

GODSPEED REFRIGERATION AND AIRCONDITIONING SERVICES

Customer Name : DANIEL ONG Date : 11/19/2025
 Address : NORTH FAIRVIEW SJR No : _____
 Establishment Type: Residential ☒ Commercial ☐
 Area Surveyed : LANE

Cooling Capacity Computation

Floor Area : 40 sqm. note: add 20% per meter in excess of 3 meters in the
 Ceiling Height : 27 mtr. initial cooling capacity computed.

Floor Area :	<u>40</u>	x	550 Btu/hr	<u>22000</u> Btu/h
Ceiling Height (excess of 3 mtrs.) :		x	20%	
Windows Direct Sunlight		<input type="checkbox"/>	20% Heat Load of Floor Area	
Glass Wall Direct Sunlight		<input type="checkbox"/>	50% Heat Load of Floor Area	
Total Cooling Capacity				
Add : Additional Heat Load				
No. of Person	<u>4</u>	x	300 Btu/hr	<u>1200</u> Btu/h
No. of Ordinary Light (<40w)		x	200 Btu/hr	
No. of Special Light (<40w)	<u>6</u>	x	400 Btu/hr	<u>2400</u> Btu/h
No. of Refrigerator (<6 cu.ft.)		x	400 Btu/hr	
No. of Refrigerator (<6 cu.ft.)		x	800 Btu/hr	
No. of Television		x	400 Btu/hr	
No. of Cooking Range		x	1500 Btu/hr	
No. of Laptop Computer		x	250 Btu/hr	
No. of Desktop Computer		x	500 Btu/hr	
No. of Printer		x	500 Btu/hr	
No. of Photocopier		x	1000 Btu/hr	
Total Cooling Capacity				<u>25600</u> Btu/h
Computed Cooling Capacity				<u>3HP</u> HP

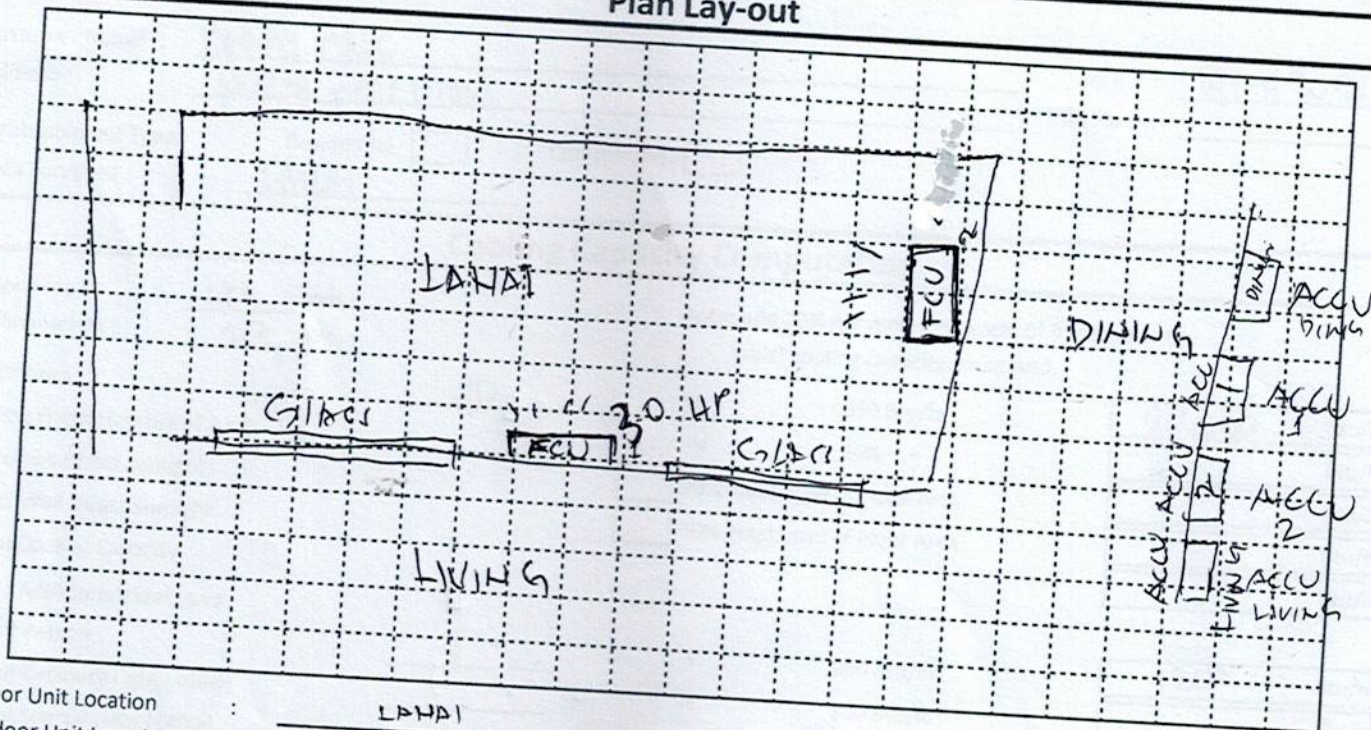
Recommended Product Model KSG-1WT-30WTFY8KIM32 Recommended Capacity / Type 3HP

