



TOSOT

SUBMITTAL DATA

Single Zone 19 Seer 30KBTU 230V

Model: TWH30R32D

Job Name

Location

Date

Purchaser

Engineer

Submitted to

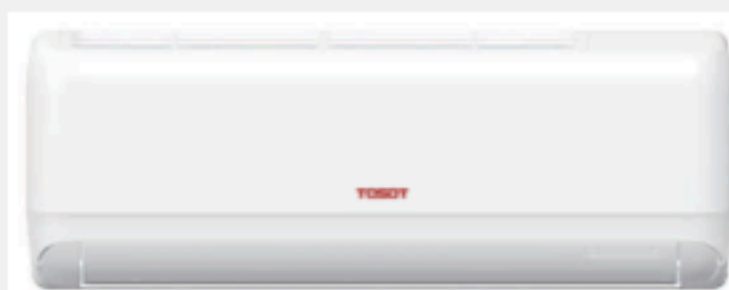
For

Unit Designation

Schedule No.



YBE1FB1F



TWH30R32DSI



TWH30R32DO



XE71 (Optional)

GENERAL FEATURES:

- R32 Refrigerant
- High Efficiency DC Inverter Technology
- Compact and Quiet Design
- Wireless Remote with LCD Display
- Wi-Fi Included
- Cooling Operation Ambient Temperature Range -4°F to 122°F
- Heating Operation Ambient Temperature Range -13°F to 75°F
- Coil (Indoor and Outdoor) Copper Tube / Aluminum Fin
- Blue Colored Fin - 500 Hrs Salt Spray Test

Americo HVAC Supply LLC



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Hayward, CA. 94544

SPECIFICATIONS & FUNCTIONS:

Model		TWH30R32D
Power Supply	VAC / Phase / Hertz	208~230/1/60
Cooling Capacity	Btu/h	30000
Heating Capacity	Btu/h	30000
MOCP	A	30
MCA	A	27
EER	(Btu/h)/W	10.90
COP	(Btu/h)/W	10.90
SEER	SEER2	22
HSPF	HSPF2	9
Air Flow Volume(H-L)	CFM	794/647/618/559/500/471/441
Dehumidifying Volume	Pint/h	7.40
Application Area	ft ²	495~753
Controller Model	Remote	YBE1FB1F

Indoor Unit Model		TWH30R32DSI
Fan Type	-	Cross-flow
Fan Diameter Length (D×L)	mm	φ 111.5×830
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	110
Fan Motor RLA	A	0.8
Motor ratings	hp	0.15
Fan Motor Capacitor	μF	
Evaporator Form	-	Aluminum Fin-copper Tube
Evaporator Pipe Diameter	mm	φ 7
Evaporator Row-fin Gap	mm	2~1.2
Evaporator Coil Length (L×D×W)	mm	840×25.4×381
Swing Motor Model	-	MP35CP、MP24HF
Swing Motor Power Output	W	2.5、1.5
Fuse Current	A	3.15
Set Temperature Range	°F	61~86
Sound Pressure Level - Cooling	dB (A)	52/45/44/41/39/38/36
Sound Power Level - Cooling	dB (A)	62/55/54/51/49/48/46
Sound Pressure Level - Heating	dB (A)	53/45/43/41/39/38/35
Sound Power Level - Heating	dB (A)	63/55/53/51/49/48/45
Dimension (W x H x D)	inch	42 7/16 × 13 7/64 × 9 11/16
Dimension of Package L×W×H	inch	44 39/64 × 16 19/64 × 13 7/64
Net Weight	lb	34.2
Gross Weight	lb	40.8

Outdoor Unit Model		TWH30R32DO
Compressor Model	-	QXFS-B221zX070S
Compressor Oil	-	FW68DA or equivalent
Compressor Type	-	Twin Rotary
Compressor RLA	A	18.5
Compressor Power Input	W	1775
Outdoor Unit Fan Type	-	Axial-flow
Outdoor Unit Fan Diameter	mm	570
Fan Motor Speed	rpm	850
Fan Motor Power Output	W	90
Motor ratings	hp	0.12
Fan Motor RLA	A	1.7
Air Flow Volume	CFM	2648
Condenser Form	-	Aluminum Fin-copper Tube
Condenser Pipe Diameter	mm	φ 7
Condenser Rows-fin Gap	mm	2 - 1.4
Condenser Coil Length (L×D×W)	mm	955X38.1X704
Permissible Excessive Operating Pressure for the Discharge Side	P.S.I.G	624
Permissible Excessive Operating Pressure for the Suction Side	P.S.I.G	363
Maximum Allowable Pressure	P.S.I.G	885
Ambient Temperature Range-Cooling	°F	-4~122
Ambient Temperature Range - Heating	°F	-13~75
Metering Device	-	Electron expansion valve
Defrosting Method	-	Automatic Defrosting
Sound Pressure Level (H)	dB (A)	62
Sound Power Level (H)	dB (A)	72
Dimension (W×H×D)	inch	39 24/64 × 29 24/64 × 16 52/64
Dimension of Package (L × W × H)	inch	42 33/64 × 19 1/64 × 31 57/64
Net Weight	lb	116.8
Gross Weight	lb	127.9
Refrigerant	--	R32
Factory Refrigerant Charge	oz	56.4
Connection Pipe Length	ft	24.6
Connection Pipe Gas Additional Charge	oz/ft.	0.4
Outer Diameter of Liquid Pipe	inch	1/4"
Outer Diameter of Gas Pipe	inch	5/8"
Max Distance Height	ft	82
Max Distance Length	ft	131.2

