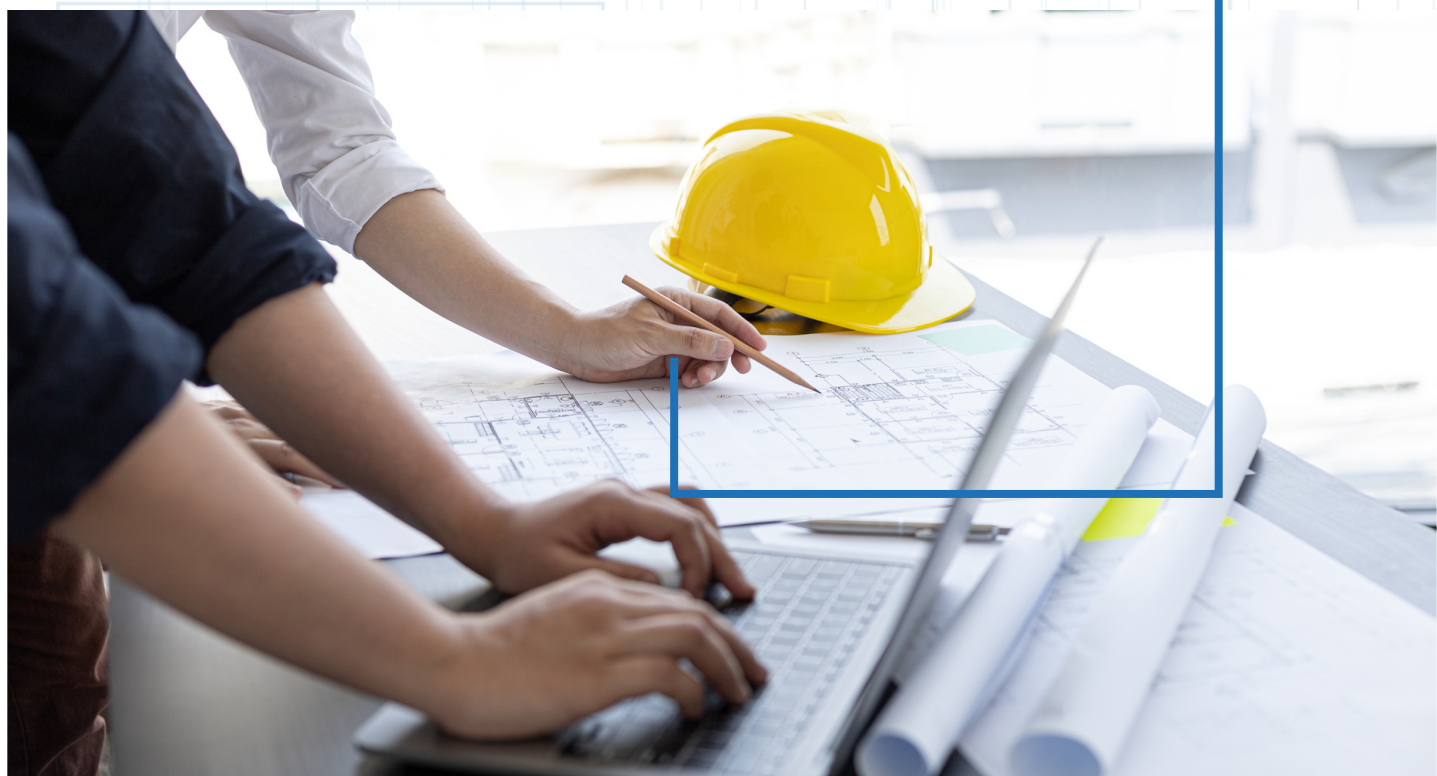


ARCHITECTS & ENGINEER SUBMITTAL SHEET

MONOBLOC INVERTER HEAT PUMP



GENUINE COMFORT
DELIVERING COMFORT CONSISTENTLY

Inverter Heat Pump

Job Name:		Engineer:	
Pruchaser:		Architect:	
Unit No.:		Contractor:	
Schedule:		Submitted to:	
Location:		Submitted by:	
Comment:		Date Submitted:	

