

### Thermotechnology

Bosch Thermotechnology is represented in the US by two organizations. One is Bosch Thermotechnology Corp., formerly known as BBT North America Corp., and the other is FHP Manufacturing.



Bosch Thermotechnology continues to build upon its market reputation as an innovator and leader in high-efficiency heat and hot water technologies. Several new product introductions in 2008 position the organization to lead this market as consumers develop a heightened awareness toward fuel efficiency and sustainable energy use.

The division is introducing technologies that improve the reliability and availability of fuel-efficient products and has launched a new line of Buderus solar thermal heating systems. Bosch Thermotechnology has invested heavily in developing state-of-the-art

equipment to effectively capture the sun's energy to heat and store hot water for residential and commercial applications. Such systems include flat plate solar collectors that collect and transfer solar thermal energy into usable heat for hot water. The new solar collectors seamlessly integrate with Buderus solar water storage tanks, pump stations and controllers, providing customers with an easy-to-install solar thermal heating solution.

Additionally in 2008, the next generation of Bosch tankless water

FHP Manufacturing released the highest efficiency geothermal heat pump in the US market, promoting lower utility bills year round. The heat pump operation is extremely quiet, requires no fossil fuels and uses the innovative R-410A refrigerant that helps to preserve the earth's ozone layer.

heaters will become available in the North American marketplace. Engineered to deliver higher hot water flow rates while maintaining an energy efficiency of 92 percent, these water heaters continue to save energy, reduce CO2 emissions and contribute to Bosch's commitment toward energy independence.

FHP Manufacturing is a leading US manufacturer of electric geothermal and water source heat pumps for the heating and air conditioning of residential and commercial buildings. Acquired by Bosch in early 2007, FHP offers

a wide product range, including systems with an output of up to 220 kilowatts. The business is introducing the innovative Aquarius II, the highest efficiency heat pump in the US market today. The Aquarius II series can save up to 70 percent on heating and cooling costs when compared with traditional systems.

Since 1970, FHP Manufacturing has been one of the top companies in its field and the Aquarius II Series will maintain and strengthen the growth trajectory of the company.