



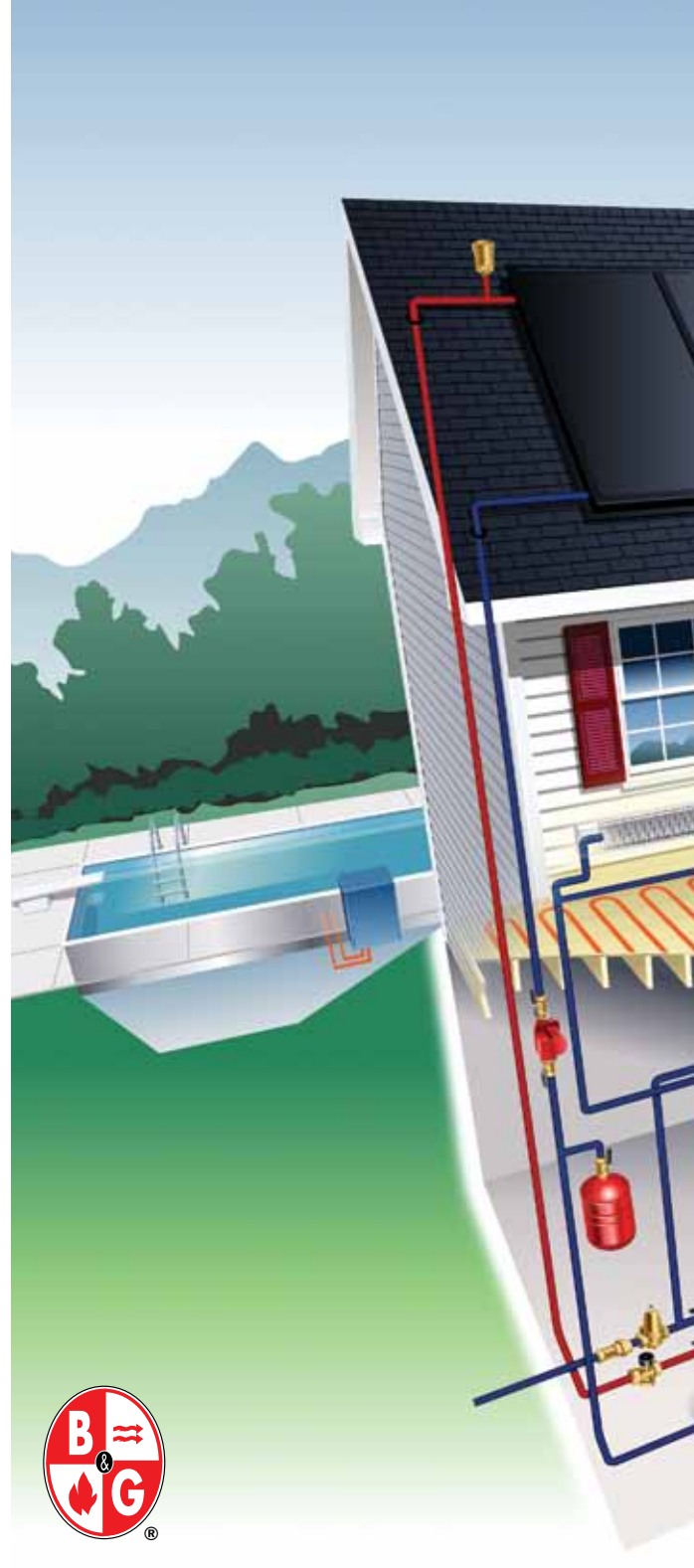
Solar Energy Solutions for Hydronic Systems

A-101

We put our energy into creating smart solutions.

By some estimates the HVAC industry accounts for 20 percent of the world's energy use. As a global company with unsurpassed technical resources, Xylem puts every effort into maximizing the efficiency of our products. In fact, our Bell & Gossett facility in Morton Grove, IL, has been at the forefront of solar-hydronic research since 1972. Our commitment is to provide the products and support our customers need to continue the advancement of renewable energy systems.

Today Xylem is respected the world over as a leading producer of energy-efficient products and services. Bell & Gossett products are designed to easily integrate into solar-hydronic heating and domestic hot water systems. With over 35 years' experience in the application of solar heat to conventional hydronic systems, we can help you deliver the energy efficiency that your customers demand.



The earth receives more energy from the sun in just one hour than the world uses in a whole year.

Source: www.solarbuzz.com

In many climates, a solar heating system can provide up to 85% of domestic hot water energy.

Source: www.solarthermal.com

Flow Control Valves, Air Separators and Air Vents

Bell & Gossett hydronic specialty products make systems more efficient, operate quieter and last longer.



Check-Trol® is a flow control, isolation valve and companion flange all in one compact valve.



Expansion Tanks

Bell & Gossett expansion tanks are designed to absorb the force of thermal expansion for hydronic heating and domestic potable water systems.



NRF 3-Speed Circulators

Energy-saving maintenance-free circulators with variable speed and zone controls.



ZoneTrol™ II

Provides DHW priority timer, post-surge function and pump exercise in an economical and user-friendly package with available energy-saving outdoor reset controls.



Pressure Relief and Safety Relief Valves

Bell & Gossett bronze ASME safety relief valves offer the highest BTUH rating available in the marketplace for valves of their size. Available in a wide range of pressure settings.



Automatic Air Vents are designed to vent troublesome air from the system.

EASB®-Jr. air separators remove entrained air, including micro-bubbles, for quieter and more efficient systems.



PSH – Primary Secondary Header

Combination air separator and manifold that creates independent primary and secondary circuits. Separates and vents air from the system, and separates and collects impurities in the circuits for better efficiency and operation.



With more than 90 years of hydronics and HVAC systems experience, Bell & Gossett delivers the knowledge you need to design a system that fits your application. We can provide a complete line of hydronic components to build a system that meets your unique specifications. And because we're part of Xylem, the largest pump manufacturer in the world, you can feel confident you'll get tough, high performing products you can depend on.

xylem
Let's Solve Water

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, Illinois 60053
Phone: (847) 966-3700
Fax: (847) 965-8379
www.xylem.com/brands/bellgossett

Bell & Gossett is a trademark of Xylem Inc. or one of its subsidiaries.
© 2011 Xylem Inc. A-101 January 2009