SUBMITTAL SHEET

Genuine Comfort Monobloc Inverter Heat Pump

Unit Size: 39.37"W x 22.83"H x 8.58"D

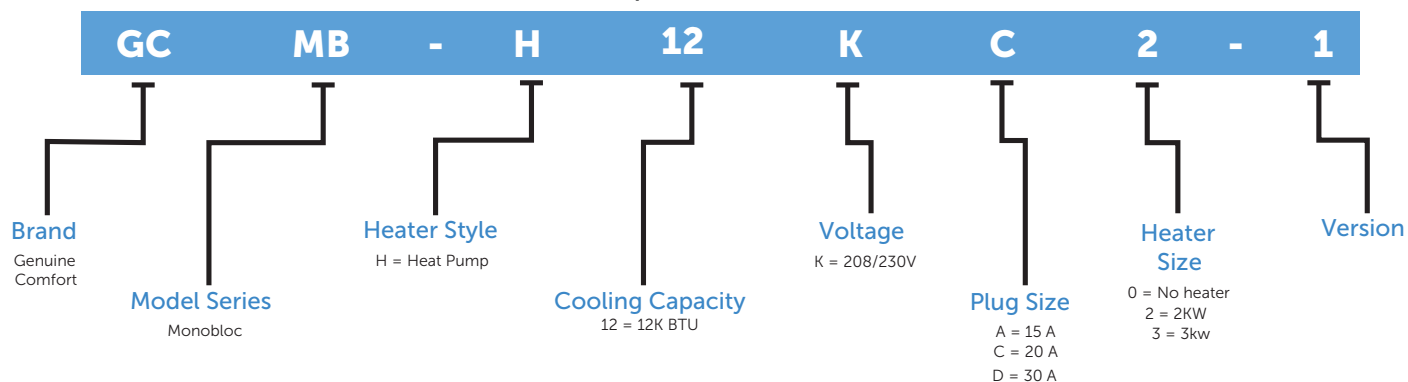
FEATURES

- Inverter technology
- Slim size & modish design
- Error Code Display for easy Diagnostic
- Remote Control , unit mount controller
- 3 Indoor Fan Speeds
- Silent Operation
- High EER / COP
- Fantastic heating at low ambient temperature
- R32 Refrigerant
- Easy installation & service
- Genuine Care Warranty: 1 Year Unit Replacement (if parts and labour is not available), 6 Year Parts Replacement



MODEL IDENTIFICATION

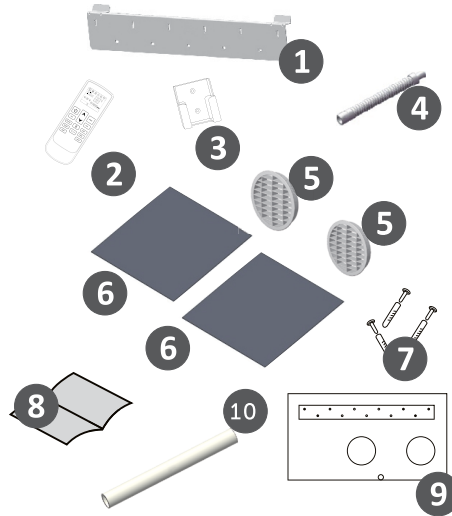
Example: GCMB-H12KD3-1



ACCESSORIES

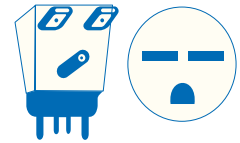
*SOLD SEPARATELY

1. Fastening Bracket
2. Remote Control
3. Remote Control Holder
4. Drainage Pipe
5. External Grating
6. Plastic Sheet Air Pipe
7. Kit of Screws
8. Instruction Manual
9. Paper Template for Wall Drilling (See page)
10. Fresh Air Intake Pipe (18.11 inch)