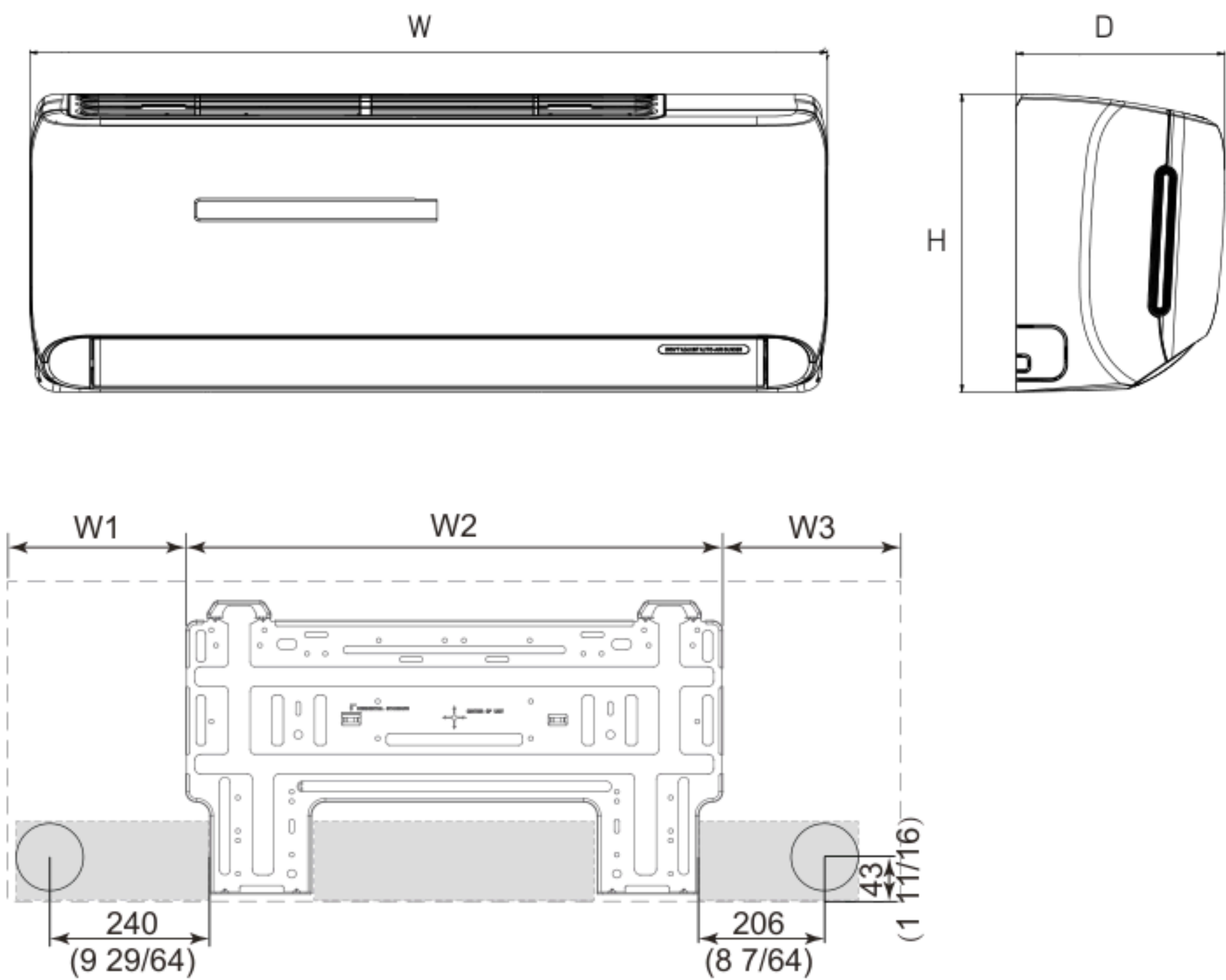
Functions				
Auto	Turbo	Intelligent Preheating	8°C Heating Mode	Auto Fan
Cooling	Temperature	Dry Anti-mildew Design	Turbo Cooling	Quiet
Heating	Soft Start	Several Optional Filters	Low Ambient Cooling	WIFI
Dehumidify	Self-Diagnosis	Auto Clean	Low Ambient Heating	Intelligent Defrosting
Air Flow	Lock	Timer Feature	Low Voltage Startup	Force Defrosting
Three Kinds of Sleep Mode	Compressor Electric Heater Function	Memory	Standby	Energy Saving
Auto Swing	LCD (Back Light)	Chassis Electric Heater Function	Multi Speeds	

