



SMITH & LONG™

SMITH AND LONG MECHANICAL LIMITED
Formerly Main Air Systems
115 Idema Road
Markham ON L3R 1A9

Mechanical • HVAC Services • Electrical • 24 Hour Response
T 905.670.7015 F 905.670.7019 www.smithandlong.com

Work Order # 159887 Details

Call Type	PreventiveMaint
Caller	Michael Sokolowski
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003564
Date Completed	Aug. 20, 2020 - 5:55:59 a.m.

Site Information

168 Huron Avenue / HWDSB Fessenden
168 Huron Avenue
Ancaster, ON L9G 1V7
Phone: (000)000-0000

Billing Information

Hamilton Wentworth District School Board
20 Education Court
Hamilton, ON L9A 0B9

Work Requested

- o Check for particulate accumulation on filters, replace filter as needed if material is already on-site. Verify filters are sized and installed correctly. Clean and remove louver obstructions.
 - o Check all motors and fans operate correctly. Grease/oil as required.
 - o Check belts are tight and in good condition.
- Replace as required.
- o Check variable-frequency drive for proper operation.
 - o Check drain pans for cleanliness and proper slope. Check P-trap on drain pan for proper operation. Clean as required.
 - o Verify control dampers operate properly.
 - o Confirm equipment is bringing in outdoor air and removing exhaust air as intended.

Equipment Name: Servi-HVAC

Model:

Manufacturer:

Serial Number:

Work Requested

- o Check for particulate accumulation on filters, replace filter as needed if material is already on-site. Verify filters are sized and installed correctly. Clean and remove louver obstructions.
 - o Check all motors and fans operate correctly. Grease/oil as required.
 - o Check belts are tight and in good condition.
- Replace as required.
- o Check variable-frequency drive for proper operation.
 - o Check drain pans for cleanliness and proper slope. Check P-trap on drain pan for proper operation. Clean as required.
 - o Verify control dampers operate properly.
 - o Confirm equipment is bringing in outdoor air and removing exhaust air as intended.

Work Performed

Aug. 11, 2020
Arrived on site- Met with janitorial staff.
2 A/Cs located in room 106.
1 portable change-air unit.
Only 1 of 6 portables at school- original list provided stating that there were 6 portables at school, but 5 have been removed from school property.
Aug. 20, 2020
Returned to site. Serviced all rooftop exhausters.

Equipment Name: window A/C

Model: A 1051

Manufacturer: Electrohome

Serial Number: n/a

Work Performed

Aug. 11, 2020
Turned on breaker serving circuit for A/C.
Inspected evap/cond coils.
Tested A/C operation- unit not blowing cold air, suspect compressor not starting- unable to safely remove unit from wall to further troubleshoot- unit mounted 10ft. off floor.



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Equipment Name: Window A/C

Model: A 1051

Manufacturer: Electrohome

Serial Number: n/a

Work Performed

Aug. 11, 2020
Inspected cond/evap coils.
Tested A/C operation- found all to be operational at this time.

Equipment Name: Change Air Unit

Model: CAE 1000A PA VP D

Manufacturer: Change Air

Serial Number: 0983 0258H

Work Performed

Aug. 11, 2020
Gained access to portable. Found no call for cooling from controller. Jumpered inside unit for cooling call. Found damper motor used for opening of condenser fan louvers defective. 24VAC out to damper motor, but not opening. Disconnected linkage rods to damper motor and checked louvers.

Louvers able to move freely.
Damper motor must be replaced.

Will look into damper motor replacement and send quotation.

Equipment Name: exhauster1

Model: GB-161-5-X

Manufacturer: Greenheck

Serial Number: 05H23349

Work Performed

Aug. 19, 2020
No belt on exhauster, no spare in unit. Turned on, tested motor operation- all ok. Bearings in good condition.
Unit requires belt

Equipment Name: Exhauster2 (EF183)

Model: AF1545

Manufacturer: Woods Power Ventilator

Serial Number: 95787/2/24

Work Performed

Aug. 19, 2020
Fan is D.D.
Inspected motor, bearings. Tested operation- all ok at this time. Reliability unknown due to age of exhauster.

Equipment Name: Exhauster3 (EF184)

Model: AF1545

Manufacturer: Woods Power Ventilator

Serial Number: 95787/2/10

Work Performed

Aug. 19, 2020
Removed top cover. Found no power at line side of switch. Walked around school looking for exhauster switch/breaker where fan would be turned off. Unable to locate. Spoke with Mike- school custodian- was informed that some of the exhausters are controller by Siemens BAS.

Fan is D.D. , motor shaft spins freely.



