

DATA SHEET FOR RESIDENTIAL FURNACE REPLACEMENTS



City of Mississauga
Planning and Building Department
300 City Centre Drive
Mississauga, ON L5B 3C1
www.mississauga.ca/zoning

ADDRESS OF PROPERTY	DATE

1. Total Building Heat Loss		BTUH	<input type="checkbox"/>	KW	<input type="checkbox"/>
Total Building Heat Gain		BTUH	<input type="checkbox"/>	KW	<input type="checkbox"/>

2. New Heating Unit	Make				
	Model	Fuel			
	Input	Output			
	Unit Certified by	C.S.A. <input type="checkbox"/>	C.G.A. <input type="checkbox"/>	U.L.C. <input type="checkbox"/>	
	Supplementary Heat	BTUH <input type="checkbox"/>	KW <input type="checkbox"/>		

NORMAL OPERATION			HIGH STATIC OPERATION		
Air Supply		CFM	Air Supply		CFM
Motor Size		HP	Motor Size		HP
External S.P.		in W.C.	External S.P.		in W.C.

3. Add-on Cooling Unit or Heat Pump Data	(indicate existing <input type="checkbox"/> or new <input type="checkbox"/>)				
Make		Model: Indoor Unit		Outdoor Unit:	
Cooling Capacity		BTUH <input type="checkbox"/>	Tons <input type="checkbox"/>	Coil Pressure Drop	

4. Furnace E.S.P.		Coil Pressure Drop		Duct System Pressure Drop	
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Existing Return Air Grilles			New Return Air Grilles		
Location	Size & Type	Free Area Sq.in. or CFM	Location	Size & Type	Free Area Sq.in. or CFM
Existing Total			New Total		
Required Total			New Total		

Notes to Table:

- CFM = Free Area in sq.in. x 3.47
- Free Area = Measured grille face area x (65% for steel), (80% for steel floor) or (50% for wood floor) grille.

6. Supply Trunk Size(s) at plenum.	
Return Trunk Size(s) at plenum.	

7. Design Temperature Rise		°F (TEMPERATURE RISE SHALL NOT EXCEED MFR'S MAXIMUM OR 90°F, WHICHEVER IS LESS)
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8. Existing Combustion/Ventilation air for fuel fired units has been check and was found to be		
<input type="checkbox"/> Sufficient	<input type="checkbox"/> Not Sufficient	<input type="checkbox"/> Corrections Will Be Made

9. NO return air grilles shall be located in an enclosed furnace room.
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10. When an existing masonry chimney is used, its condition must be verified for safety and an approved liner or vent shall be installed to comply with the Energy Act, as appropriate.

SIGNATURE		TELEPHONE	
	(designer/contractor)	FAX	

COMPANY	
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