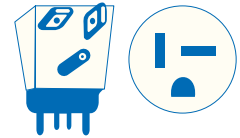
PLUG TYPE

TANDEM



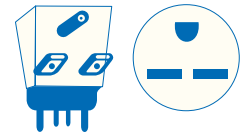
LCDI(NEMA 6-15P)
208V/230V 15A

PERPENDICULAR



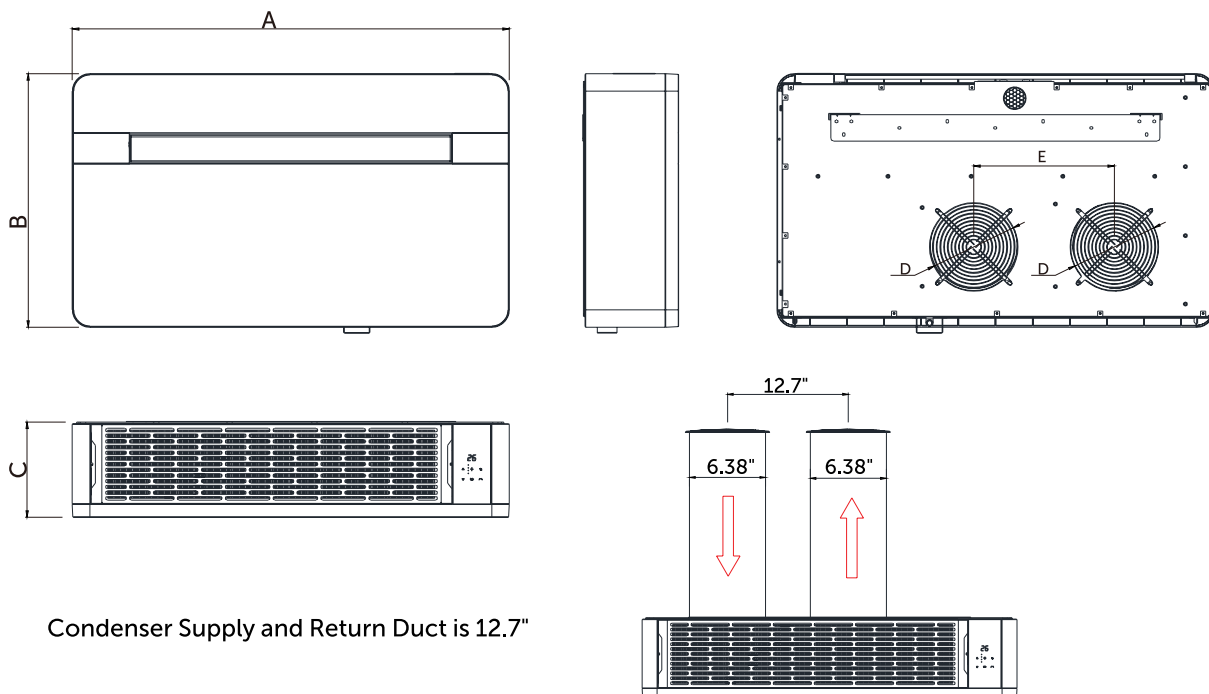
LCDI(NEMA 6-20P)
208V/230V 20A

LARGE TANDEM



LCDI(NEMA 6-30P)
208V/230V 30A

DIMENSION DRAWINGS



Unit	A	B	C	D	E	Filter Dimensions	Weight
Monobloc 12K Inverter Heat Pump	39.37"	22.83"	8.58"	7.87"	12.67"	30.31" x 7.08" x 0.27"	117

