

This form is to be used when evaluating a computer facility and to record relevant information with respect to that facility. The form can be used for existing OR planned computer rooms. For further information or instruction on the use of this form please contact Hirotec on + 61 2 9750 4666. Copyright 2003 Hirotec Technologies Pty Ltd.

**Company Name:**

**Representative Name:**  **Date:**

**Client Name:**

**Room Location & Details:**

**Room Details:**

Length  m X Width  m = Area  m<sup>2</sup>

Ceiling height  m

Raised floor  Yes  No

Plenum height  mm

Ceiling plenum height  mm

- Walls constructed slab to slab  Yes  No
- Unsealed wall penetrations  Yes  No
- Walls vapour sealed with paint or sealer  Yes  No
- Ceiling construction solid material  Yes  No
- Ceiling penetrations  Yes  No
- Floor slab sealed  Yes  No
- Floor slab penetrations unsealed  Yes  No
- Windows  Yes  No
- Window shading  Yes  No
- Entry doors without seals  Yes  No
- Building air conditioning isolated  Yes  No
- Outdoor air introduced  Yes  No
- Exhaust air systems  Yes  No

**Comments**

**Air Conditioning:**

Packaged type units  Yes  No

Brand  Model

Individual unit capacity in kW sensible cooling:

Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Total installed cooling capacity:  kW

Number of standby units:

Air Cooled:  Yes  No

Water Cooled:  Yes  No

Chilled Water:  Yes  No

### Air Conditioning (continued):

- Unit spacing in room  Good  Poor
- Room temperature OK (record room temp.)  Yes  No
- Room hot spots (comment if Yes)  Yes  No
- Under floor temperature  NA  °C
- Dedicated cooling tower  NA  Yes  No
- Dedicated condenser water pump  NA  Yes  No

Comments

Brand: <input style="width: 100px;" type="text"/>	Model: <input style="width: 100px;" type="text"/>
Brand: <input style="width: 100px;" type="text"/>	Model: <input style="width: 100px;" type="text"/>

- Standby tower pump  NA  Yes  No
- Dedicated chiller and pump  NA  Yes  No
- Standby chiller and pump  NA  Yes  No
- Air cooled condenser location & operation  Good  Poor
- Air distribution balanced  Yes  No
- Floor air openings  m<sup>2</sup>
- Cables restricting air flow  Yes  No
- Over blow unit application  Yes  No
- Access for service of equipment  Good  Poor

Comments

### Computer Heat Load:

Heat load  kW

Note: Tong mains if unknown - Building load adds 0.2kW per square metre of floor area

### Facility Support Equipment:

- Local alarm system (business hours)  Yes  No
- Remote alarm system (after hours)  Yes  No
- Environment alarm system  Yes  No
- Water detection system  Yes  No
- UPS monitoring  Yes  No
- After hours maintenance support  Yes  No
- VESDA system and alarm  Yes  No

Comments

### Technical Information (if required):

- Condenser supply water temperature  °C
- Condenser return water temperature  °C
- Main condenser water line size  mm
- Condenser water pump motor  kW
- Chilled water supply temperature  °C
- Chilled water return temperature  °C
- Main chilled water line size  mm
- Chilled water pump motor  kW

Comments

<input style="width: 80px;" type="text"/>	Rated amps	<input style="width: 80px;" type="text"/>	Actual amps
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<input style="width: 80px;" type="text"/>	Rated amps	<input style="width: 80px;" type="text"/>	Actual amps
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