

ENVIRONMENTAL PROTECTION DEPARTMENT
MINISTRY OF ENVIRONMENT AND DRAINAGE
L.V. HARCOURT LEWIS BUILDING
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MECHANICAL VENTILATION SUPPLEMENTAL SHEET

File No.

Design Specifications for Air Condition System

1. Ambient temperature: °F	2. Required indoor temperature: °F
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3. Total heat load: btu	4. Required air flow: cfm
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5. Proposed tonnage of AC Unit: ton	<p>Tip</p> <p>The indoor climate is influenced by the sensible and latent heat from people, lights, machines, electrical equipment and industrial processes, and pollution and gases from persons.</p>
6. Population density: person/ 1000 sqft	

7. Zone population: person	8. Zone floor area: sqft
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<p style="text-align: center;">Tip</p> <p>Outdoor air should be introduced into the occupied space to enhance the quality of the indoor air. The specific volume of outdoor air can be determined using acceptable international standards.</p>	9. Outdoor air per person: cfm/ person
	10. Outdoor air per unit area: cfm/sqft
	11. Outdoor air required: cfm

12. State which standard you have used to calculate 11 above:

Declaration:

I hereby certify that the information provided on this application is accurate to the best of my knowledge.

Signature of Applicant/ Agent

Date