GENERAL INFORMATION

STANDARD TEST CONDITIONS -EN 14511-

OPERATING CONDITIONS IN COOLING AND DEHUMIDIFICATION MODE

- Inside 27°C DB; 19°C WB
- Outside 35°C DB; 24°CWB

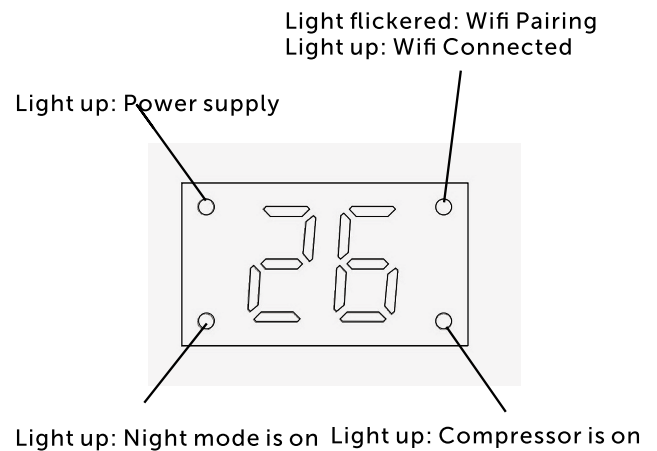
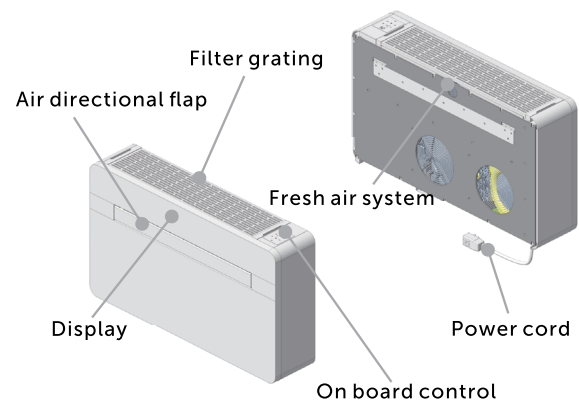
OPERATING CONDITIONS IN HEATING MODE

- Outside 7°C DB; 6°C WB
- Inside 20°C DB

The display will show both setting temperature and ambient temperature.

After adjusting the setting temperature, the setting temperature will flash 15 times on the display, then the display will show the ambient temperature for 70 seconds.

After that ,the display will be off until next adjustment.



INSTALLATION INSTRUCTIONS

POSITIONING THE AIR CONDITIONER (See Fig. 1)

To maintain the best performance from your air conditioner, prevent breakdowns or hazards, you must position it correctly. Please follow the guidelines and instruction below in full, as failure to do so could cause potential installation problems.

- The air conditioner must be installed on an exterior wall that has access to the out side with a minimum of 2 meters clearance to the outside.
- The air conditioner must be fitted leaving room all around as illustrated in the paper template
- The wall on which the air conditioner is installed must be sturdy and able to withstand the weight of the air conditioner.

After determining the best place for installation as described above, please check to ensure that the wall can be drilled in the chosen area without interfering with other structures or installations (beams, piers, pipes, wires, etc.).

Please also ensure that there are no obstacles on the outside of the wall, which may obstruct air circulation through the drilled holes, for example: plants and their leaves, slats or panelling, drain pipes, overflows and gratings, etc.). Any obstruction could interfere with the correct performances of the air conditioner.

PAPER TEMPLATE (See Fig. 2)

Fasten the template to the wall once the following guidelines have been thoroughly checked.

- Do not drill any holes until you are completely confident that there are no obstacles in the area you wish to drill and there are no obstructions, which could be hidden by the construction of the wall, for example:
Electrical wiring water & gas pipes or supporting lintels or beams.
- Ensure that a spirit level is used, as the air conditioner must be level.
- Follow the installation instructions in full.

