A leading home appliance manufacturer has chosen the LF 3600 and LIQUIfit® products for its new drinks dispenser.

Market: Life Sciences
The company has chosen the Parker Legris products for its new drinks dispenser.

Application
An American multinational manufacturer and marketer of home appliances commercializes a highly recognized brand in Brazil. This company has just launched a new very innovative drinks dispenser enabling the preparation of 24 types of hot, cold and gaseous drinks. Its operation is very simple: the user only has to insert the adequate capsule, then the system automatically identifies the preparation mode and dispenses the selected drink in a few seconds. For this new appliance, the customer was searching for new reliable and high performance components.

Solution
LF 3600 and LIQUIfit® push-in fittings are the ideal solution to equip the dispenser, as these two ranges are perfectly adapted to water and beverages applications thanks to:
- their mechanical and chemical resistance to pressure and high temperatures
- no fluid contamination of fluids
- their reliability and full leakage
- their compactness.
In parallel, the customer has also selected the polyethylene Advanced PE 50% reticulated, to replace standard copper tubing. Indeed, this range is designed for water treatment and provides the best balance between flexibility and pressure/temperature resistance. Compared with the standard connection solutions, the Parker Legris products have contributed to the cost saving and weight reduction for the appliance.

Working temperature: +130 °C
Working pressure: 8 bar
Compatible fluids: water and food liquids

Rules
- Component materials perfectly adapted to the demanding requirements of water and beverages applications
- Cost saving
- Weight reduction
- Ease of use vs standard solutions thanks to the push-in connection and 50% reticulated tubing replacing the copper tubing
- Quality of water ensured, absence of bacteria, hydrolysis and hard water

Key Success Factors

Working pressure: 8 bar
Compatible fluids: water and food liquids