

# STAGED FILTRATION SYSTEM

THE NEXT STEP IN MELT FILTRATION TECHNOLOGY

- **Modern Efficiency:**
  - Easy to use - High rate of operator acceptance
  - Highest possible inclusion removal
  - Innovative compact design
- **Flexible Technology:**
  - Use 1 or 2 filter elements as production demands
  - Just drain between casts to change alloys
- **Economic Integrity:**
  - Low installation and variable operating costs
  - Use industry-standard size filter elements
  - Use conventional preheat burners

SELEE Staged Filtration is a highly efficient process for removing inclusions from molten aluminum. A filter bowl with a second-stage, finer-pore filter element directly below the first-stage element is the answer to increased quality requirements for fabricated aluminum products.



### SELEE Reliability:

Aluminum casting know-how  
Thirty years of experience  
Application Engineers  
In-house design



The Ceramic Foam Filter of SELEE® structure functions as a deep-bed filter, retaining inclusions throughout its depth. Increasing filter thickness and decreasing filter pore size magnifies the deep-bed filtration effect incrementally. SELEE's licensed staged filtration technology achieves this significantly heightened effect by allowing the use of two filter elements of progressively finer pore size, resulting in maximal inclusion-capture efficiency.

To learn more about how staged filtration technology will benefit your aluminum casting operation, please contact the SELEE technical sales representative in your area.



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