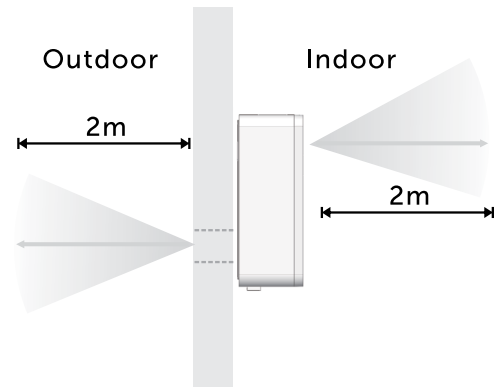


Fig. 1

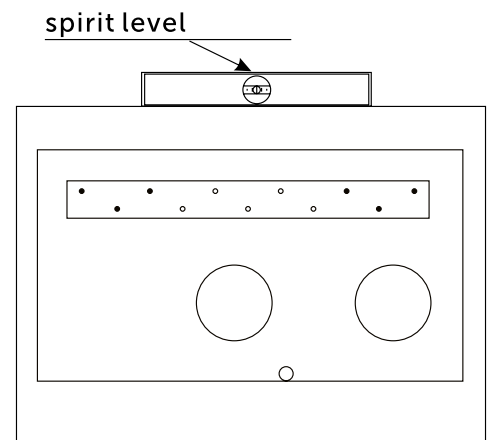
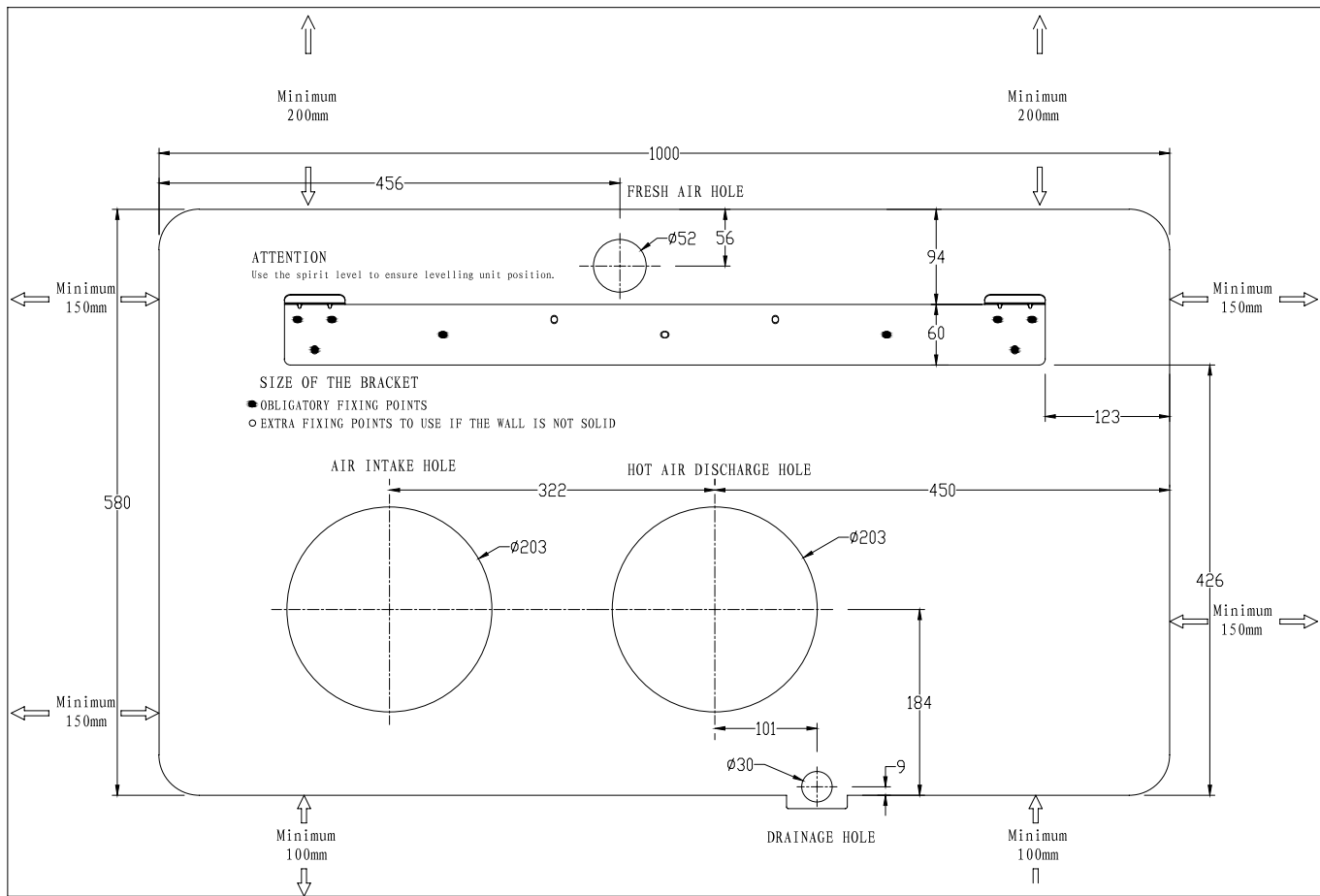


