

# AiCARR Journal

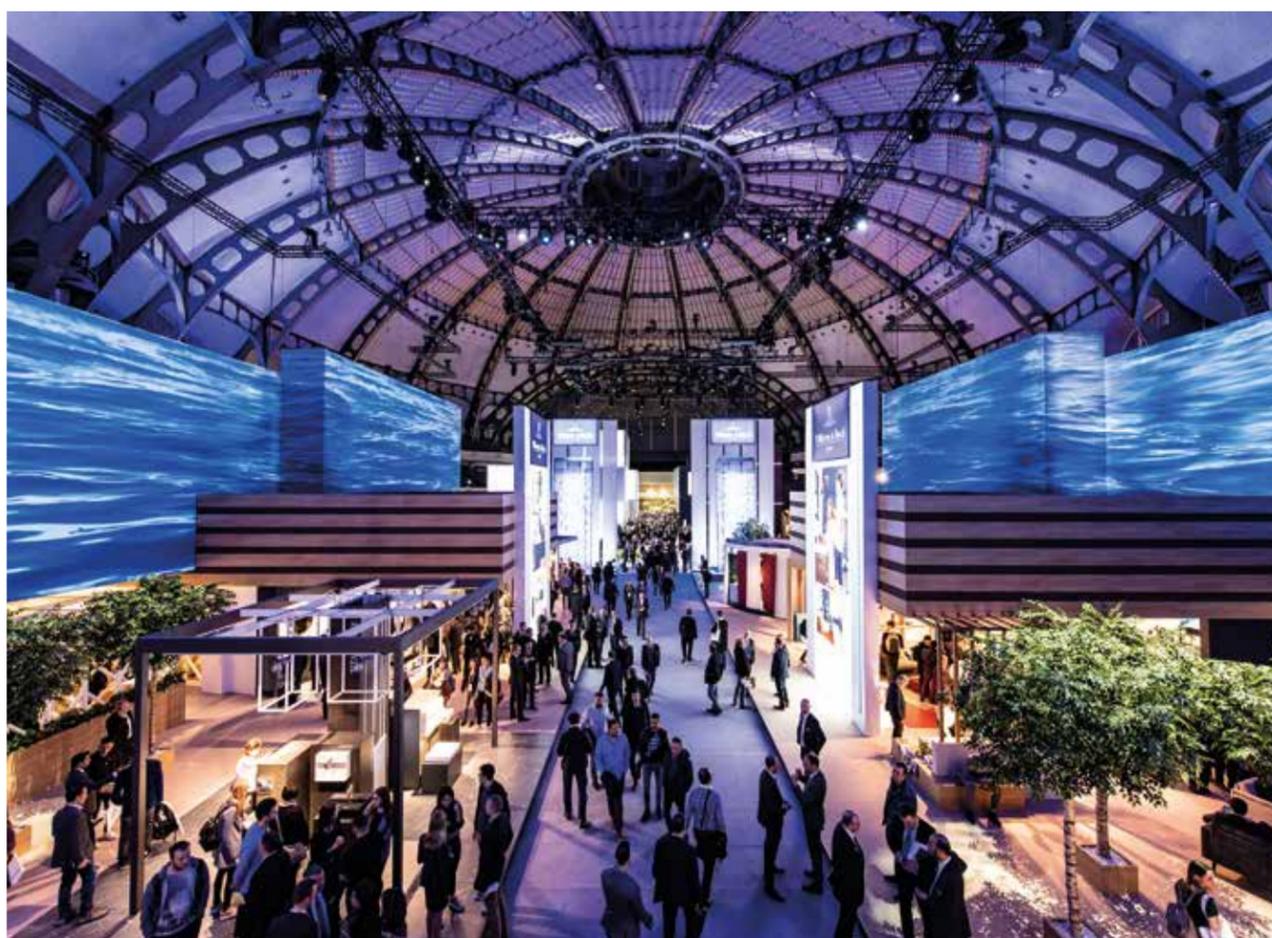
LA RIVISTA PER I PROFESSIONISTI DEGLI IMPIANTI HVAC&R

CASA&LIMA

BLU &  
ROSSO

Il Giornale dell'  
Ingegnere

Installatore  
PROFESSIONALE



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WITH STEFAN SEITZ

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NEWS AROUND  
THE WORLD

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## CIRCULAR ECONOMY A SYSTEM CAPABLE OF REVERSING THE COURSE

by Antonio Galloro and Daniela Suriano



Our planet is not in possession of anything that is “unlimited”, and this also goes for its ability to pro-

duce new resources. Examples of circular economy in the energy sector.

