



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 # 159885 Details

Call Type	PreventiveMaint
Caller	Robert Hinich
Date Created	2020-08-04
Purchase Order	PO# 01577
Job #	S003562
Date Completed	Aug. 21, 2020 - 5:54:15 a.m.

Site Information

73 Melville Street /HWDSB Dundas Central
73 Melville Street
Dundas, ON L9H 2A2
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:

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Work Performed

Aug. 21, 2020
Arrived on site. Gained roof access. Performed inspections on various equipment on roof.

Equipment Name: HRV (new)

Model: RG 5500

Manufacturer: Tempeff

Serial Number: ORD000794

Work Performed

Aug. 20, 2020
Unit controlled by BAS.
Lubricated all necessary bearings, inspected all damper linkages, lubricated as needed.
Was able to temporarily manually open fresh air/plenum section dampers and adjust dampers inside unit via controller as needed for testing.
Put VFDs into manual mode and confirmed Supply Air and Exhaust Air fan operation.

All motors are D.D. and operating within VFD parameter limits.
Filters in good condition.
Filters: 4 of 20x24x2"pl



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Equipment Name: Exhauster1

Model: 6B-121-4X-QD

Manufacturer: Greenheck

Serial Number: 15848243 19D

Work Performed

Aug. 20, 2020
New Exhauster.
Checked condition of bearings/pulleys- All ok, bearings not requiring lubrication.
Belt in good condition.
Belt- 1 of 3L190R
Exhauster operational at this time.

Equipment Name: RTU-2 SAF

Model: TCD080A300AA

Manufacturer: Trane

Serial Number: 036106874

Work Performed

Aug. 20, 2020
Filters clean, but installed backwards, corrected filters. Condensate drain plugged, cleared all debris out of pan and drained water. Unit without p-trap.
Blower motor D.D.
Connected gauges, tested fan and A/C operation of unit- all operational at this time.
Reliability unknown due to age of RTU.

Filters- 2 of 16x25x1"pl

Equipment Name: RTU-1 SAF

Model: BTC100GU00DC

Manufacturer: Trane

Serial Number: C43145114D

Work Performed

Aug. 20, 2020
Found compressor electrically disconnected by others. Checked continuity of compressor windings- compressor grounded.
Continued inspection- Filters and belt in good condition. Inspected pulleys, bearings- found to be ok. Tested fan/economizer operation- found all to be ok.

Filters- 4 of 16x25x1"pl

Belt- 1 of A37

Unit should be replaced if cooling capacity is required, rather than repaired due to age.

Equipment Name: Exhauster2

Model: AF 1545

Manufacturer: Woods

Serial Number: none

Work Performed

Aug. 20, 2020
No Power at unit disconnect.
Fan D.D. propeller style.

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Equipment Name: Exhauster3**Model: AF1545****Manufacturer: Woods****Serial Number: none****Work Performed**

Aug. 20, 2020
No Power at unit disconnect.
Fan D.D. propeller style.

Equipment Name: Exhauster4**Model: AF-2182****Manufacturer: Woods****Serial Number:****Work Performed**

Aug. 20, 2020
Fan is D.D. propeller style.
Inspected motor, fan blade. Found all to be ok.
Tested unit- found all to be operational at this time.

Equipment Name: Exhauster5**Model: AF 2182****Manufacturer: Woods****Serial Number: none****Work Performed**

Aug. 20, 2020
Fan is D.D. propeller style.
Inspected motor, fan blade. Found all to be ok.
Tested unit- found all to be operational at this time.

Equipment Name: Supply Fan 1**Model: 213-H****Manufacturer: Sheldons****Serial Number: 603977-2****Work Performed**

Aug. 20, 2020
Inspected bearings- found to be ok.
Bearings recently greased by others.
Removed fan guard- checked condition of pulleys and belts- found ok.
Filters in good condition.
Bypassed BAS control- Tested fan operation- found all to be operational at this time.
Filters- 4 of 20x36x2"pl
Belts- 2 of BX63.

Summary**Labor Detail**

Technician	Equipment	Labor Type Id	Date	Hours
Thomas Herridge	SV-HVAC	MECH	2020-08-20	4
Total				4



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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](#)