



Ground Source Fact Sheet for Contractors and Dealers

- Ground Source systems have a lower life-cycle cost than conventional systems, even in hot and humid regions where the demand for air conditioning is high.
- Energy costs with Ground Source typically are 25 to 50 percent less than other HVAC systems.
- Ground Source can reduce energy consumption and corresponding emissions by over 40 % compared to air source heat pumps, and by over 70% compared to electric resistance heating with standard air-conditioning equipment, according to the US EPA.
- Surveys by utilities indicate a higher level of consumer satisfaction for Ground Source systems than for conventional systems. US-based polls indicate that more than 95 % of all Ground Source customers would recommend Ground Source to a family member or friend.
- Ground Source offers design flexibility because the roof and landscape are free of chillers, air handlers and other outdoor equipment. Further, boiler rooms can be eliminated and the size of mechanical rooms can be reduced.
- The elimination of outdoor or rooftop equipment means the Ground Source system is not exposed to temperature extremes, dirt, pollution or vandalism.
- Installing just 400,000 Ground Source systems each year could reduce greenhouse gas emissions by over 1 million metric tons of carbon each year. This reduction in carbon emissions is equivalent to converting over half a million cars to zero-emission vehicles, or planting over a million acres of trees.
- Interest in the installation of Ground Source systems is increasing with the elevated awareness of climate change and there is now a shortage of accredited contractors in Australia. We expect this trend to extend to New Zealand.

Ground Source Limited
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High Efficiency Ground Source Heating and Cooling Systems