

## **AIR CURTAIN QUESTIONNAIRE**

***Note any information provided is confidential and will not be disclosed to any third party.***

Contact Name: \_\_\_\_\_ Company (if Applicable): \_\_\_\_\_

Address: \_\_\_\_\_ Town / City: \_\_\_\_\_

Contact Details: Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Name of Project: \_\_\_\_\_

Location of Air Curtain (Town / City / Street and Number) \_\_\_\_\_  
(we need this to identify prevailing winds)

### **Air Curtain Required (best guesstimate please)**

- |                            |   |  |
|----------------------------|---|--|
| <b>Type</b>                | <input type="checkbox"/> Heated Air Curtain | <input type="checkbox"/> Unheated Air Curtain  |
| <b>Usage</b>               | <input type="checkbox"/> Commercial Retail  | <input type="checkbox"/> Industrial  |
| <b>Type of Air Curtain</b> | <input type="checkbox"/> Frico (Heated)     | <input type="checkbox"/> Frico (Unheated) <input type="checkbox"/> Avon              |
|                            | <input type="checkbox"/> Mars (Heated)      | <input type="checkbox"/> Mars (Unheated) <input type="checkbox"/> <b>Don't know</b>  |
| <b>Functions Required</b>  | <input type="checkbox"/> Heating (Winter)   | <input type="checkbox"/> Cool Room Door <input type="checkbox"/> Dust/insect Control |
| <b>Heating Type</b>        | <input type="checkbox"/> Electric           | <input type="checkbox"/> Hot Water ____ / ____ ° C                                   |
| <b>Air Curtain Type</b>    | <input type="checkbox"/> Concealed Type     | <input type="checkbox"/> Exposed Type (Horizontal or Vertical)                       |

### **Door Parameters**

Type of Building (Small Retail shop / Office / Restaurant / Mall / Department Store / Hardware Store) \_\_\_\_\_

Door Opening Width and Height \_\_\_\_\_ W x \_\_\_\_\_ H mm

Ceiling Height from the Floor \_\_\_\_\_ mm

What Direction is the door exposed to? (Weather Conditions) \_\_\_\_\_ (North/East/South/West)

Approx. distance from the door to nearest work stations (noise) \_\_\_\_\_

Is this an entrance Door into the Building? Yes / No

Ref:  
1 of 3

Wind Lobby (with two sets of Doors) Yes / No

Preferred install location in wind lobby ☐ Inside Wind Lobby ☐ Inside Main Building

Building is well heated. Yes / No

If Restaurant / Café does it have Kitchen exhaust fan? Yes / No

If Yes above, does the Kitchen have a dedicated  
"Make up" system to replace the air that the exhaust  
fan(s) exhausted? Yes / No / Don't Know

☐ Automatic or Manual Control ☐ BMS On/Off Control

Any Specific Control Requirements? \_\_\_\_\_

**Room Parameters** (only required if Air Curtain is required to also provide Heat to maintain Building Temperature)  
(or provide Dimensions Building Plans / Elevations)

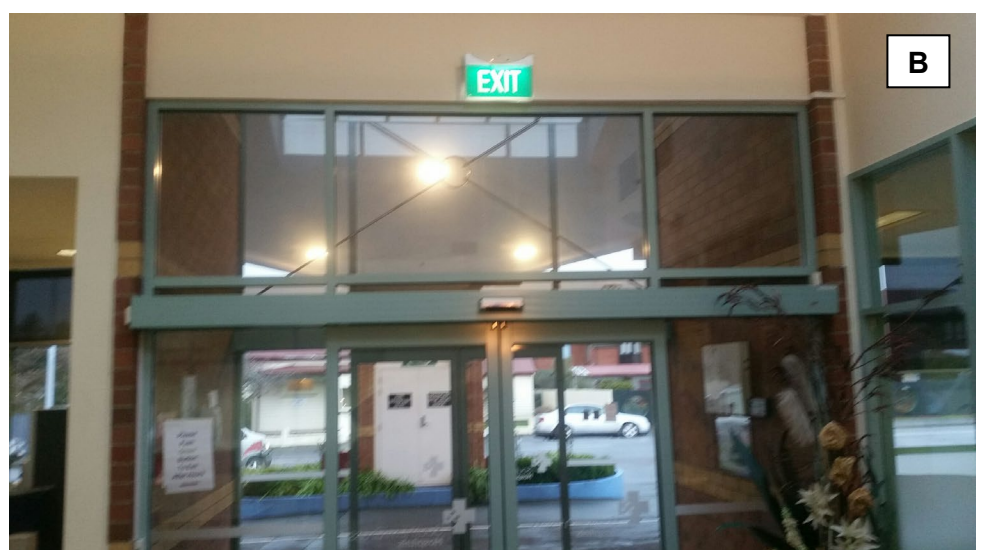
Building Floor Area \_\_\_\_\_ m<sup>2</sup> Building Volume \_\_\_\_\_ m<sup>3</sup> or

