



SUBMITTAL DATA

CONSOLE Indoor Unit 18KBTU

Model: GEH(18)AA-D6DNA1A/I

Job Name

Purchaser

Submitted to

Unit Designation

Location

Date

Engineer

For

Schedule No.



GENERAL FEATURES:

- Quiet Operation
- Multi-Speed Fan
- Swing Louvers
- Wireless Remote Controllers
- Remote Control Lockout
- Limited 5 yr. Parts Warranty

SPECIFICATIONS & FUNCTIONS:

Product Model	GEH(18)AA-D6DNA1A/I	
Product Type	--	CONSOLE
Rated Voltage	V	208/230
Min/Max. Voltage	V	187/253
Cooling Capacity	Btu/h	12000
Heating Capacity	Btu/h	12000
Air Flow Volume	CFM	441/383/353/324/294/265/206
Sound Pressure Level	dB (A)	43/40/38/37/35/32/0
Sound Power Level	dB (A)	53/50/0/47/0/42/0
Rated Dehumidification Capacity	L/h	1.4
Dehumidifying Volume	Pint/h	3
Cross-sectional Area of Power Cable Conductor	mm ²	0.75
Cross-sectional Area of Power Cable Conductor	sq in	0.0012
Recommended Power Cable (Core)	N	4
Fuse Current	A	3.15
Fan Type	-	Centrifugal
Fan Quantity	-	1
Fan Diameter-height	mm	φ370×80
Motor Model	-	FN30A-ZL
Motor Insulation Class	-	E
Motor Safe Class	-	IP20
Overload Protector	-	3.15
Motor Full Load Amp (FLA)	A	0.14
Fan Motor Speed (Cooling)	r/min	750/650/600/550/500 /450/350
Fan Motor Speed (Heating)	r/min	750/650/600/550/500 /450/350
Fan Motor Power Output	W	30
Fan motor running current	A	0.14
Evaporator Material	-	Aluminum Fin-copper Tube
Evaporator Face Area	m ²	0.2
Evaporator Face Area	sq.ft	2.1528
Evaporator Pipe Diameter	mm	6.35
Evaporator Number of Rows	-	2
Evaporator Tube Pitch(a)×Row Pitch(b)	mm	18×12
Evaporator Fin Pitch	mm	1.2
Evaporator Fins per Inch (FPI)	-	21
Evaporator Fin Type	-	louver fin
Evaporator Fin Color	-	Blue
Evaporator Number of Circuits	-	3in-3out
Evaporator Length (L×H×W)	mm	511×396×24
Evaporator Max. Allowable Pressure	MPa	10
Air Filter	-	PP-MD20
Air Filter Size (L×W/NO.)	inch	21 1/2×15/1
Standard Software and Controller	-	YAA1FB1F
Gas Pipe (to indoor unit)	inch	3/8
Liquid pipe	inch	1/4
Connection method	-	Flare Connection
Drain Connection (outer diameter)	inch	1 1/9
Dimension of Outline (W×D×H)	inch	27.56×8.47×23.62
Dimension of Carton Box (L×W×H)	inch	31.02×11.14×27.36
Dimension of Package (L×W×H)	inch	31.14×11.26×27.95
Stacked Layers	-	4
Net Weight	lbs.	33.075

Functions	GEH(18)AA-D6DNA1A/I
Auto	YES
Cooling	YES
Heating	YES
Dehumidify	YES
Air Flow	YES
Sleep	Three kinds of sleep curve
Vertical Auto Swing	YES
Horizontal Auto Swing	NO
Auto Fan	YES
Quiet	YES
I Feel	YES
Intelligent Preheating	YES
Ventilation	NO
Dry Anti-mildew Design	YES
Several Optional Filters (e.g.: Active Carbon)	Optional
Auto Clean	NO
Replaceable Front Panel	NO
Outdoor Air Available	NO
High Static Pressure	NO
Common Static Pressure	NO
Low Static Pressure	NO
Timer Feature	YES
Memory	YES
Turbo	YES
Clock	YES
Temperature	YES
Self-Diagnosis	YES
Lock	YES
LCD (No Back Light)	NO
LCD (Back Light)	NO
LED	YES
Intelligent Defrosting	YES
Force Defrosting	YES
Energy Saving	YES
8°C Heating Mode	YES
Turbo Cooling	YES
Low Ambient Cooling	YES
Low Ambient Heating	YES
Low Voltage Startup	NO
Multi Speeds	Speed 7
With Access Control System	NO
With Water Pump	NO
Switchover Between High and Low Static Pressures	NO
Optional Ambient Temperature	NO

18,000 BTUH MODEL

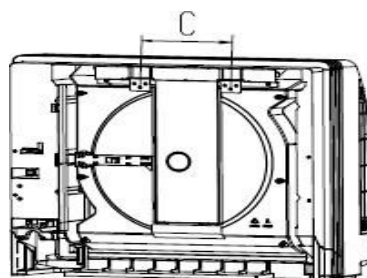
Model # 18,000 BTUH 230V



Front



Side



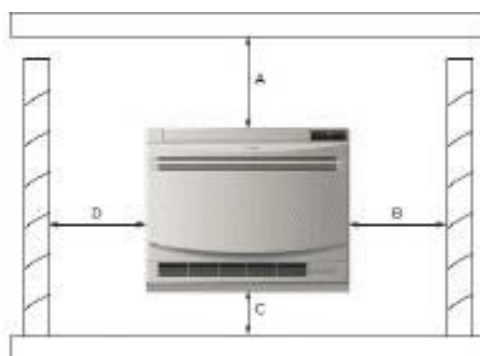
Back

Dimensions

	A	B	C	H
(mm)	700	215	200	600
(inches)	27.6	8.5	7.875	23.6

Note: Size refrigerant lines based on evaporator port

MINIMUM CLEARANCES



MINIMUM INDOOR CLEARANCE inches (mm)

A	B	C	D
60 (1524)	24 (610)	6 (152)	24 (610)

Notes:

1. Recommended Interconnecting Cable Type Stranded Bare Copper Conductors THHN 600V Unshielded Wire
2. Power wiring cable size must comply with applicable national and local codes.
3. Test conditions are based on AHRI 210/240.

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