

<b>FAO:</b>	
<b>TO:</b>	Crowmarsh Recreation Ground Pavillion
	Bellamy Way
	Crowmarsh Gifford
	Wallingford
	OX10 8FN
<b>Phone</b>	01491 825767

<b>Job ID:</b>	85491
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Unit 25 Central Trading Estate  
Signal Way, Swindon  
Wiltshire, SN3 1PD  
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<b>Date</b>	1 November 2021
<b>Number of pages</b>	2

Dear Sir/Madam,

### **Re: Changing Room Ventilation Systems**

The existing system comprises of small extract fans located above each changing room pulling air from shower blocks and changing areas in to one larger duct, which then passes to a louvre on the outside wall. There is no additional fan in this larger duct.

Fresh air make up is currently from grills in the floor, which are meant to pull in air from the air bricks, however some air bricks have been blocked up and there is no way to quantify this fresh air supply as ambient conditions could alter this

#### **Key Assumptions:**

- Each changing room sized at approx. 5m x 3.5m x 2.8m tall
- 20 ACH
- Total 0.75 m3/hr extract and supply air rate
- Extract and supply air fans with speed controllers
- Electric heater to lift temperature of incoming air to +18 deg. above background ambient temp.
- Up to 40m of both extract and supply air ductwork with dampers and grill inlet/outlets
- Mechanical and electrical fit

#### **Key Exclusions:**

- Any wall/roof penetrations required for ductwork
- Field wiring to fans/controllers (final connection by BWF)
- Scaffold or any other access plant

**£9,500.00 plus VAT**

For the Meeting Room and Canteen, we would recommend a Mitsubishi Electric heat recovery system, this reclaims heat from the extracted air and transfers it to the fresh incoming air. This would be installed in the roof void and connect to the room via a range of ductwork and ceiling grills.

**£3,300 plus VAT**



All manufacturing is carried out to BW Fabrications standard specifications closely aligned with BESA (formerly HVCA) DW/172 recommendations.

**Note! Unless otherwise stated, we will need a 30 Amp fused power supply at the control panel before we start the installation. If you would like us to price the electrical supply, then please do not hesitate to ask. If we need to make a return visit to commission the system, then this will be charged at our standard rates.**

### **Exclusions**

1. Any other parts/labour not specifically mentioned or implied. Any other parts that are found to be defective during the execution of the above specified repairs will be deemed as extras and charged accordingly so. Labour would be at our normal hourly rate.
2. Any builder's work including making good. We have assumed that any roof or wall penetrations as well as structures to support the weight of our items will be provided by others.
3. Fire Rated Ductwork. All ductwork is of standard non-fire rated construction unless specifically quoted as such
4. Scaffolding and / or edge protection for safe roof access.
5. Field wiring. Please ask for our wiring diagrams for details of what will be required
6. Any gas interlock systems. We have assumed that gas interlock systems are either not required or will be fitted by others
7. Relocation of existing service runs (water, gas, electric)
8. Out of hours working. Any hours outside of 0800 to 1700 Monday to Friday.
9. Infill panels above canopy. Where the canopy roof does not reach the kitchen ceiling, some clients require the gap to be infilled.
10. Mechanical installation phased over a number of visits. This is sometimes required to interface with other works on site.
11. Removal of plastic protective film from canopy. Our canopies are protected by a plastic film which for continued protection, we leave in place post installation
12. Consents or authorisations required. We cannot be held responsible for failure to gain any consents from landlords, neighbours or planning authorities prior to our works.

### **Warranty**

Applies to items supplied by **Carlton Services** only, 12 months from date of installation.  
Misuse, damage or repairs by others will void the warranty

### **Payment**

30% Upfront  
Net 28 days from date of invoice

### **Terms and conditions**

As per Carlton standard terms and conditions for service and repair, Copy available upon request.

### **Validity**

Prices are valid for 30 days from the date of this estimate. Orders placed after this period may be subject to re-negotiation.

We trust this estimated order of costs meets with your full approval but should you require any additional information please do not hesitate to contact us.

Assuring you of our best attention at all times,

Yours faithfully

Adam Carlton  
**adam@carltonservices.co.uk**



[www.carltonservices.co.uk](http://www.carltonservices.co.uk)

[www.carltonsales.co.uk](http://www.carltonsales.co.uk)

