

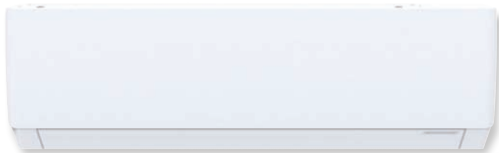


TQSDT

SPLIT TYPE

SUBMITTAL

Model: TWH24AG25A2D



Model		TWH24AG25A2D	
Power Supply	Rated Voltage	V~	208/230
	Rated Frequency	Hz	60
	Phases	-	1
Power Supply Mode		-	Outdoor
Cooling Capacity		Btu/h	22000
Heating Capacity		Btu/h	24000
Cooling Power Input		W	1679
Heating Power Input		W	1870
Cooling Power Current		A	8.1
Heating Power Current		A	8.8
Rated Input		W	3100
Rated Cooling Current		A	15.3
Rated Heating Current		A	13.5
Air Flow Volume		CFM	736/589/530/471/441/412/383
Dehumidifying Volume		Pint/h	5.072
EER		(Btu/h)/W	13.1
COP		(Btu/h)/W	12.8
SEER		-	24
HSPF		-	11
Application Area		yd ²	32-50
Model of indoor unit		TWH24AG25A2DI	
Indoor Unit	Fan Type	-	Cross-flow
	Fan Diameter Length(D × L)	mm	Φ108 × 830
	Cooling Speed	r/min	1500/1150/1100/1000/950/900/850
	Heating Speed	r/min	1500/1200/1100/1050/1000/950/900
	Fan Motor Power Output	W	60
	Fan Motor RLA	A	0.3
	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	845 × 25.4 × 342.9
	Swing Motor Model	-	MP24AK/MP24HF/MP24HF
	Swing Motor Power Output	W	1.5/1.5/1.5
	Fuse Current	A	3.15
	Sound Pressure Level	dB (A)	Cooling: 52/44/42/39/38/36/34 Heating: 52/44/42/39/38/36/34
	Sound Power Level	dB (A)	Cooling: 62/54/52/49/48/46/44 Heating: 62/54/52/49/48/46/44
	Dimension (W × H × D)	inch	42 21/64 × 13 7/64 × 9 11/16
	Dimension of Carton Box (L × W × H)	inch	44 13/32 × 15 63/64 × 12 23/32
	Dimension of Package (L × W × H)	inch	44 39/64 × 16 19/64 × 13 7/64
	Net Weight	lb	35.3
	Gross Weight	lb	41.9

Job Name:

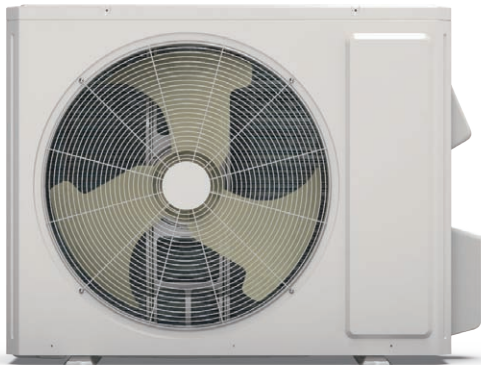
Schedule Reference:

Date:

Specification are subject to change without notice.

Model:

TWH24AG25A2D



Outdoor Unit Model		TWH24AG25A2DO	
Outdoor Unit	Compressor Manufacturer	-	ZHUHAI LANDA COMPRESSOR CO., LTD
	Compressor Model	-	QXFS-M180zX170
	Compressor Oil	-	/
	Compressor Type	-	Rotary
	Compressor LRA.	A	24
	Compressor RLA	A	11
	Compressor Power Input	W	1350
	Compressor Overload Protector	-	HPC 115/95U1 KSD115°C
	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	955 × 38.1 × 704
	Fan Motor Speed	rpm	850
	Fan Motor Power Output	W	90
	Fan Motor RLA	A	0.6
	Fan Motor Capacitor	μ F	/
	Outdoor Unit Air Flow Volume	CFM	2648
	Fan Type	-	Axial-flow
	Fan Diameter	mm	Φ570
	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)	62
	Sound Power Level	dB (A)	72
	Dimension (W × H × D)	inch	39 3/8 × 29 3/8 × 16 13/16
	Dimension of Carton Box (L × W × H)	inch	42 13/32 × 18 57/64 × 30 29/32
	Dimension of Package (L × W × H)	inch	42 33/64 × 19 1/64 × 31 57/64
	Net Weight	lb	125.7
	Gross Weight	lb	136.7
	Refrigerant	-	R410A
	Refrigerant Charge	oz	60
Connection Pipe	Connection Pipe Length	ft	24.6
	Connection Pipe Gas Additional Charge	oz/ft	0.5
	Outer Diameter Liquid Pipe	inch	1/4
	Outer Diameter Gas Pipe	inch	5/8
	Max Distance Height	ft	82
	Max Distance Length	ft	131.2
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:

