

**N.V.F.S MAINTENANCE AIRCON & REFRIGERATION SYSTEM TRADING**

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Customer Name : Harbour View Corp.Date : Aug 16 2025Address : L-5 Veronica De Leon St., , Brgy. Sto. Niño, PARAÑAQUE CITY, Metro ManilaSJR No : HO-00269481Establishment Type: Residential ☐Commercial ☒Area Surveyed : 46 sqm**Cooling Capacity Computation**Floor Area : 46 sqm.Ceiling Height : 2.5 mtr.**note:** add 20% per meter in excess of 3 meters in the initial cooling capacity computed.

Floor Area :	<u>46.00</u>	x	550 Btu/hr	<u>25,300.00</u> Btu/h
Ceiling Height (excess of 3 mtrs.) :	<u>0.5</u>	x	20%	<u>0.50</u> Btu/h
Windows Direct Sunlight	<input type="checkbox"/>	20% Heat Load of Floor Area		<u>        </u> Btu/h
Glass Wall Direct Sunlight	<input type="checkbox"/>	50% Heat Load of Floor Area		<u>        </u> Btu/h
Total Cooling Capacity				<u>        </u> Btu/h

**Add : Additional Heal Load**

No. of Person	<u>9</u>	x	300 Btu/hr	<u>2,700.00</u> Btu/h
No. of Ordinary Light (<40w)	<u>10</u>	x	200 Btu/hr	<u>2,000.00</u> Btu/h
No. of Special Light (<40w)	<u>        </u>	x	400 Btu/hr	<u>        </u> Btu/h
No. of Refrigerator (<6 cu.ft.)	<u>        </u>	x	400 Btu/hr	<u>        </u> Btu/h
No. of Refrigerator (<6 cu.ft.)	<u>        </u>	x	800 Btu/hr	<u>        </u> Btu/h
No. of Television	<u>1</u>	x	400 Btu/hr	<u>400.00</u> Btu/h
No. of Cooking Range	<u>        </u>	x	1500 Btu/hr	<u>        </u> Btu/h
No. of Laptop Computer	<u>9</u>	x	250 Btu/hr	<u>2,250.00</u> Btu/h
No. of Desktop Computer	<u>        </u>	x	500 Btu/hr	<u>        </u> Btu/h
No. of Printer	<u>6</u>	x	500 Btu/hr	<u>3,000.00</u> Btu/h
No. of Photocopier	<u>        </u>	x	1000 Btu/hr	<u>        </u> Btu/h

**Total Cooling Capacity**          Btu/h**Computed Cooling Capacity** 35,650.50 HP**Recommended Product Model :**          **Recommended Capacity / Type :** Floor Mounted STR Single**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 checked="" type="checkbox"/> Not Included |
| 3. Fabricated bracket                | <input checked="" type="checkbox"/> Yes    | <input type="checkbox"/> No                      |
| 4. Service Ledge                     | <input type="checkbox"/> Yes               | <input checked="" type="checkbox"/> No           |
| 5. Dismantling of existing Aircon    | <input type="checkbox"/> Included          | <input checked="" type="checkbox"/> c/o Customer |
| 6. Leak Test of existing Copper tube | <input type="checkbox"/> Yes               | <input checked="" type="checkbox"/> No           |
| 7. Duct works                        | <input type="checkbox"/> Yes               | <input checked="" type="checkbox"/> No           |

8. Location of indoor and outdoor units were agreed by the customer and surveyor.

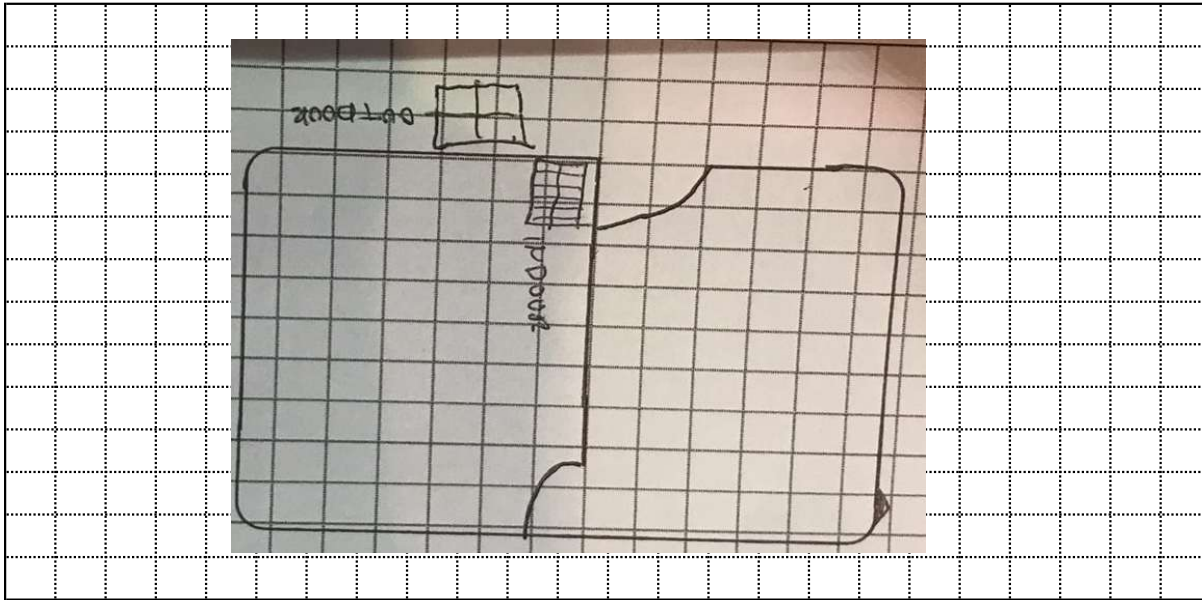
9. Plastering, Carpentry and restoration works are to be done by the customer.

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; Current ACCU is STR 3 phase Floor mounted type and client can changed to brand new unit : STR single phaseFAC

## Plan Lay-out



Indoor Unit Location : Office  
 Outdoor Unit Location : Outdoor  
 Pipe Length : 10ft  
 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"			
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   <u>8.0sqmm x 3c</u>	3.00	₱100.00	₱300.00
Circuit Breaker 20Amps/1Ph   30Amps/1Ph   40Amps/Ph   60Amps/1Ph   40Amps/3Ph   100Amps/3Ph			
Bracket (ODU) Kolin Wall   Kolin Floor   <u>Fab. Floor</u>   Fab. Wall   Fab. Wall w/ ledge	1.00	₱3,500.00	₱3,500.00
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) : <b>to be done by client</b>			
Chipping Works			
Others : <b>Angel bar</b>			
Initial Charge	1.00	₱14,000.00	₱14,000.00
<b>TOTAL ESTIMATE</b>			<b>₱17,800.00</b>

**Note:**

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

Prepared by:

Christy Mae Guerra

Signature Over Printed Name

Customer Conforms:

Signature Over Printed Name