

Cooling Fans Product Recommendation Information Sheet

Required Cooling Fan ● Leave blank and send if you have no request. We will call you back.

Axial Flow Fan Centrifugal Blower Cross Flow Fan

Ventilation and Cooling, Exhaust

Specifications of Equipment

● Leave blank and send if there is anything unclear. We will call you back.

● Gross Calorific Value within the Equipment ...

| | | |
|-----|---|-----|
| Q | = | W |
|-----|---|-----|

If the gross calorific value is unknown, enter total input, total output and efficiency below.

● Total input

| | | |
|----------|---|-----|
| P_{in} | = | W |
|----------|---|-----|

● Total output

| | | |
|-----------|---|-----|
| P_{out} | = | W |
|-----------|---|-----|

● Efficiency

| | | |
|--------|---|---|
| η | = | % |
|--------|---|---|

● Internal Temperature without Fan Operation ...

| | | |
|------|---|-----------|
| T' | = | C° |
|------|---|-----------|

● Maximum Temperature inside Equipment (desired temperature) ...

| | | |
|-----|---|-----------|
| T | = | C° |
|-----|---|-----------|

● Atmospheric Temperature of Equipment (cooling air) ...

| | | |
|-------|---|-----------|
| T_a | = | C° |
|-------|---|-----------|

Dimensions of Equipment

● Equipment Width

| | | |
|-----|---|----|
| W | = | mm |
|-----|---|----|

● Equipment Height

| | | |
|-----|---|----|
| h | = | mm |
|-----|---|----|

● Equipment Depth

| | | |
|-----|---|----|
| d | = | mm |
|-----|---|----|

● Equipment Bulkhead Thickness

| | | |
|-----|---|----|
| l | = | mm |
|-----|---|----|

● Equipment Material and Paint

| | | |
|--|--|--|
| | | |
|--|--|--|

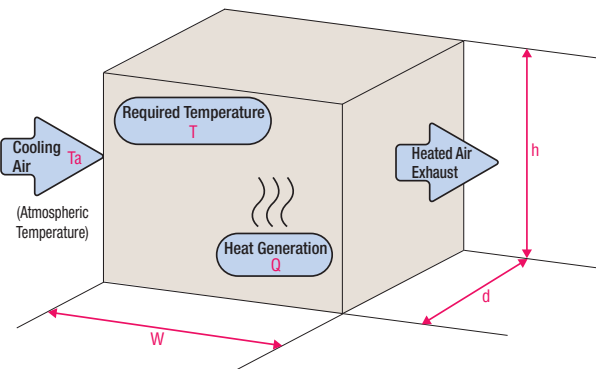
→ Emissivity

| | | |
|--|--|---|
| | | % |
|--|--|---|

● Power Supply Voltage

| | | |
|-------|-------|----|
| Phase | V , | Hz |
|-------|-------|----|

● Please fill in the best of your knowledge for the fan mounting position, air intake and exhaust position, internal layout, etc.



Duct Exhaust

Specifications of Equipment

● Leave blank and send if there is anything unclear. We will call you back.

● Required Exhaust Capacity

| | | |
|-----|---|-----------|
| Q | = | m^3/min |
|-----|---|-----------|

● Required Air Velocity

| | | |
|-----|---|-----|
| T | = | m/s |
|-----|---|-----|

Dimensions of Suction Intake or Exhaust Outlet

● Length

| | | |
|-----|---|----|
| W | = | mm |
|-----|---|----|

● Width

| | | |
|-----|---|----|
| D | = | mm |
|-----|---|----|

● The illustration below indicates the air intake on the lower part and the exhaust on the upper part. If the upper part is the air intake, the lower part is the exhaust outlet.

Duct Dimensions

● Diameter

| | | |
|----------|---|----|
| ϕD | = | mm |
|----------|---|----|

● Duct Length

| | | |
|-----|---|----|
| L | = | mm |
|-----|---|----|

Filter Characteristics

● Air Velocity

| | | |
|--|--|------|
| | | mm/s |
|--|--|------|

● Pressure Loss

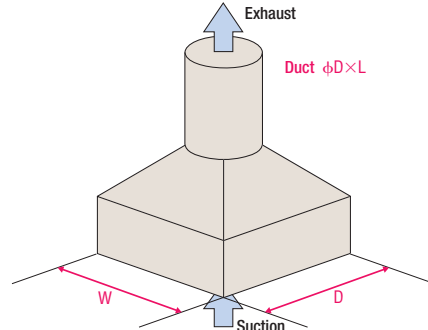
| | | |
|--|--|----|
| | | Pa |
|--|--|----|

● Exhaust Temperature

| | | |
|--|--|-----------|
| | | C° |
|--|--|-----------|

● Power Supply Voltage

| | | |
|-------|-------|----|
| Phase | V , | Hz |
|-------|-------|----|



● Please indicate different parts and parts missing from the above diagram to the best of your knowledge.

- Duct shape (locations of bends, bending angles, etc.)
- Fan installation position

Date: Year ____ Month ____ Day ____

Customer Information

| | |
|-----------------------------|---|
| Company: _____ | E-mail: _____ |
| Department and Title: _____ | Application: _____ |
| Name: _____ | Number of Units to be Used: _____ Unit(s) |
| Address: _____ | Expected Purchasing Date: _____ |
| TEL: _____ Extension: _____ | Supply Source: _____ |
| FAX: _____ | Sales Branch: _____ |

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