



LIGHTNIN

KT-3 Impeller

Designed for Chemical, Industrial and Sanitary Applications

The KT-3 impeller is a three bladed impeller specifically designed for use as a close clearance lower impeller in a dish or shallow cone bottomed tank with a bottom outlet.

The KT3 impeller minimizes solids settling and prevents cavitation of the pump suction by swirling the tank contents and sweeping solids towards the outlet. This asymmetric “wave” pattern in the bottom dish also shortens drainage times by keeping the product flowing into the pump. The KT-3 does not “suspend” solids. However, this wave action constantly sweeps the bottom of the dish allowing for solids to move downward towards the outlet. Its main purpose is to eliminate solids from the tank bottom.

- Low power consumption
- Easily retrofittable
- Removes most (~100%) of solids in dished vessel



KT-3 in Action

The KT-3 impeller is specifically designed and shaped to sit inside and nearly parallel to the tank bottom profile of an ASME dish or shallow cone. Its performance has been evaluated at multiple scales with significant results.

In one case, a solids heel was reduced 98.9% by adding the KT-3. The KT-3 is patented by Dow Chemical and licensed for sale exclusively by LIGHTNIN, An SPX Brand.



A310 kicker to the left, product still visible in tank.



KT-3 kicker to the left, no product left in tank.

Service

SPX Flow Technology Services

- Repair Services
- Equipment Services
- PM/PDM Services
- Additional Services
 - Installation and Startup
 - Maintenance and Repair
 - Asset Management

For 24-hour response, call 1-888-MIX-BEST (U.S. and Canada)

Call the SPX Flow Technology Experts

For more information about the LIGHTNIN KT-3 Impeller or to discuss your application, contact your local SPX Flow Technology Sales Representative.

Or visit our website at www.spxft.com.

Or call 1-888-MIX-BEST (U.S. and Canada)

SPX[®]
WHERE IDEAS MEET INDUSTRY



Your local contact:

G&W Industrial Sales

***915 Emerson Avenue
Parkersburg, WV 26104
304-422-4755
mail@gwindustrial.com***



SPX Flow Technology

135 Mt. Read Blvd., Rochester, NY 14611

Phone: (888) 649-2378 (MIX-BEST), (U.S. and Canada) or +1 (585) 436-5550

E-mail: LIGHTNIN@spx.com

www.spxft.com

For more information about our worldwide locations, approvals, certifications, and local representatives, please visit www.lightninxmixers.com.

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