



## The Stratus EnviroHome

Builder:	Effect Home Builders
Location:	Edmonton
Year Built:	2009
EnerGuide Rating:	86
Size and Volume:	2056 Feet <sup>2</sup> and 25076 Feet <sup>3</sup>
Air Changes per Hour:	0.63 ACH
Equivalent Leakage Area:	23.07 ELA
Exterior Wall Insulation:	R-24 (Insulating Concrete Form construction)
Attic Insulation:	R-50
Basement Insulation:	R-24 (Insulating Concrete Form construction) and R-7.5 under the slab
Windows:	Triple pane, double low-e, argon filled
Space Heating Appliance:	Condensing boiler
Water Heating Appliance:	Indirect water tank heated by condensing boiler and solar collectors



## The Dahlia

Builder:	Avalon Master Builder
Location:	Calgary
Year Built:	2009
EnerGuide Rating:	91
Size and Volume:	1750 Feet <sup>2</sup> and 21104 Feet <sup>3</sup>
Air Changes per Hour:	2.19 ACH
Equivalent Leakage Area:	79.1 ELA
Exterior Wall Insulation:	R-27.5
Attic Insulation:	R-40
Basement Insulation:	R-27.5 and R-10 under the slab
Windows:	Triple pane low-e North & East / Double pane low-e South & West
Space Heating Appliance:	Geo Thermal
Water Heating Appliance:	Solar Thermal in combination with on-demand



## The Laebon CHESS Home

Builder:	Laebon Homes
Location:	Red Deer
Year Built:	2009
EnerGuide Rating:	96
Size and Volume:	2746 Feet <sup>2</sup> and 26162 Feet <sup>3</sup>
Air Changes per Hour:	1.28 ACH
Equivalent Leakage Area:	54.9 ELA
Exterior Wall Insulation:	R-52.5
Attic Insulation:	R-80
Basement Insulation:	R-56 and R-20 under the slab
Windows:	Quad pane
Space Heating Appliance:	Primary: Solar Thermal Backup: Geo Thermal
Water Heating Appliance:	Primary: Solar Thermal with DHW storage tanks Backup: Electric on-demand

