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	Billing Information
73 Melville Street /HWDSB Dundas Central	Hamilton Wentworth District School Board
73 Melville Street	20 Education Court
Dundas, ON L9H 2A2	Hamilton, ON L9A 0B9
Phone: (000)000-0000	

## **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.
- Check all motors and fans operate correctly. Grease/oil as required.
- 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.
- 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

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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.

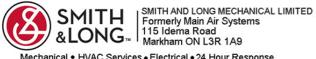
Lubricated all necessary bearings, inspected all damper linkages, lubricated as needed.

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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Model: 6B-121-4X-QD

**Equipment Name: Exhauster1** 

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 Serial Number: 036106874 Manufacturer: Trane

#### **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.

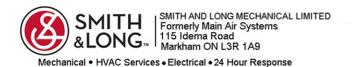
**Equipment Name: Exhauster2** Model: AF 1545 **Manufacturer: Woods** Serial Number: none

**Work Performed** 

Aug. 20, 2020

No Power at unit disconnect.

Fan D.D. propeller style.



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**Equipment Name: Exhauster3** Model: AF1545 <u> Manufacturer: Woods</u> **Work Performed** 

Aug. 20, 2020

No Power at unit disconnect. Fan D.D. propeller style.

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

**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.

Model: 213-H **Equipment Name: Supply Fan 1** 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.

Manufacturer: Sheldons

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

# **Customer Signature**

MA

## 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**