
	Heating Speed	r/min	1400/1200/1120/1050/950/850/750
	Fan Motor Power Output	W	45
	Fan Motor RLA	A	0.35
	Fan Motor Capacitor	μ F	/
	Evaporator Form	-	Aluminum Fin-copper Tube
	Evaporator Pipe Diameter	mm	Φ7
	Evaporator Row-fin Gap	mm	2-1.4
	Evaporator Coil Length (L × D × W)	mm	745 × 25.4 × 342.9
	Swing Motor Model	-	MP24HF/MP24AK/MP24BA
	Swing Motor Power Output	W	1.5/1.5/1.5
	Fuse Current	A	3.15A
	Sound Pressure Level	dB (A)	Cooling: 49/43/41/40/37/33/29 Heating: 49/43/41/39/36/32/28
	Sound Power Level	dB (A)	Cooling: 49/43/51/50/47/43/39 Heating: 59/53/51/49/46/42/38
	Dimension (W × H × D)	inch	38 21/32 × 12 1/4 × 8 45/64
	Dimension of Carton Box (L × W × H)	inch	40 29/32 × 14 27/32 × 11 19/64
	Dimension of Package (L × W × H)	inch	41 7/64 × 15 5/32 × 11 11/16
	Net Weight	lb	28.7
	Gross Weight	lb	35.3

Job Name:

Schedule Reference:

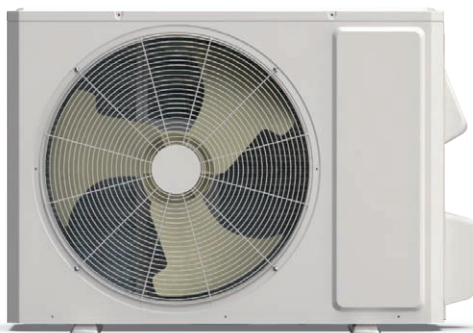
Date:

Specification are subject to change without notice.



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Model: TWH18AG25A2D



Outdoor Unit Model		TWH18AG25A2DO	
Outdoor Unit	Compressor Manufacturer	-	ZHUHAI LANDA COMPRESSOR CO. LTD.
	Compressor Model	-	QXF-M130zF170
	Compressor Oil	-	FW68DA or equivalent
	Compressor Type	-	Rotary
	Compressor LRA.	A	/
	Compressor RLA	A	9.6
	Compressor Power Input	W	1196
	Compressor Overload Protector	-	/
	Throttling Method	-	Electron expansion valve
	Set Temperature Range	°F	61~86
	Cooling Operation Ambient Temperature Range	°F	-20~122
	Heating Operation Ambient Temperature Range	°F	-22~86
	Condenser Form	-	Aluminum Fin-copper Tube
	Condenser Pipe Diameter	mm	Φ7
	Condenser Rows-fin Gap	mm	2-1.4
	Condenser Coil Length (L × D × W)	mm	890 × 38.1 × 616
	Fan Motor Speed	rpm	850
	Fan Motor Power Output	W	60
	Fan Motor RLA	A	1.25
	Fan Motor Capacitor	μ F	/
	Outdoor Unit Air Flow Volume	CFM	2119
	Fan Type	-	Axial-flow
	Fan Diameter	mm	Φ520
	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	dB (A)	59
	Sound Power Level	dB (A)	69
	Dimension (W × H × D)	inch	37 23/32 × 25 63/64 × 15 53/64
	Dimension of Carton Box (L × W × H)	inch	40 33/64 × 17 53/64 × 28 5/32
	Dimension of Package (L × W × H)	inch	40 5/8 × 17 61/64 × 29 1/64
	Net Weight	lb	98.1
	Gross Weight	lb	106.943
	Refrigerant	-	R410A
	Refrigerant Charge	oz	53
Connection Pipe	Connection Pipe Length	ft	24.6
	Connection Pipe Gas Additional Charge	oz/ft	0.125
	Outer Diameter Liquid Pipe	inch	1/4
	Outer Diameter Gas Pipe	inch	5/8
	Max Distance Height	ft	32.8
	Max Distance Length	ft	82
Note: The connection pipe applies metric diameter.			

The above data is subject to change without notice. Please refer to the nameplate of the unit.