Length \_\_\_\_\_ m x Width \_\_\_\_\_ m x Average height \_\_\_\_\_ m

(If known) Estimated Building Heat losses (Winter) \_\_\_\_\_ kW

**Any other Details, that may affect the Selection of an Air Curtain??**

***Photos (similar to example below) or a dimensioned drawing of the door will be a great help to select an appropriate Air Curtain for the site. Photos from the side of the door (A) and from indoors showing the entire door and the walls either side (B) are invaluable. Photos to include the wall above the door, and (if applicable) detail of any wind lobby.***



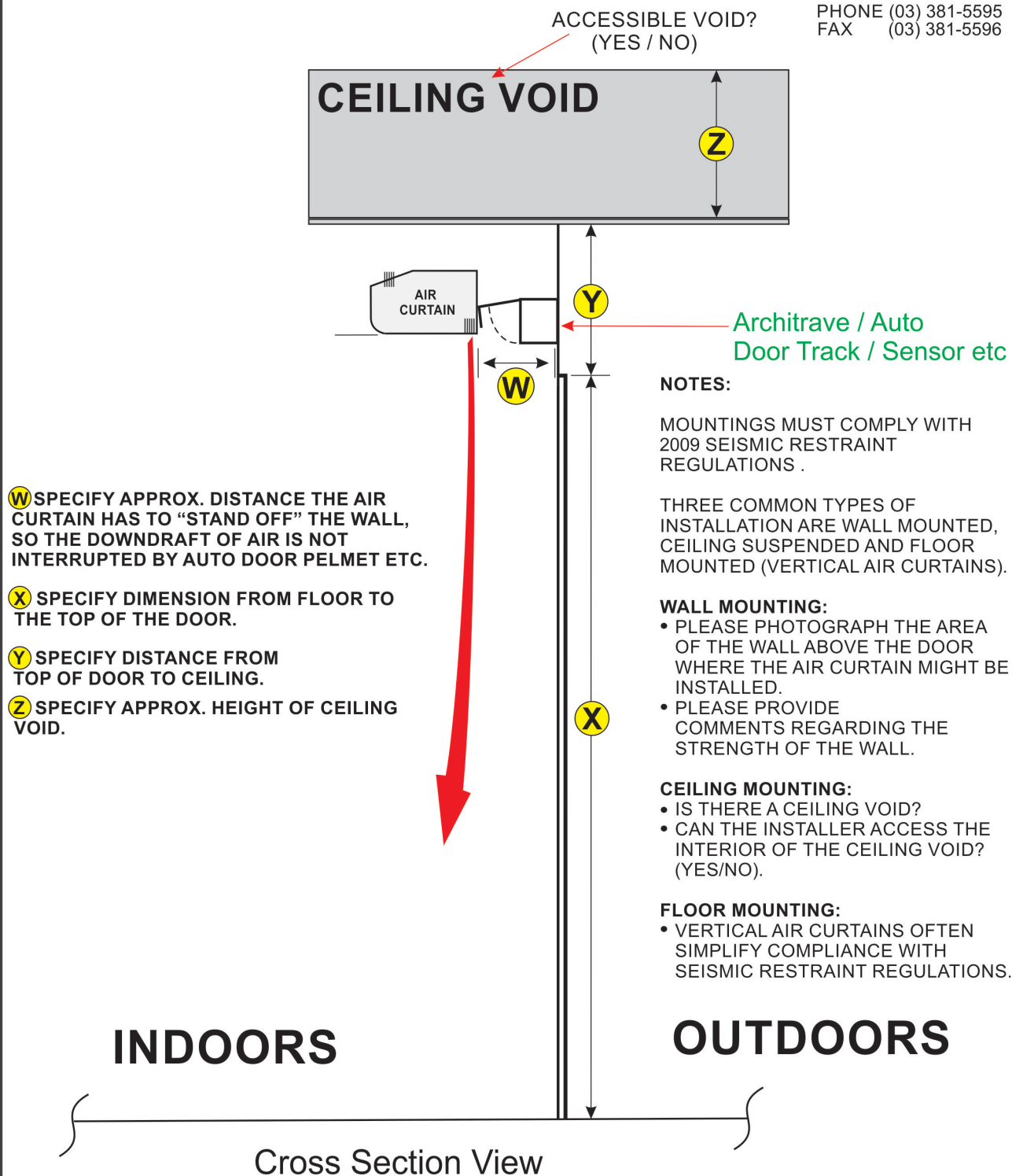
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# EXAMPLE AIR CURTAIN - Mounting Requirements

**Avon**  
ELECTRIC Ltd

PHONE (03) 381-5595  
FAX (03) 381-5596



**INDICATIVE ONLY NOT TO SCALE**

DATE: 26/02/18

DIMENSIONS IN MM TO BE PROVIDED

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