Schedule Reference:

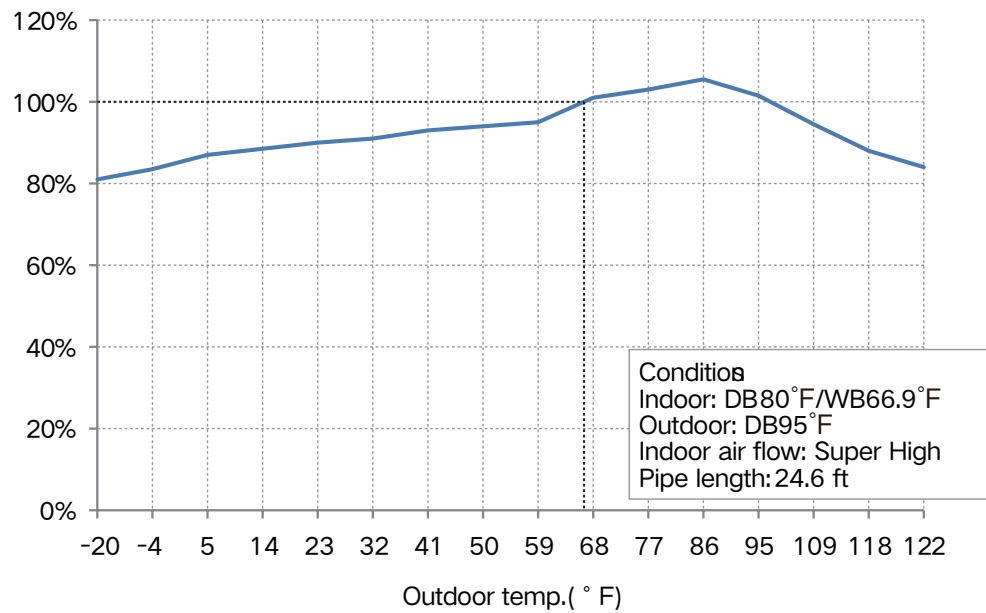
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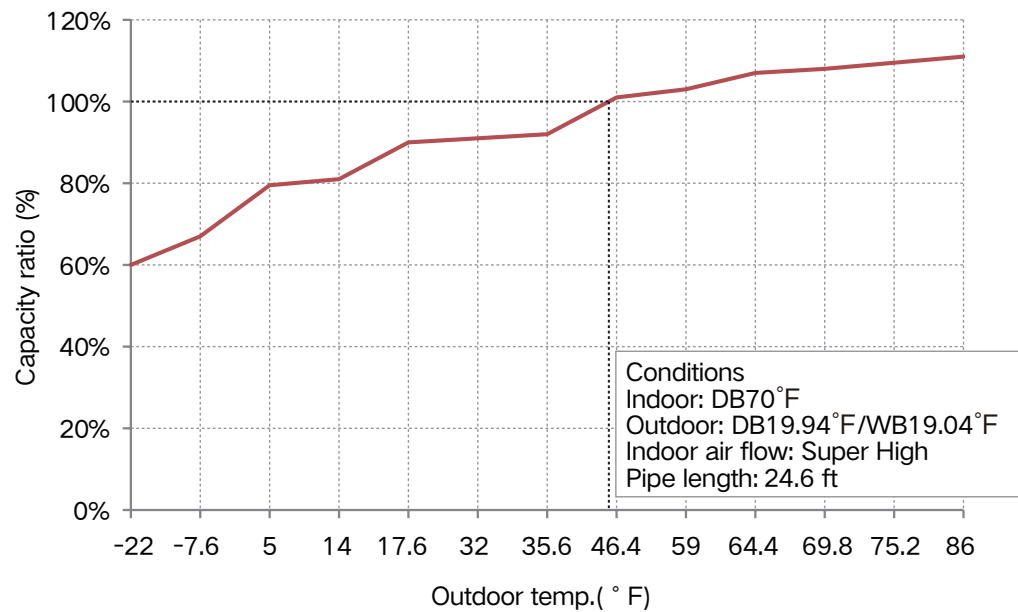