Job Name:

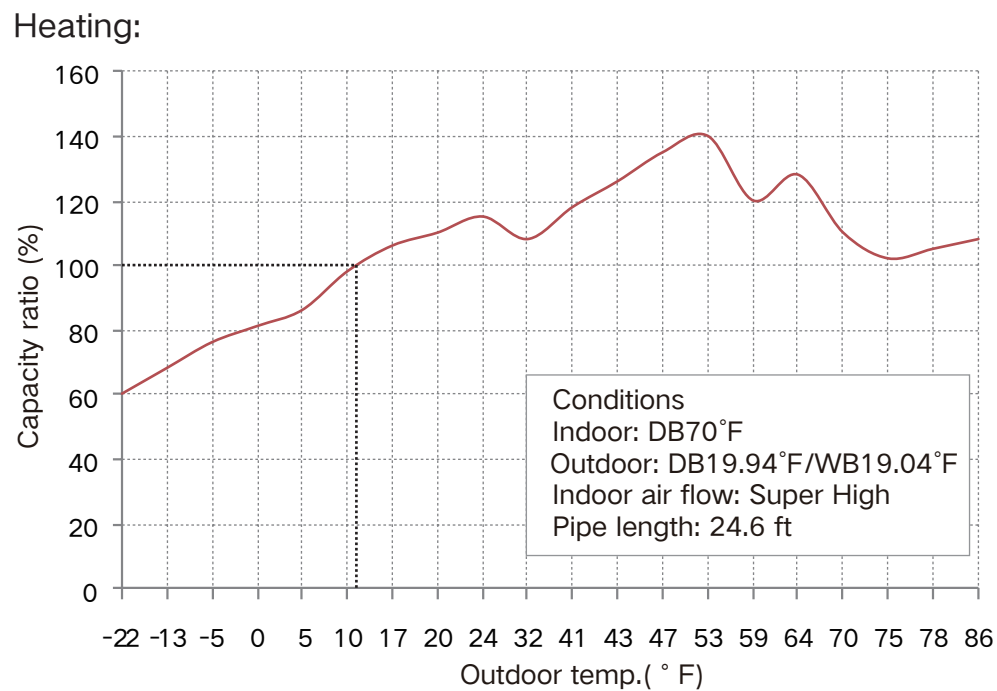
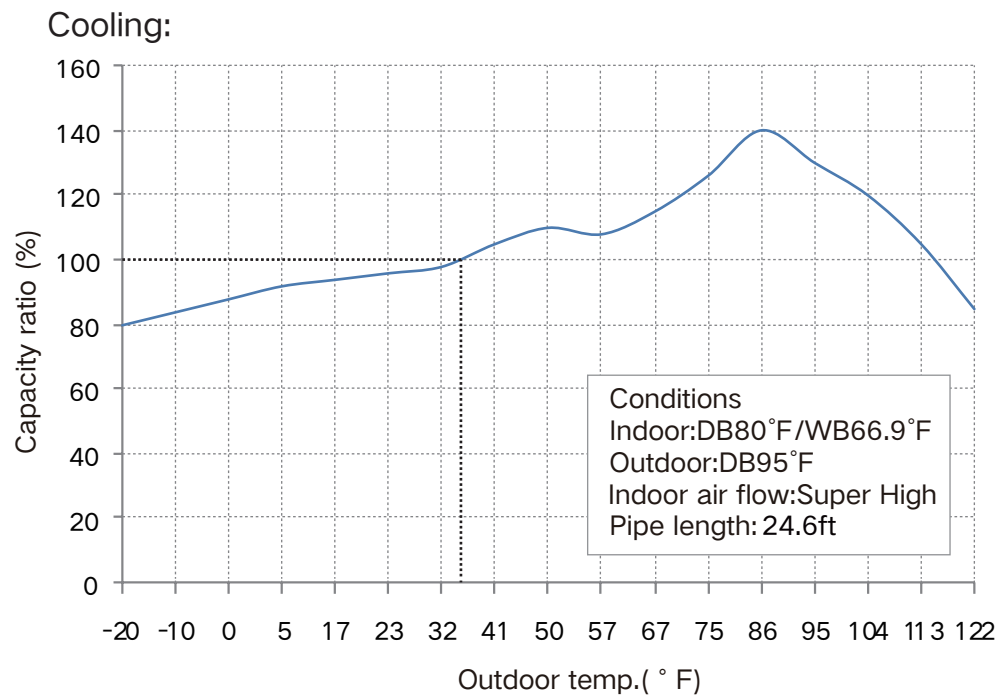
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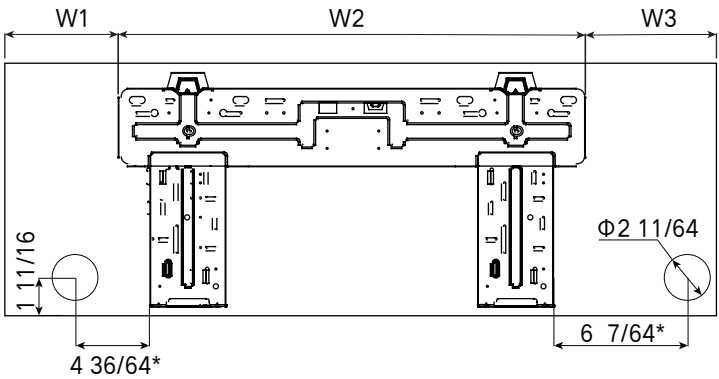
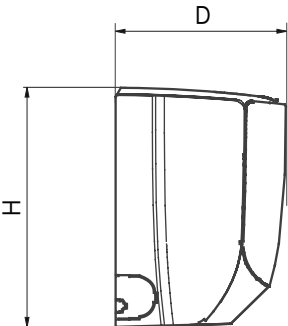
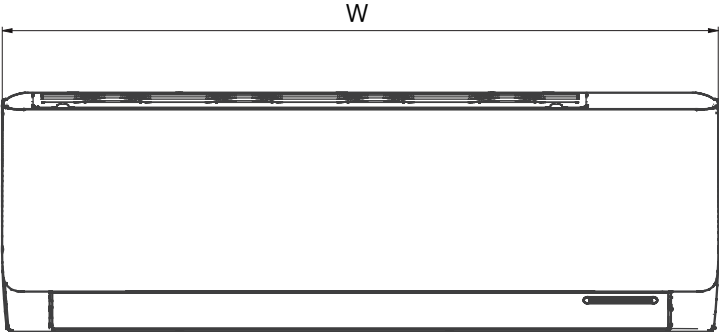


