

10252 - The Hall School - Godwin Scheme  
ES02 - SCHEDULE OF VENTILATION EQUIPMENT

EQUIPMENT	EQUIPMENT REF	LOCATION	QUANTITY	FLOW RATE (l/s)	DUTY (Pa)	MANUFACTURER	PRODUCT REF
EXTRACT GRILLE	EG/B1/01	LG - GENERAL PURPOSES ROOM	1	200	20	Brooke Air	Square Diffuser IC4 450x450
EXTRACT FAN	EF/B1/01	LG - NORTH ESCAPE	1	200	120	Nuaire	Dave - DE3
EXTRACT VALVE	EV/B1/01	LG - BOYS TOILET	6	6	22	Brooke Air	KK100
EXTRACT VALVE	EV/B1/02	LG - MALE STAFF CHANGE	4	6	22	Brooke Air	KK100
SUPPLY DIFFUSER	SD/B1/01	LG - BOYS TOILET	1	36	2.5	Brooke Air	Square Diffuser IC4 450x450
SUPPLY DIFFUSER	SD/B1/02	LG - MALE STAFF CHANGE	1	24	14	Brooke Air	Square Diffuser IC4 450x450
SUPPLY DIFFUSER	SD/B1/03	COOPER HALL	1	470	10	Swegon - Flowbar	FL-20-HT / 51mm Slot
TRANSFER GRILLE	TG/B1/01	Cooper Hall	1	190	5	Brooke Air	E5G - EXP - PER
EXTRACT FAN	EF/00/01	00 - ACCESSIBLE WC	1	6	20	System Air	BF Silent 100HT
SUPPLY COWL	SC/01/01	00 - NEW CLASSROOMS	3	240	10	Fairhaven Roof Cowls	RA300/315 (Size 2)
SUPPLY COWL	SC/01/02	00 - NEW SCIENCE LAB	1	280	10	Fairhaven Roof Cowls	RA300/315 (Size 2)
SUPPLY COWL	SC/01/03	01 Roof	1	30	6	Nuaire	TSTS-A
EXTRACT ROOF COWL	EC/00/01	LG - GENERAL PURPOSES ROOM	1	200	13	Nuaire	TSTS-A
EXTRACT COWL	EC/01/01	00 - NEW CLASSROOMS	3	240	16	Fairhaven Roof Cowls	RA300/315 (Size 2)
EXTRACT COWL	EC/01/02	00 - NEW SCIENCE LAB	1	280	16	Fairhaven Roof Cowls	RA300/315 (Size 2)
EXTRACT COWL	EC/01/03	01 Roof	1	30	6	Nuaire	TSTS-A
EXTRACT VALVE	EV/00/04	00 - ACCESSIBLE WC	1	6	10	Brooke Air	KK100
MVHR	MVHR/00/02	00 - NEW CLASSROOMS	3	240	50	Caladair	Everysky 900 Premium Be Diva
MVHR	MVHR/00/03	00 - NEW SCIENCE LAB	1	280	50	Caladair	Everysky 900 Premium Be Diva
EXTRACT VALVE	EV/02/01	02 - ART KILNS & LOBBY	1	100	16	Brooke Air	Circular Diffuser Size 8
EXTRACT FAN	EF/02/02	02 - FEMALE WC & SHOWERS	1	36	70	System Air	K 100 EC Sileo
EXTRACT FAN	EF/02/01	02 - ART KILNS & LOBBY	1	100	60	System Air	Prio 150EC Circ Duct Fan
EXTRACT VALVE	EV/02/03	02 - FEMALE WC & SHOWERS	6	6	22	Brooke Air	KK100

Proposed Extract Fan to serve Extension WC

Proposed Mechanical Ventilation with Heat Recovery to extension class rooms

**NOTES:**

1. All mechanical ventilation units selected in line with Part L maximum specific fan power (SFP) requirements.
2. Units to be provided with anti vibrational mounts.
3. Units to be provided with localised OEM controllers

**ADDITIONAL:**

These equipment schedules are issued in line with the level of design development at the date of issue.  
The contractor shall select final equipment based on the subsequent work stages up to and inclusive of the requirements of RIBA stage 4iii installation design. The contractor shall satisfy themselves of the site dimensions and relevant installation details for specific items of equipment and interdependencies of plant items. All equipment selected shall be issued as technical submittals for approval by the Engineer. Equipment ordered against Elementa equipment schedules shall be entirely at the contractors risk.

