



IMT Presents Backflow Preventers Program

IMT ARMATUREN passion for valves goes back to the year 1972 when it was founded in Au/St. Gallen, Switzerland, where its headquarters is still located today. A few years later, IMT founded in Borgosesia, Italy, its own manufacturing plant where all products are engineered and manufactured. The company has a certified quality system management according to ISO 9001. Besides that, it has obtained worldwide numerous certificates such as DVGW, TÜV, SVGW, OVGW, ETA, US, Canada CSA, UL and FM and Australian AGA. Among IMT products you can find ball valves for heating, gas and potable water, safety devices, air vents, and a wide range of products for solar applications. Some years ago, in a context of a fast growing world population and climate change with water resources in danger, the company started working to develop a program of



IMT valve

products to preserve safe potable water. IMT Backflow Preventers program covers many areas of use, whenever the quality of drinking water in the main distribution network must be protected against the contamination from the backflow of connected units both in domestic and public environment. The Backflow Preventers work according

to the Reduced Pressure Principle, the three-chamber system, where the intermediate pressure zone, separated from the other two through a check valve, can be vented to the atmosphere. This occurs automatically when the pressure drop between upstream and intermediate pressure zone reaches the value of 0,14bar. ■

Ideal Solar & Wind Powered Systems

The Swiss based company **Trunz Water Systems** develops, manufactures and distributes solar and wind powered systems for water purification and desalination in remote areas. Designed to provide relief to communities and camps affected by a lack of safe drinking water and power supply, the Trunz Water

Systems can purify water from almost any polluted freshwater source, including rivers, creeks, and wells. Moreover, some of the systems which are equipped with a reverse osmosis system are able to remove chemicals and salt. A main benefit of the systems is their exceptionally low energy consumption and thanks to

the renewable energy supply the units deliver additional electricity to power computers or recharge small appliances. If necessary, the units can be mounted on a trailer and easily relocated. The systems are complete with a borehole pump, solar racks and ready for installation. All of the Trunz Water Systems require low maintenance and are specially designed to work under harsh conditions. The capacity depends on the raw water quality and ranges from 2,000 to 50,000 liters a day. The units are exceptionally energy efficient, independent, compact and environmentally friendly (no ongoing fuel costs). Trunz Water Systems belongs to **Trunz Group** which manufactures the units in Switzerland. With a production area of 18,000 m² and modern, high-tech equipment, the ISO certified company guarantees highly professional competence and Swiss quality. Up to now, over 800 systems are already operating in more than 40 countries all over the world. ■



Trunz Water System