Fig. 2



DRILLING THE WALL (See Fig. 3)

Please note: If you are drilling the hole above ground floor level, please ensure that an area has been secured and while the holes are drilled the outside area is supervised, until drilling has been completed.

INTAKE AND OUTLET HOLES

- This operation should be carried out using the proper tools (diamond tip or core borers drills with high twisting torque and adjustable rotation speed).
- Fasten the template to the wall taking care to check the distance from the floor and or ceiling and keep it horizontal by using a spirit level.
- Use a pilot drill to mark the centre of each core hole to be drilled, Use a core boring head having a diameter of 8 inch to drill the two holes for intake and outlet the air.



It is recommended that the holes must have a slightly downward inclination of 3-5 degrees to prevent any backflow of water from the pipes.

⚠ 3° INCLINATION

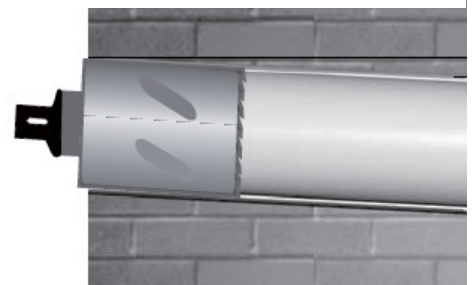


Fig. 3

DRAINAGE HOLE (See Fig. 4)

This air conditioner has a double system to drain the condensate moisture automatically. Before install the Air Conditioner choose which is the suitable system for your installation.

Please read carefully the follow instructions:

Drill a hole through the wall measuring 30mm in diameter in the position shown in the paper template. Drainage occurs by gravity.

For this reason, it is essential for the drain line to have a minimum downward inclination at least 3 degrees through out its length: connect the drain pipe (from rubber terminal) to the air conditioner (bottom of chassis)

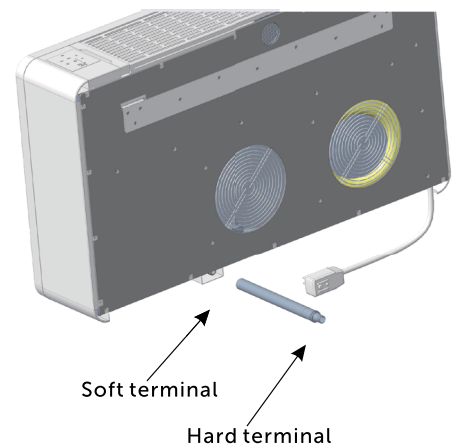


Fig. 4

FASTENING THE BRACKET (See Fig. 5)

- Drill the holes for anchoring the fastening bracket to the wall using preferably the 8 holes showed in black on the paper template. If the wall is not sturdy enough it is advisable to use extra anchor bolts using the holes showed in grey on the paper template.
- The anchor bolts provided require a 8mm holes; the wall should be inspected to determine if provided bolts are useful or if it is necessary to use a different anchorage. The manufacturer is not liable in case of underestimation of the structural consistency of the anchorage made at the time of installation.