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## SCENARIOS HEAT PUMPS AND REDUCTION OF DEPENDENCE ON NATURAL GAS

by Michele De Carli, Marco Marigo, Laura Carneletto and Filippo Busato



The results of a study show that heat pumps in a residential environment could be crucial in a decarbonisa-

tion perspective. To get them off the ground, a long-term strategic plan would be needed.

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## TRIBUTE TO ARMANDO GUGLIELMI

**CENTO** is the new collection of taps and fittings designed by Alessandro Zambelli to celebrate 100 years since the birth of Armando Guglielmi, the finest possible tribute to the founder of Guglielmi Rubinetterie. A tribute to his vision and the future he believed in. In the sophisticated manner that belongs to Alessandro Zambelli's creativity, the Cento collection recounts the tension towards dynamism that characterized the artistic avant-gardes of the early decades of the 20th century and the attraction for pure forms that inspired rationalist experiments in architecture and design. A new milestone in the history of the company, which today is an established reality in the world market, meeting the strictest standards in terms of innovation, technologies oriented towards reducing water consumption, sustainability of materials and production processes. To the technical and aesthetic quality that belongs to every Guglielmi collection, Alessandro Zambelli has added his very personal, essential and contemporary style, creating an innovative and attractive collection, with a rigorous yet refined and expressive image. Cento is available as a single-lever mixer and three-hole mixer in the finishes PVD Brushed Pale Gold, PVD Black Nichel (Gun Metal), PVD Nichel e Matt Black.

[www.guglielmi.com](http://www.guglielmi.com)



Hall 4.1 | B04

## IVAR

## HEATING AND SANITARY SYSTEMS

IVAR will bring innovative solutions for new generation systems with heat pumps, heat and domestic water metering systems, satellite modules and other solutions for the prevention of legionellosis, in addition to mixing and distribution units for radiant systems. Wireless thermostats, thermostatic heads, press fittings and sanitary manifolds complete the range. Among the leading products we find the swiveling magnetic dirt separator with triple filtering action **Dirtstop® XL**, the ideal solution even in systems with high flow rates. The metal parts of the heating system are subject to corrosion effects, which release ferrous impurities into the water. Other impurities may also be present, for example due to limescale, and they



Hall 6 | B10

tend to accumulate in the system parts with reduced transit sections, causing obstructions, noise or other malfunctions. **Dirtstop® XL** combines effective, long-lasting protection with great ease of installation. Its patented insert creates a cyclonic motion and performs an initial separation of non-ferrous impurities.

Subsequently, the action of the dual 12000 Gauss neodymium magnet and 800 µm mesh strainer complete the filtration, which is facilitated by the large available volume for accumulation of impurities. Regular cleaning of the dirt separator is a fast and safe procedure which does not require draining down the system.

[www.ivar-group.com](http://www.ivar-group.com)

## LIRA

## PVD COLOR COLLECTION

Lira's **Basket drain fitting**, an essential accessory in high quality sinks, is available in a rich variety of finishes: satin, bright and pearl, in the colors Chrome, Anthracite, Bronze, English Bronze, Copper, Iron, Nickel, Gold, Gold 24K and White Gold. It is suitable for sinks in stainless steel, synthetic materials and ceramic. It has a diameter of 90 mm to speed up the drainage system



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and eliminate the formation of blockages, promoting greater hygiene in the pipes. The large grill plug, removable and easy to clean, collects the residues left after washing the dishes. It is made of polypropylene with a stainless steel grill, it is available with or without overflow and complies with UNI EN 274 standards.

[www.lira.com](http://www.lira.com)