Heat Pump Water Heater Checklist

	Existing	New Heat Pump Water Heater	Notes
Make			
Model			
Age of water heater		N/A	Googling the serial number of your water heater can help determine the date it was manufactured.
Approx. how many years until the water heater requires replacing	(12 – current age) = years remaining approx. _____ years		If your existing water heater has less than 3 years of its expected lifespan, you should plan for its replacement, before it fails.
Means of heating	Electric Resistive ☐ Natural Gas Combustion ☐ Other _____	Heat Pump ☐ Hybrid Heat Pump ☐ Other _____	
Operating Modes	Single Stage ☐ Modulating Burner ☐	Heat Pump Only ☐ Hybrid ☐	
Storage Capacity	_____Litres _____Gallons	_____Litres _____Gallons	Make sure the new water heater will match the existing units storage capacity, or the needs of your home.
First Hour Rating	_____ Typical Gas Storage Type = FHR ≥ 67 gallons per hour at 135°F outlet temperature	_____ Typical HPWH = FHR ≥ 50 gallons per hour at 135°F outlet temperature	
Unit Efficiency	Eff _____ UEF _____ Typical Gas Storage >55Gal = >0.77 EF / >0.78UEF <55Gal = >0.67 EF / >0.64UEF Typical Instant Gas >0.90 EF / >0.87UEF	Eff _____ UEF _____ Typical HWHP Storage >55Gal = >2.20 EF / >2.2UEF <55Gal = >2.00 EF / >2.00UEF	Notice the difference in operating efficiency associated with a heat pump unit, since the system moves heat rather than generating it.
Est Annual Operating Costs	$_____ Elec Resistive = $377 Nat Gas Unit = $98	$_____ HPWH = $89	
Reason for Replacement	Old unit failed unexpectedly ☐ Existing unit reaching end of life ☐ Other _____	N/A	
Size of space	(Length) x (Width) x (Height) = Volume of space = _____ cubic feet	(Length) x (Width) x (Height) = Volume of space = _____ cubic feet	

Min space required for Installation	N/A	Check installation requirements _____ cubic feet required *Typically a HWHP requires 1000 cu.ft of space*	Make sure the space requirements are satisfied to ensure sufficient air flow for the new unit
Ducting required to achieve min space required for Installation?	N/A	Yes ☐ No ☐	Ducting may be required if space requirements are insufficient
Does space temperature reach 5C or 60C?	N/A	Yes ☐ No ☐	HPWH must be located in areas that do not experience freezing temperatures.
Means of directing condensate to drain nearby?		Yes ☐ No ☐	
Electrical Requirements of water heater	120VAC 15Amp ☐ 120VAC 20Amp ☐ 240VAC 25 Amp ☐ 240VAC 30Amp ☐ 240VAC 40Amp ☐	120VAC 15Amp ☐ 120VAC 20Amp ☐ 240VAC 25 Amp ☐ 240VAC 30Amp ☐ 240VAC 40Amp ☐	If a HPWH is replacing a gas water heater, you may need to upgrade the electrical outlet and/or panel. Be sure to ask if this is needed and included in the installation cost.
Ability to connect via App to water heater?	Yes ☐ No ☐	Yes ☐ No ☐	
Installation Cost	N/A	Parts _____ Labor_____ Total_____	
Available Incentives/rebates	N/A	Yes ☐ No ☐	
Warranty	N/A	Years _____	A 6-year warranty on the water heater itself is common