Capacity Variation Ratio According to Temperature

Cooling:

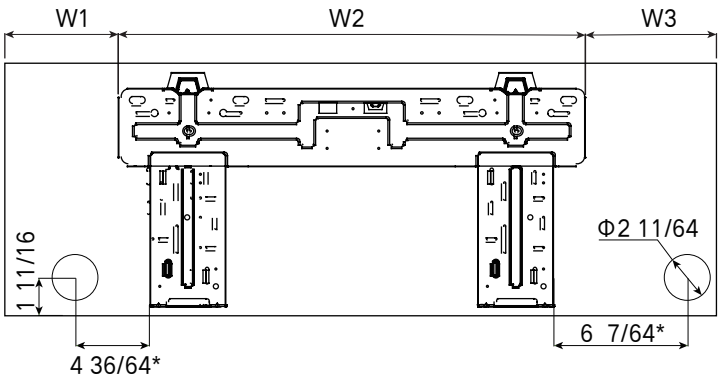
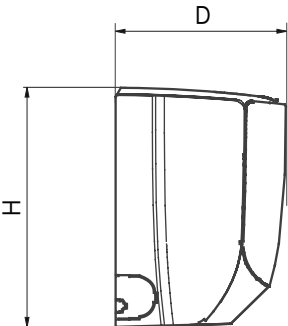
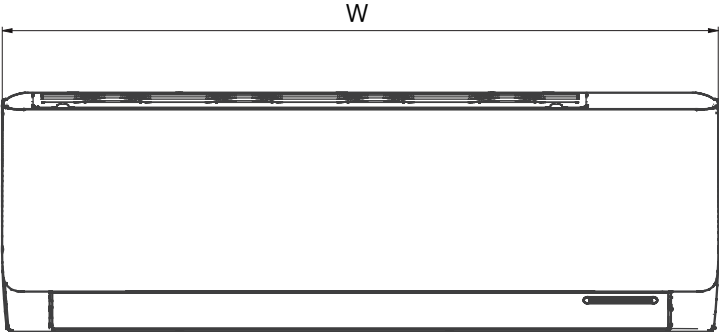


Heating:





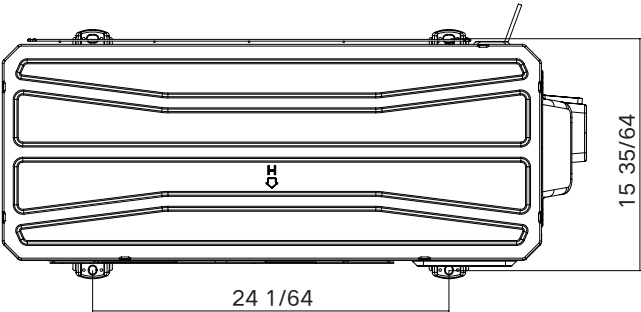
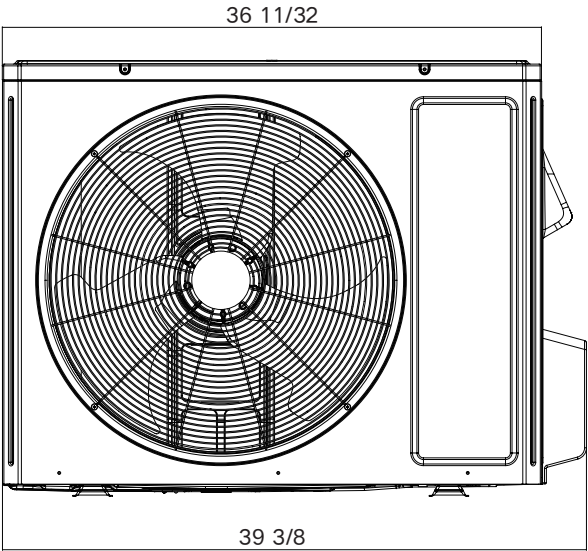
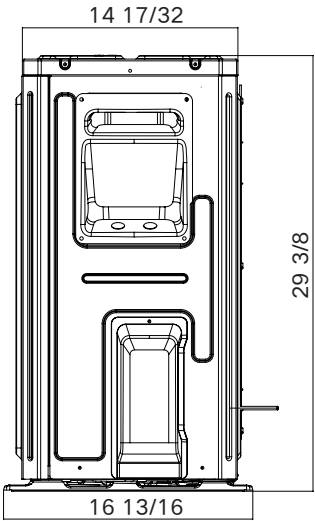
Outline Dimension Diagram