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Equipment Name: Exhauster4

Model: GB-081-4-X

Manufacturer: Greenheck

Serial Number: 06B06700

Work Performed

Aug. 19, 2020
Shut off power.
Inspected bearings/pulleys/belt. All in good condition. Bearings do not require grease. Re-installed belt, tested operation- found all to be operational at this time.
Belt- 1 of 3L200.

Equipment Name: Exhauster 5 (EF186)

Model: AF1042

Manufacturer: Woods Power Ventilator

Serial Number: 95255/2/48

Work Performed

Aug. 19, 2020
Fan is D.D.
Inspected motor, bearings. Tested operation- all ok at this time. Reliability unknown due to age of exhauster.

Equipment Name: Exhauster6 (EF187)

Model: nameplate missing

Manufacturer: Woods Power Ventilator

Serial Number: nameplate missing

Work Performed

Aug. 19, 2020
Removed top cover. Found no power at line side of switch. Walked around school looking for exhauster switch/brraker where fan would be turned off. Unable to locate. Spoke with Mike- school custodian- was informed that some of the exhausters are controller by Siemens BAS.

Fan is D.D. , motor shaft spins freely.

Equipment Name: Exhauster7 (EF188)

Model: nameplate missing

Manufacturer: Woods Power Ventilator

Serial Number: nameplate missing

Work Performed

Aug. 19, 2020
Removed top cover. Found no power at line side of switch. Walked around school looking for exhauster switch/brraker where fan would be turned off. Unable to locate. Spoke with Mike- school custodian- was informed that some of the exhausters are controller by Siemens BAS.

Fan is D.D. , motor shaft spins freely.



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Equipment Name: Exhauster8 (EF189)

Model: AF1042

Manufacturer: Woods Power Ventilator

Serial Number: 95255/2/32

Work Performed

Aug. 19, 2020
Fan is D.D.
Inspected motor, bearings. Tested operation- all ok at this time. Reliability unknown due to age of exhauster.

Equipment Name: Exhauster9

Model: no nameplate

Manufacturer: Delhi

Serial Number: no nameplate

Work Performed

Aug. 19, 2020
Found disconnect turned off, unit without belt, no spare in unit. Motor shaft spins freely.

Equipment Name: Exhauster10 (EF190)

Model: AF1042

Manufacturer: Woods Power Ventilator

Serial Number: 95255/2/97

Work Performed

Aug. 19, 2020
Fan is D.D.
Inspected motor, bearings. Tested operation- all ok at this time. Reliability unknown due to age of exhauster.

Equipment Name: Exhauster11 (EF191)

Model: AF1545

Manufacturer: Woods Power Ventilator

Serial Number: 916844

Work Performed

Aug. 19, 2020
Removed top cover. Found no power at line side of switch. Walked around school looking for exhauster switch/breaker where fan would be turned off. Unable to locate. Spoke with Mike- school custodian- was informed that some of the exhausters are controller by Siemens BAS.

Fan is D.D. , motor shaft spins freely.

Equipment Name: Exhauster12 (EF192)

Model: AF1545

Manufacturer: Woods Power Ventilator

Serial Number: 95787/2/17

Work Performed

Aug. 19, 2020
Fan is D.D.
Inspected motor, bearings. Tested operation- all ok at this time. Reliability unknown due to age of exhauster.

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Equipment Name: Exhauster13 (EF193)**Model: AF1545****Manufacturer: Woods Power Ventilator****Serial Number: 916845****Work Performed**

Aug. 19, 2020
Fan is D.D.
Inspected motor, bearings. Tested operation- all ok at this time. Reliability unknown due to age of exhauster.

Equipment Name: Exhauster14 (EF195)**Model: AF1042****Manufacturer: Woods Power Ventilator****Serial Number: 95255/2/82****Work Performed**

Aug. 19, 2020
Fan is D.D.
Inspected motor, bearings. Tested operation- all ok at this time. Reliability unknown due to age of exhauster.

Equipment Name: Exhauster15 (EF194)**Model: AF1545****Manufacturer: Woods Power Ventilator****Serial Number: 95787/2/6****Work Performed**

Aug. 19, 2020
Fan is D.D.
Inspected motor, bearings. Tested operation- all ok at this time. Reliability unknown due to age of exhauster.

Summary**Labor Detail**

Technician	Equipment	Labor Type Id	Date	Hours
Thomas Herridge	SV-HVAC	MECH	2020-08-11	2
Thomas Herridge	SV-HVAC	MECH	2020-08-19	3
Total				5

Material / Misc / Flat Rate Details

Equipment	Item	Description	Quantity
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Customer Signature

Customer Name: n/a

This receipt may not reflect all applicable charges due to Smith & Long, and should not be considered as final. Final charges will be as detailed on your invoice sent following this service call.

[Location Upon Signature](#)