Capacity Variation Ratio According to Temperature





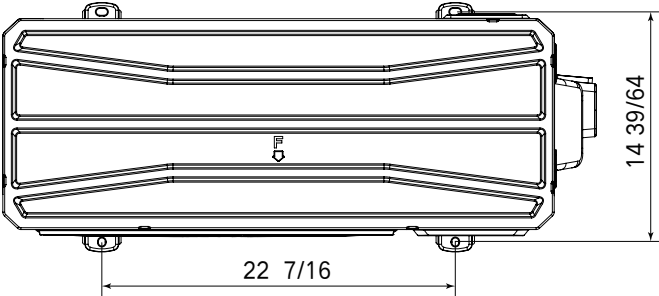
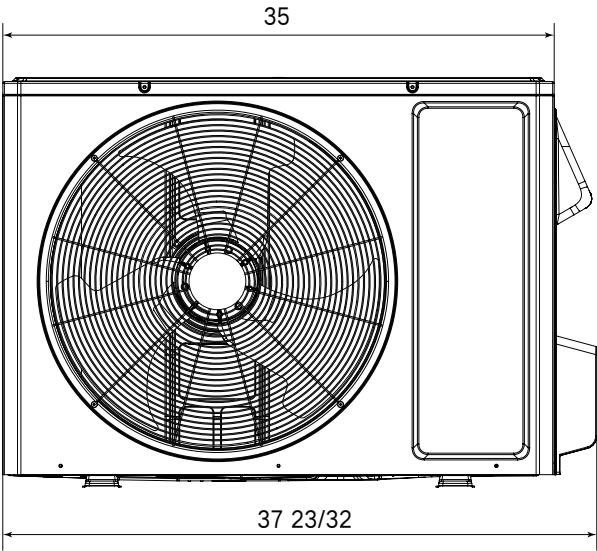
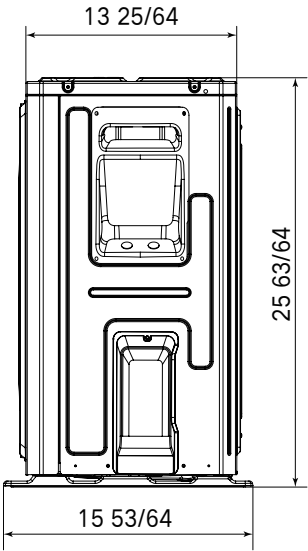
Outline Dimension Diagram