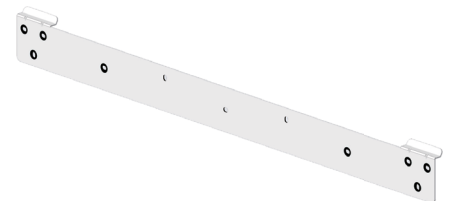


Fig. 5

FITTING THE GRATINGS

After drilling the holes, the plastic gratings supplied with air conditioner need to be fitted on the wall.

- When gratings is easy accessibility, you could fix the gratings from outside, it is recommended to fasten it to the wall with wall plugs and screws with a diameter of 6mm, and keep the fins in vertical position. (See Fig. 6)
- When the air conditioner is installed in the high space, and impossible to reach the gratings from outdoor side, you could fix the gratings from inside.
- Put the silicon gel around of the soft grating, like Fig. 12. Then fold the outer grating in half, insert your arm inside the hole with the grating. Let the grating unfold and pull the grating toward you. With a little patience and manipulation, the 2 gratings will fit the end of the holes. (See Fig. 7-9)

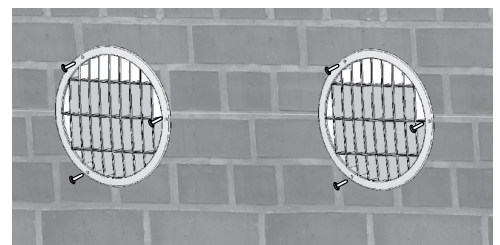


Fig. 6



Fig. 7



Fig. 8



Fig. 9

- After fixing the outside grating, we could inject more gel inside the space between the grating and wall.(See Fig.10-11)



Fig. 10



Fig. 11

- The black silicon gel is just for reference, we could use white or transparent color gel to fix the outdoor grille. (See Fig. 12)



Fig. 12

INSTALLATION OF THE PIPES (See Fig. 13)

Drill the holes for anchoring the fastening bracket to the wall using preferably the 8 holes showed in black on the paper template.

If the wall is not sturdy enough it is advisable to use extra anchor bolts using the holes showed in grey on the paper template.

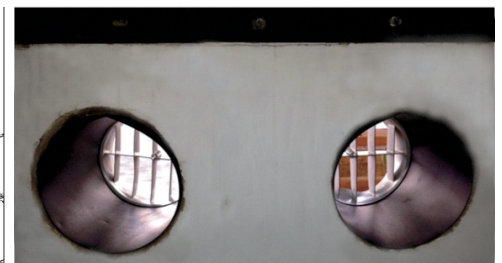
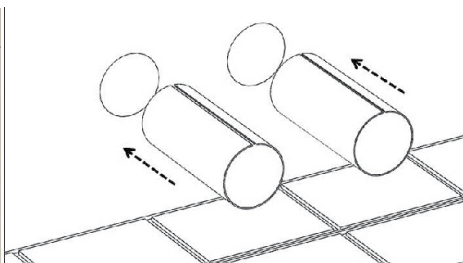
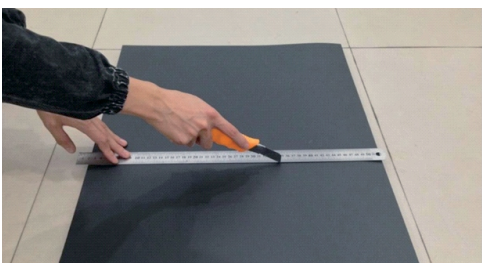


Fig. 13

CONNECTING DRAINAGE PIPE

Connect the drain pipe (from rubber terminal) to the air conditioner (bottom of chassis)

When the machine is installed in normal climate or hot area, we can connect the drainage pipe to outside, with a proper place. (See Fig. 15)

When the machine is installed in very cold area, the water in drainage pipe is frozen easily in winter, we could connect the drainage pipe inside the wall, and connect with a proper place. (See Fig. 16)