Note : Compressor warranty will be reduced to _____ yr. If air-conditioner purchased is lower than the recommended cooling capacity or pipe lay-out is beyond the maximum allowable length.

Scope of Agreement

- | | | |
|--|--|---------------------------------------|
| 1. Copper tube lay-out | <input checked="" type="checkbox"/> Expose | <input type="checkbox"/> Embedded |
| 2. Chipping | <input type="checkbox"/> Included | <input type="checkbox"/> Not Included |
| 3. Fabricated bracket | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. Service Ledge | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 5. Dismantling of existing Aircon | <input type="checkbox"/> Included | <input type="checkbox"/> c/o Customer |
| 6. Leak Test of existing Copper tube | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 7. Duct works | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 8. Location of indoor and outdoor units were agreed by the customer and surveyor. | | |
| 9. Plastering, Carpentry and restoration works are to be done by the customer. | | |
| 10. Wiring of electrical supply from main panel to air-conditioning unit are to be done by the customer. | | |
| 11. Processing of mechanical plan, working permit are to be done by the customer. | | |
| 12. Other concern; <u>CALLING TYPE</u> | | |

Plan Lay-out



Indoor Unit Location : LAHAD
Outdoor Unit Location : HANG TYPE
Pipe Length : UNIT 1 - 13 mts UNIT 2
Special Note : UNIT 3HP

Instruction : 5 mts

Instruction: ☐ Encircle required specifications (copper tube size, power supply, circuit breaker and ODU bracket)

Installation Cost Estimate

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Material Description	Qty.	Unit Cost	Total Cost
Insu. Copper Tube (Excess of 10ft.) 3/8" x 1/4" 1/2" x 1/4" 5/8" x 1/4" 5/8" x 3/8" 7/8" x 3/8"	32	400	12,800
Communication Wire - Royal Cord (Excess 10ft.) 2.0sqmm x 4c	37	100	3,700
Power Supply - Royal Cord (Breaker to ODU) 3.5sqmm x 3c 5.5sqmm x 3c 8.0sqmm x 3c			
Circuit Breaker 20Amps/1Ph 30Amps/1Ph 40Amps/Ph 60Amps/1Ph 40Amps/3Ph 100Amps/3Ph	100		1000
Bracket (ODU) Kolin Wall Kolin Floor Fab. Floor Fab. Wall Fab. Wall w/ ledge			
Angel Bracket (WAC)			
PVC Pipe (Drain) 3/4" x 10' 1' x 10'			
Leaktest Existing Copper Tube (Ø dia ____ x ____, estimated length ____ ft)			
Dismantling Fee (Existing Air-Conditioning unit capacity ____ HP)			
Chipping Works			
Others			
Initial Charge			
TOTAL ESTIMATE			8,500
			26,100

Note:
1. Final

Note:

1. Final charges will be based on actual installation.
2. Survey fee will be **deducted** in the installation fee.

Prepared by:

Customer Conforme:

Signature Over Printed Name

Signature Over Printed Name