

Media Release

Global Communications

Georg Fischer Piping Systems Ltd.

Ebnatstrasse 111
8201 Schaffhausen
Switzerland
www.piping.georgfischer.com

Katharina Aeschlimann
Public & Media Relations Manager
Phone +41 (0) 52 631 33 74
katharina.aeschlimann@georgfischer.com

Frankfurt, March 15, 2011

Water distribution – hygienic, comfortable, sustainable

Georg Fischer JRG presents innovative system solutions for building technology at ISH 2011 from March 15 to 19. The stand F 57 in Hall 4.0 occupies 300 sq.m. floor space and features a new design. The exhibition focus is on comfortable, hygienic and sustainable applications for plumbing and heating installations. Live demonstrations of many new products and applications are another attraction.

The new iJOINT compression joint for water supply will be premiering at ISH. This new compression fitting made of polypropylene is another innovation from the house of Georg Fischer. Rounding off the product showcase at ISH is the new diaphragm valve for industry, which has already won several awards for its revolutionary technology.

On March 16 and 17, GF JRG is hosting a symposium on the subject of “Drinking water hygiene in hospitals and the liability of planning engineers“ in the Congress Center on the fairgrounds. Dr. Klaus-Dieter Zastrow, member of the board of the German Society for Hospital Hygiene, and Thomas Herrig, attorney specializing in building and architectural law, will discuss various aspects of actual cases.

Modern building technology

With its line of products for modern building technology, the global corporation is once again positioned at ISH 2011 as a leading provider of piping systems, offering comprehensive solutions from one source. The many new products on display demonstrate how important innovation in building technology is at GF JRG and how new products are continually being developed to meet market demands. Our team of specialists will be glad to show you the latest product innovations personally.

JRGUTHERM 2T

In hospitals, apartment buildings and hotels, proper circulation of drinking water is vital. The circulation controller JRGUTHERM 2T facilitates circulation calculation and is maintenance-free. Using this controller saves energy because heating stages are significantly reduced.

The JRGUTHERM 2T regulates the volume flow of two operating states (circulation operation and thermal disinfection operation) via seat valves; as a result the controller is not susceptible to malfunctions. The two operating states are each regulated by a thermostat. For circulation operation, the temperature can be set between 36°C and 60°C and for thermal disinfection between 70°C and 75°C. All water-conveying parts are made of red brass, copper, chrome steel or high-quality plastic (PPSU).

New improved Sanipex Classic – angle seat valves with loose nut

To enable shorter installation lengths, the Sanipex Classic system has been supplemented with two special angle seat valves. It is now possible to replace the existing top part with a KRV top (combined with return flow inhibitor). Also, a bore for drain valves was added, which can be equipped with a close-off plug.

The valves are suitable for all Sanipex Classic applications up to PN 16 and 90°C. A Sanipex Classic torque wrench is available for mounting on both sides. The angle seat valves with stagnant-free JRG LegioStop tops have a transition to JRG Sanipex with a loose nut on one side and the regular Sanipex contour on the other. The threaded connectors for the drain valves are closed off with a 3/8" plug. The housing

consists of red brass and has a polished, non-rising valve stem and a valve seat made of stainless steel. The seals are made of EPDM and the handwheel is plastic.

Sampling valve

To supplement the GF JRG valve program, we are pleased to present another article in the range of valves. The sampling valve has a metal-to-metal seal and serves to take water samples for chemical and microbiological analyses according to relevant norms and standards. The stainless steel outlet elbow is flame treatable for disinfection purposes.

Pre-insulated pipes per EnEV

Georg Fischer JRG has expanded its ML pipe offering with pre-insulated multi-layer composite pipes, for greater energy saving and reduction of CO² emissions. They are primarily used in drinking water installations as well as feed lines to radiators and heating connections.

The insulation not only complies with DIN 1988-2 (Table 9), but also meets the stringent requirements of EnEV 2009 (energy saving ordinance). According to this, insulation is also compulsory for cold distributors and cold water pipelines in ventilation and air conditioning technology similar to heat distribution pipes.

The insulation we use in our piping systems has the advantage that it fulfills the DIN EN ISO 12667 requirement for thermal conductivity (0.035 W/mK), thereby satisfying the highest insulation requirements for piping systems.

In addition, the new insulation has had a positive effect on fire protection so that we now comply with the “flame resistant” classification of building materials class B-s1, d0 according to EN 13501-1. This is equivalent to the former building materials class B1 according to DIN 4201, e.g. the material does not develop smoke or burning droplets.

JRGUTHERM 2T



The circulation controller JRGUTHERM 2T saves energy
(Photo: GF Piping Systems, 2010)

Improved Sanipex Classic– I-A fittings with loose nut



Angle seat valves were modified to include a loose nut
(Photo: GF Piping Systems, 2010)

Pre-insulated pipes per EnEV



Satisfying highest requirements in thermal insulation
(Photo: GF Piping Systems, 2010)

New stand design of GF JRG



Water distribution: hygienic, comfortable, sustainable

(Photo: GF Piping Systems, 2010)

Georg Fischer – Adding Quality to People's Lives

GF Piping Systems is one of three companies within the Georg Fischer group and a leading supplier of plastic and metal pipe systems with a global market presence.

Our portfolio offers connection technology, fittings, fixtures, sensors and pipes for the treatment and distribution of water as well as the safe transport of industrial fluids and gases. GF Piping Systems supplies leading innovative technical solutions for domestic engineering applications, the chemical process industry, food & beverage, life sciences, the microelectronics, shipbuilding, water and gas supply industries as well as potable water treatment. Our distributors in more than 25 countries and representatives in a further 80 countries guarantee customer service around the clock. Production facilities in Europe, Asia and the US are customer focussed and comply with all local requirements. Georg Fischer's registered offices have been located in Schaffhausen, Switzerland, since the company was founded in 1802.

Key figures - GF Piping Systems 2010

More than 4700 employees worldwide (as of 1 March 2011)

1176 million CHF turnover

137 million CHF EBIT (earnings before interest and taxes)

Further information is available from www.piping.georgfischer.com