Unit: inch

Model	W	H	D
AGC	32 31/64	11 17/32	7 23/32
	W1	W2	W3
	4 29/64	21 11/32	6 11/16

* Recommending distances

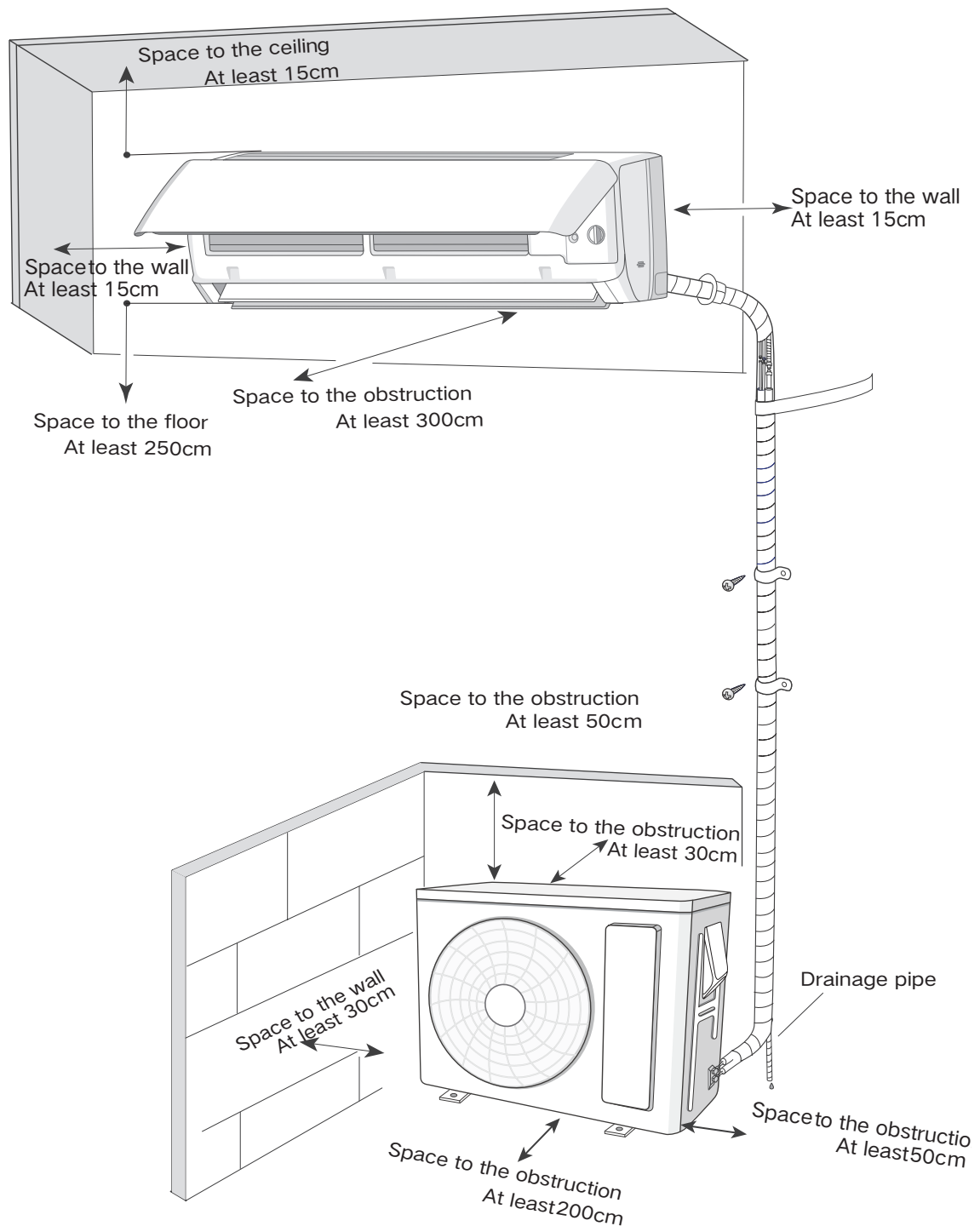


Unit: inch



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Installation Dimension Diagram



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