DIMENSIONS

INDOOR UNIT: TWH30R32DSI

Unit: inch

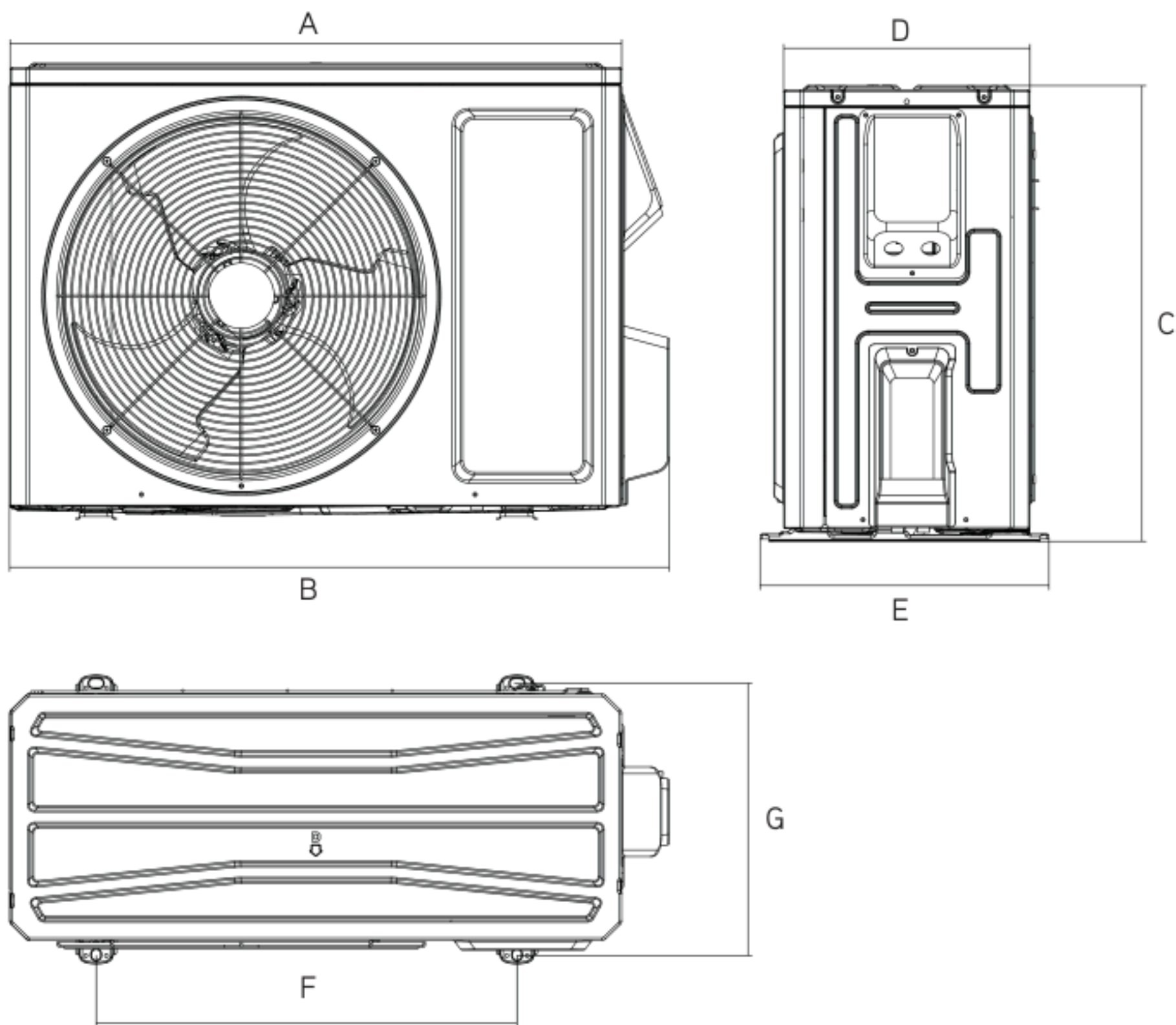
Dimensions	
W	42-7/16
H	13 7/64
D	9-11/16
W1	6 15/64
W2	22 7/64
W3	10-5/32