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

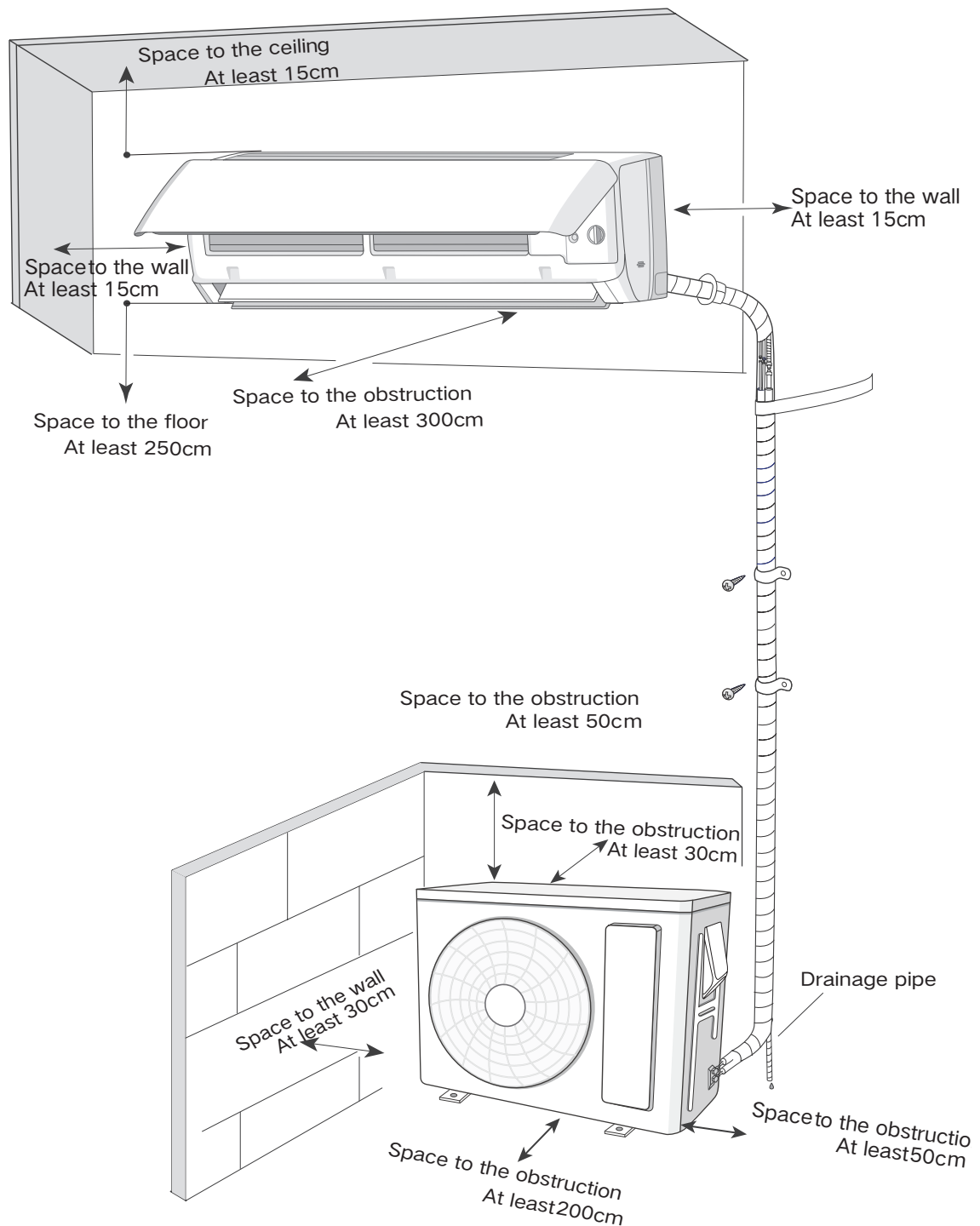


Unit: inch



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Installation Dimension Diagram



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