



# ESTINOR AIRCONDITIONING SERVICES

Customer Name : Jim Gago Jr.  
 Address : UNIT 852 Tower A Shore 1 Road.  
 Establishment Type: Residential  Commercial   
 Area Surveyed : \_\_\_\_\_

Date : 1-28-26  
 SJR No : \_\_\_\_\_

## Cooling Capacity Computation

Floor Area : 19 sqm. note: add 20% per meter in excess of 3 meters in the initial cooling capacity computed.  
 Ceiling Height : 2.7 mtr.

Floor Area :	<u>19</u>	x	550 Btu/hr	<u>10,450</u> Btu/h
Ceiling Height (excess of 3 mtrs.):		x	20%	Btu/h
Windows Direct Sunlight		<input type="checkbox"/>	20% Heat Load of Floor Area	Btu/h
Glass Wall Direct Sunlight		<input type="checkbox"/>	50% Heat Load of Floor Area	Btu/h
Total Cooling Capacity				Btu/h
<b>Add : Additional Heal Load</b>				
No. of Person	<u>2</u>	x	300 Btu/hr	<u>600</u> Btu/h
No. of Ordinary Light (<40w)	<u>2</u>	x	200 Btu/hr	<u>400</u> Btu/h
No. of Special Light (<40w)		x	400 Btu/hr	Btu/h
No. of Refrigerator (<6 cu.ft.)	<u>1</u>	x	400 Btu/hr	<u>400</u> Btu/h
No. of Refrigerator (<6 cu.ft.)		x	800 Btu/hr	Btu/h
No. of Television		x	400 Btu/hr	Btu/h
No. of Cooking Range	<u>1</u>	x	1500 Btu/hr	<u>1500</u> Btu/h
No. of Laptop Computer		x	250 Btu/hr	Btu/h
No. of Desktop Computer		x	500 Btu/hr	Btu/h
No. of Printer		x	500 Btu/hr	Btu/h
No. of Photocopier		x	1000 Btu/hr	Btu/h
Total Cooling Capacity				<u>13,350</u> Btu/h
Computed Cooling Capacity	<u>KS-IW20-MCA11201M32</u>			<u>1.5HP</u> HP
Recommended Product Model			Recommended Capacity / Type	<u>2.0 HP</u>

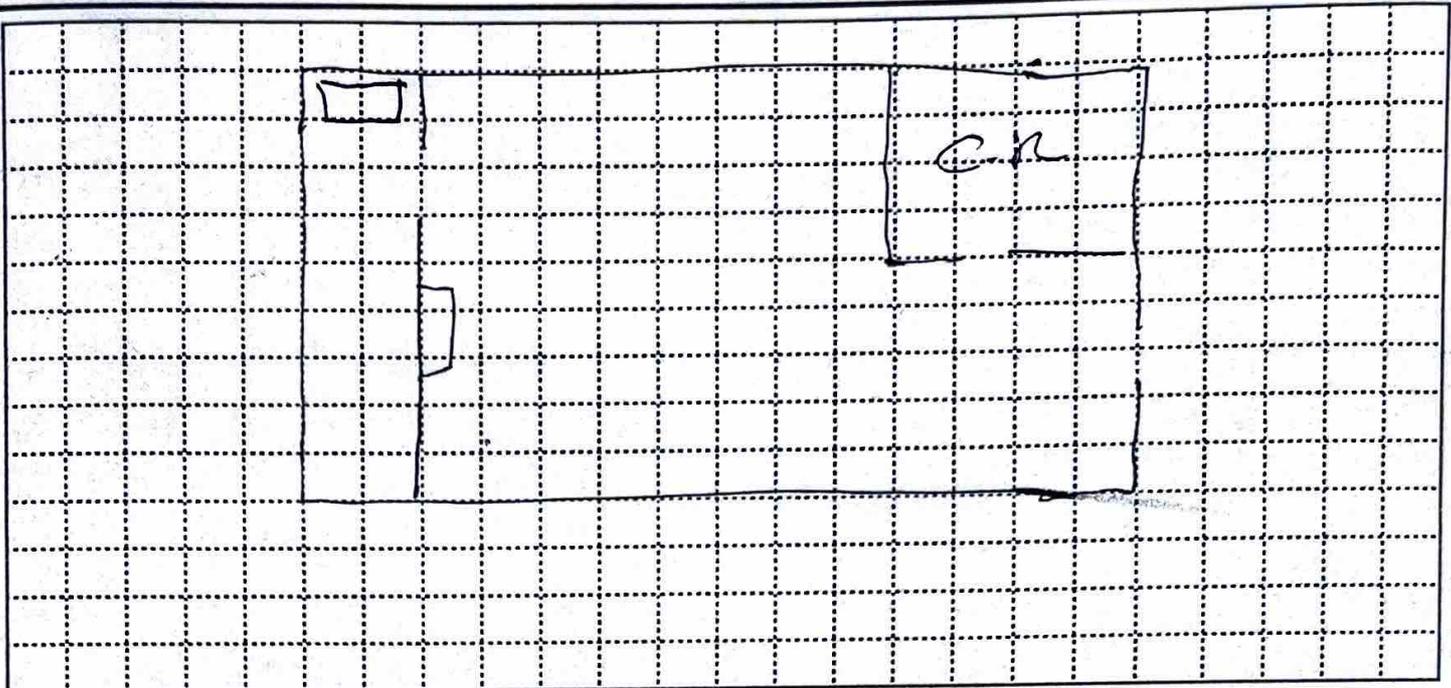
Note : Compressor warranty will be reduced to \_\_\_\_\_ yr. If air-conditioner purchased is lower than the recommended cooling capacity or pipe lay-out is beyond the maximum allowable length.

*2.0 HP unit is recommended, as the existing copper piping is 1/4" x 1/2", which is compatible only with 2.0 HP models.*

## Scope of Agreement

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

## Plan Lay-out



Indoor Unit Location : BEDROOM  
 Outdoor Unit Location : \_\_\_\_\_  
 Pipe Length : 15 FT  
 Special Note : \_\_\_\_\_

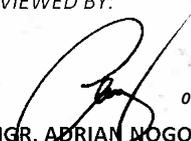
**Instruction:** ○ Encircle required specifications (copper tube size, power supply, circuit breaker and ODU bracket)

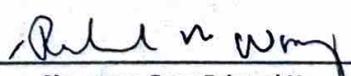
### Installation Cost Estimate

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"		P	P
Communication Wire - Royal Cord (Excess 10ft.) 2.0sqmm x 4c			
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			
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 1/4 x 1/2, estimated length 15 ft)			
Dismantling Fee (Existing Air-Conditioning unit capacity 1.5 HP)			
Chipping Works			
Others <u>USE OLD PIPE NEED REPROCESS</u>			
Initial Charge			P 7,500
<b>TOTAL ESTIMATE</b>			<b>P 13,500</b>

- Note:**
- Final charges will be based on actual installation.
  - Survey fee will be deducted in the installation fee.

Prepared by:   
 Signature Over Printed Name

REVIEWED BY:   
 ENGR. ADRIAN NOGOY  
 PROJECT ENGINEER-KPII  
 01/29/2026

Customer Conforme:   
 Signature Over Printed Name