

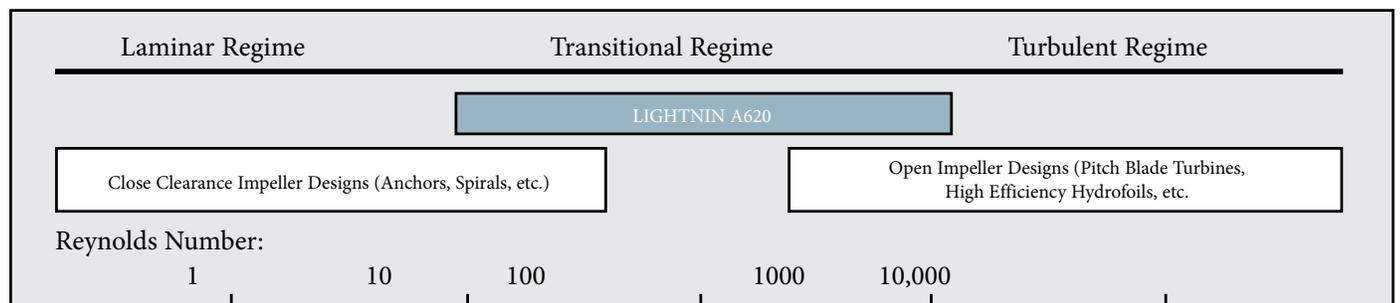
A-620 Impeller

FOR TRANSITIONAL FLOW REGIME - MEDIUM TO HIGH VISCOSITY FLUIDS

The Lightnin A620 impeller has been designed and tested specifically for improved mixing performance in transitional flow regime blending applications. Certain applications, including smaller vessels and blending non-Newtonian materials, will benefit from the unique advantages of the A620 designs. Common examples include: personal care products, heat transfer applications, polymerizations and asphalt products.



| FEATURES OF A-620 | BENEFITS OF A-620 |
|--|---|
| Low blade profile | Can pass into vessels with limited manway openings |
| Low power number | Large D/T with lower torque |
| Large impeller diameter to tank diameter ratio | Lower power required for bulk motion, blending and heat transfer applications, especially in high viscosity and/or non-Newtonian fluids |
| Reversible design | Impeller can be run clockwise or counter clockwise for process flexibility |
| Separation of inner and outer blades | Lower turbulence, smooth transition, more flow, less power |
| More efficient transitional operation | Less power required than open impellers for bulk motion, lower cost than close clearance impellers (anchors/spirals) |
| Axial flow pattern | Better process uniformity in the vessel from top to bottom |



The A620 fills the gap between open impeller designs and close clearance designs.

Double Blade Design for Total Versatility

- Developed and tested using exclusive Laser Doppler Velocimeter (LDV) technology.
- Multiple, offset impellers design allows easy installation through minimum manway openings.
- Reversible design provides either (1) down-pumping at shaft and up-pumping at impeller blade tips, or (2) up-pumping at shaft and down-pumping at blade tips for application flexibility.
- Available in a wide range of materials, sizes and finishes for use in suitable applications.

Lightnin Lab & Tech Center

Maximum Technology -

The ultimate in customer service - At Lightnin, customer satisfaction is more than just a goal. It's a promise. One of the ways we deliver is by providing you with the ultimate customer service: process and mechanical testing at no charge in the Lightnin Lab & Test Center. Located in Rochester, NY, this 1,850 sq. meters (20,000 sq. foot) facility gives you access to the most advanced research and development technology in the industry. Our highly skilled application engineers and research technicians work closely with you to determine exactly which mixer configuration is best suited to your needs.

Maximum Flexibility -

Three ways to test for the best result

- 1) We can test your actual materials.
- 2) We can test a substitute material with similar properties if the product cannot be shipped off-site.
- 3) We can run full-scale performance tests for you - on or off-site.

SPX FLOW, Inc. - Global locations

USA

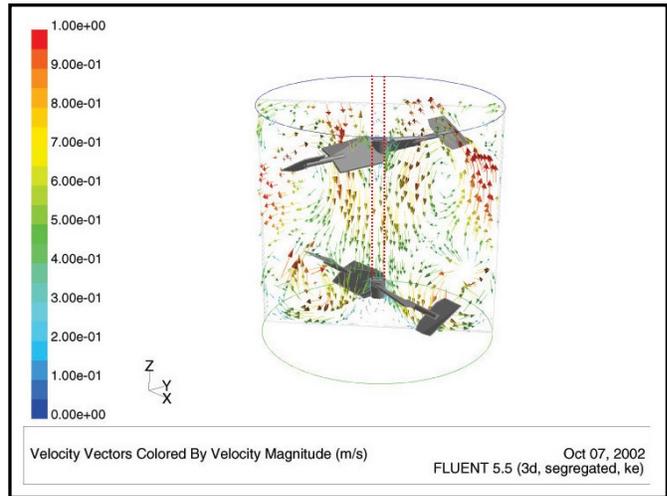
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Computational Fluid Dynamics Modeling Used In A620 Development Process

Call the SPX FLOW Experts

For more information about the Lightnin A-620 Impeller or to discuss your application, contact your local SPX FLOW Sales Representative below.

For other Sales locations click
www.lightninmixers.com/contacts/where-to-buy/
or use your SmartPhone and the QR Code



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