OUTDOOR UNIT: TWH30R32DO

Unit: inch

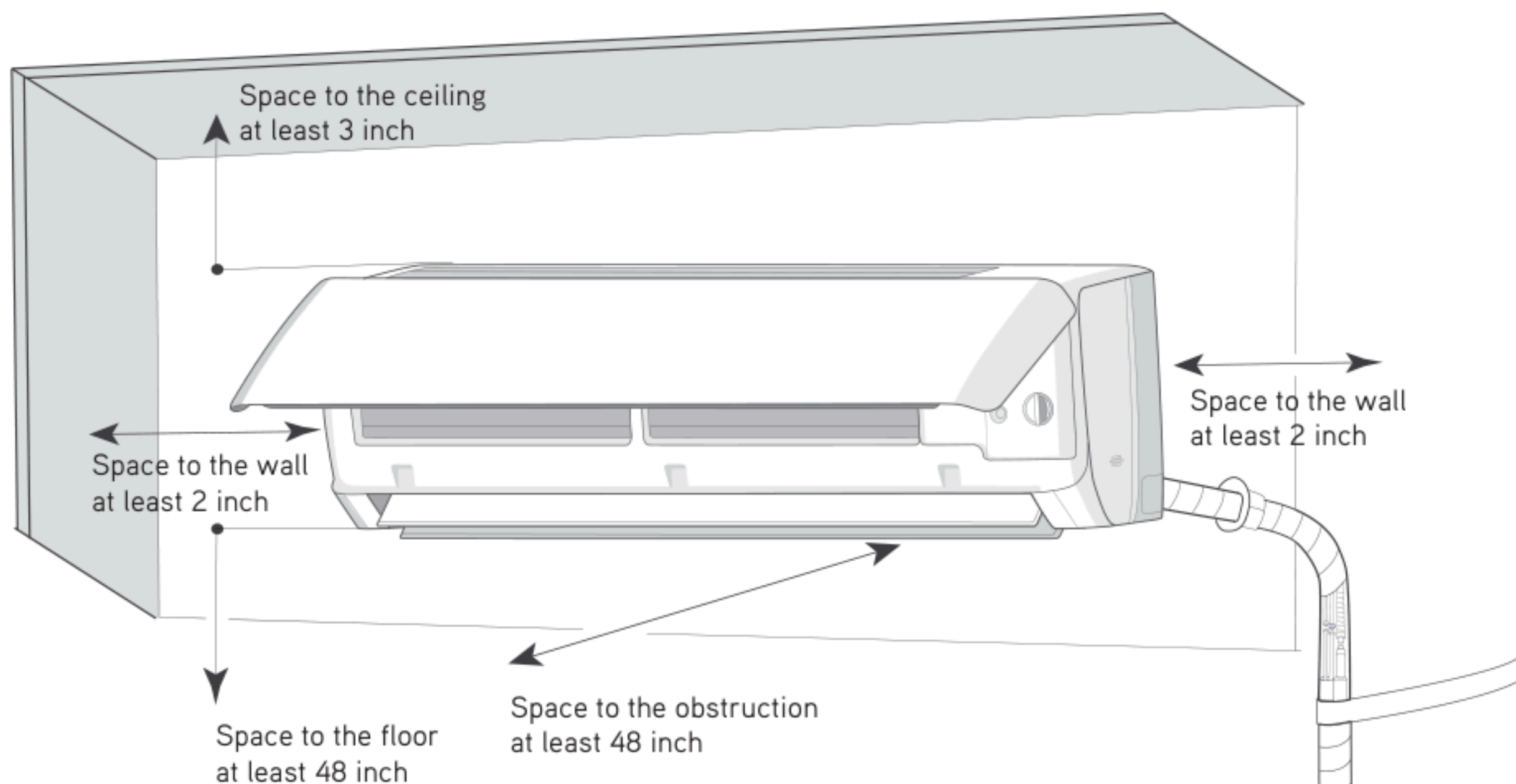
DIMENSIONS	
A	36 11/32
B	39 3/8
C	29 3/8
D	14 17/32
E	16 13/16
F	24 1/64
G	15 35/64



CLEARANCES

INDOOR UNIT

Minimum clearance



OUTDOOR UNIT

Minimum clearance

