

Heating and Cooling Quote from Brown Mechanical Services Ltd

Type of Installation	High Efficiency Furnace & Air Purification System Carrier HE 2-stage furnace	Air Conditioner	High Efficiency Furnace With Air Conditioner	2.5 Ton Low Ambient Heat Pump
Unit Cost and Installation	\$8,656.20	\$6,925.00		\$12,250.00
Notes	Premier One air purification system installed in ductwork Most cost-effective installation for heating	3 Ton air conditioning package including outdoor A/C unit, evaporator coil, <u>and electrical</u>		Packaged with Carrier Air Handling Unit with 15 kW electric heat backup. An electric furnace / air handler with 15 kw backup heat draws 62.5 amps at full output.
Ducting Requirements	Existing Ductwork Sufficient for main areas; new ducting to 3 bedrooms is costed under A/C ducting.	Existing Ducting Too Small for either heat pump or A/C. Must replace existing ducting, provide new ducting to 3 bedrooms & increase return air ducting.		Existing Ducting Too Small for either heat pump or A/C. Must replace existing ducting, provide new ducting to 3 bedrooms & increase return air ducting.
Ducting Cost low end	\$0.00	\$8,000.00		\$8,000.00
Ducting Cost high end	\$0.00	\$10,000.00		\$10,000.00
Framing and Insulation for Ducting	Not required	Not quoted - Cost must be added when known		Not quoted - Cost must be added when known
Electrical Requirements	Existing Electrical Box Sufficient	Heat Pump requires 30-40 Amps, 240 Volt Must increase size of electrical service or remove existing 100 Amp service. Requires BC Hydro's involvement to increase electrical service.		Must increase size of electrical service or remove existing 100 Amp service. Requires BC Hydro's involvement to increase electrical service.
Electrical Cost Estimate low end				\$5,500.00
Electrical Cost Estimate high end				\$6,000.00
Total Cost Low end	\$8,656.20	\$14,925.00	\$23,581.20	\$25,750.00

Total Cost High end	\$8,656.20	\$16,925.00	\$25,581.20	\$28,250.00
Cost per Share			\$327.52 - 355.29 per share	\$357.64 - \$392.36 per share