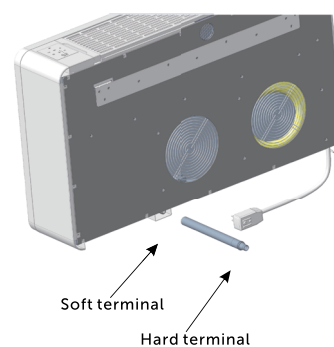


Fig. 14



Fig. 15

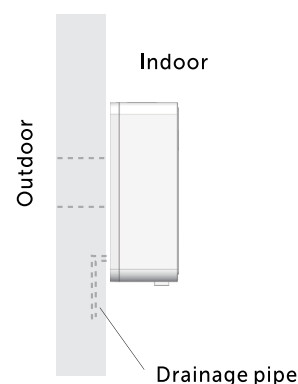


Fig. 16

FITTING THE AIR CONDITIONER ON BRACKET (See Fig. 17 - 18)

After checking again that the fastening bracket is securely fastened to the wall, and that any necessary preparations for electric connection and condensate drainage (if it needs) have been made, fasten the air conditioner to its supporting bracket.

Lift it up by holding the sides at the bottom. Tilt the air conditioner slightly toward you to facilitate the operation of fastening it to the

bracket. The air conditioner can now be pushed firmly against the wall. Inspect carefully the installation to make sure that the insulating back panel must fit firmly against the wall and there are no fissures at the back of the air conditioner and that the two plastic semicircle on the back side of the air conditioner are placed inside of the two plastic hoses fixed inside the wall.

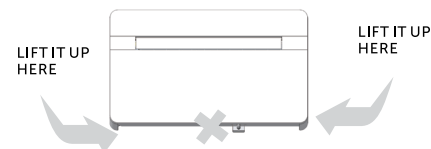


Fig. 17

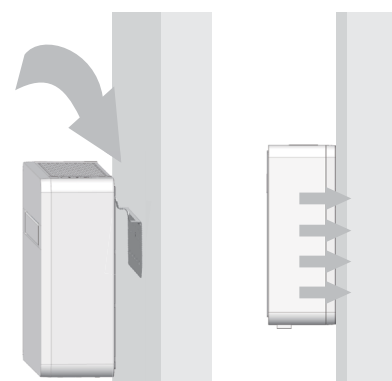


Fig. 18



The appliance shall not be installed the laundry.

The appliance must be positioned so that the plug is accessible.

The appliance shall be installed in accordance with national wiring regulations.

SPECIFICATIONS

Model ID			GCMB-H12KA0-1	GCMB-H12KC2-1	GCMB-H12KD3-1
Power Supply	Voltage (1 Ph., 60Hz)	V	208	208	208
	Capacity	Btu/h	12000	12000	12000
Cooling	Input	W	1209	1209	1209
		SEER2	15.55	15.55	15.55
	Capacity	Btu/h	11970	11970	11970
Heating	Input	W	947	947 + 2000	947 + 3000
		HSPF2	8.2	8.2	8.2
Auxiliary Electric Heating		W	-	2000	3000
Fan Speed Setting			3+ Auto	3+ Auto	3+ Auto
Setting Temperature Range		°F	64.4~86	64.4~86	64.4~86
Indoor Sound Level		dB(A)	46-48-50	46-48-50	46-48-50
Outdoor Sound Level		dB(A)	55	55	55
Unit Dimensions (W x H x D)		pouce	39.37*22.83*8.58	39.37*22.83*8.58	39.37*22.83*8.58
Package Dimension (W x H x D)		pouce	45.48*26.18*12.08	45.48*26.18*12.08	45.48*26.18*12.08
Net/Gross Weight		lbs.	117/132	117/132	117/132
Refrigerant Type			R32	R32	R32
Power Cord Type			LCDI-15A	LCDI-20A	LCDI-30A

Manufacturer reserves the right to change specifications. Our products are subject to continuous improvements. Genuine Comfort reserves the right to modify product design and specifications, discontinue design without notice and without incurring any obligations. Warranty limited to Canada and USA. See warranty documentation for full details.