HEAT PUMP COMMISSIONING REPORT[7]

Customer's Name:		**Address**:	
Heat Pump Equipment Information			
Manufacturer:		Model#	Outdoor Unit# Indoor Unit#
Heating capacity (BTU/h)		HSPF	
Cooling capacity (BTU/h)		EER (35°C)	
Design air flow (CFM)		SEER	
Variable speed HP compressor	YES / NO	Thermal balance point (°C)	
Duct design static pressure (IWC)			
Existing Heating System Being Replaced		Electric forced air w/out AC Electric forced air w/ AC Electric zonal Air-source heat pump Natural gas furnace Other non-electric heating: _____	
Supplemenary/Backup Heating System		Electric forced air w/out AC Electric forced air w/ AC Electric zonal Natural gas furnace Other non-electric heating: _____	
All tests performed in Test Only/Check Charge mode			YES / NO / NA
External Static Pressure Test and Airflow			
Outdoor Air Temperature (°C)			
Test performed in heating or cooling mode?		Heating (if ≤18°C) / Cooling (if >18°C)	
Unit of Pressure Used		Supply Static Pressure	
Return Static Pressure		External Static Pressure	
Compressor suction pressor		Compressor head pressure	
Airflow at Evaporator (CFM)		Measurement method used	Trueflow/ Fan Curve / Temperature split / Other_____

[7] Installation of air-source heat pumps and air conditioners, CSA Standard C273.5-11 and Performance Tested Comfort Systems (PTCS) Air-Source Heat Pump Form

Refrigerant Charge Test			
Heating Mode		**Cooling Mode**	
Supply Air Temperature (SAT)		Discharge Pressure	
Return Air Temperature (RAT)		Discharge Temperature (DT)	
Temperature Split (SAT – RAT)		Liquid Line Temperature (LLT)	
Expected Temp Split from Performance table		Sub Cooling (DT – LLT)	

Controls	
Is the control system an Integrated Control?	Yes / No
Control system make and model	Manufacturer: Model:
Compressor Low Ambient Lockout Control Setting at 3°C or less?	Yes No installed/Disabled Non-electric backup No
Supplementary/auxiliary heat lockout has been set to:	2°C <2°C

Power Draw			
Outdoor temperature into Outdoor unit		Outdoor unit power (A)	
Indoor dry bulb temp. into indoor coil		Fan motor power (W)	
Indoor wet bulb temp. into indoor coil		Total unit power (W)	
Temperature of suction line		Temperature of liquid line	

Duct Leakage (applicable for Ducted Systems only)			
Test method used	Duct Blaster / Blow Dorr Subtraction / Other: _____		
Exiting system duct leakage (CFM)		Leakage % reduction [(Existing – Post)/Existing]	
Post installation duct leakage (CFM)		Total % leakage (Post/Design)	
Notes:			
The ASHP is designed and installed accordance with CAN/CSA C273.5 and other applicable codes and standards.			
Installer's Signature:		**Date:**	
Installer's Full Name:		**Company Name:**	