



200 square meters of solar collection area on the south facing roof heats 20,000 litres of water in a big plastic tank. This preheats the hot water to 16 showers at the facility displacing a predicted 400GJ of energy every year.



Associated Engineering Ltd
www.ae.ca

Hot Sun Industries Ltd.,
www.h2otsun.com
604 298 7095



MINORU AQUATIC CENTER SOLAR WATER HEATER

Solar Thermal for Today

When heating hot water we are actually heating cold water up to hot water temperatures. Half the hot water heating we do is between 10 C and 35C. It makes no sense burning fossil fuels to heat cold water when it can be done with simple inexpensive solar swimming pool heating solar panels.

Traditional solar collecting technology is too expensive to compete with low cost natural gas. The sun is hot. All we need is a simple black heat exchanger with the sun. Solar pool heating has been viable for 40 years and some of the world's best is made right here in BC.

