

**New Air Stop Drain Valve:**  
**Manufacturer:** Hebmüller GROUP, aerospace division  
**Point of use:** New duplex use in aircraft galleys and lavatories  
**Specs:** Reduced crack pressure of max. 200mm opening height.



# A WORLD INNOVATION – REDUCING SIZE, WEIGHT, COST, AND CONSTRUCTION TASKS

**World innovation featuring versatile minimized Air Stop Drain Valve for duplex use in lavatories and galleys. Decreasing size and weight in peripheral equipment behind cowling creates a versatile solution in aircraft gray water handling**



Design Prototype of Special Valves. Photo: Harry Flint

Discussing size and weight has been storyteller’s most comprehensive undertaking for decades. How can the instruments needed to provide onboard aircraft comfort be optimized securing latest standards?

Germany’s Hebmüller GROUP with its aerospace division has now come up with a world innovation featuring versatile Air Stop Drain Valves for duplex use in lavatories and galleys. New designs offer a reduced opening height to create a better handling in limited build space.

Current Airstop Drain Valves such as the Hebmüller VR10-3A offer a reduced installation space compared to other valves. These valves achieve this through an opening height of maximum 500mm and thus set the standard in gray water disposal in galleys. However, such Air Stop Drain Valves and the compact design cannot usually be used in lavatories due to the opening height.

Now this industry known valve specialist was able to create an even lower level of opening height offering a maximum 200mm crack pressure within one automated gray water solution in combination with a small installation space at reduced weight. Improved design combined with implemented adaptations from recent product lines will be displayed at Hamburg for the first time.

**Explore this world innovation valve right at AIX booth 6F121.**

Understanding this new level of performance reveals one very important advantage. Hebmüller’s new Air Stop Drain Valve offers duplex use due to the shorter length of the supply hose. Placing the all-new optimized valve closer to the sink allows for variations in construction.

Smaller parts with long run output in size and weight reduction keep bringing evolution into the aircraft cabin. Integrated brackets help with the attachment of the valves. Resistance against oblique pulling under use is provided.

The interchangeability of first-party parts gives aircraft manufacturers and service providers a long-term advantage in cost and construction. This new all in one Air Stop Drain valve does the job of equivalent previous types.

The family-managed Hebmüller GROUP is known for a full line of valves, regulators, couplings, hoses, mixers, heat exchangers and catalyzers, helping to raise production efficiency and save resources in various industries worldwide.

Customized valve solutions to the aircraft industry have been provided over the past AIX shows.

[www.hebmuller.group](http://www.hebmuller.group)

**About Hebmüller GROUP:**

Full line of standard and highly interchangeable valves. Specialist in customized valve solutions.

Family managed.  
 CEO: Axel Hebmüller

Headquarters: Kaarst, Germany  
 USA Office: Johnson City, TN

