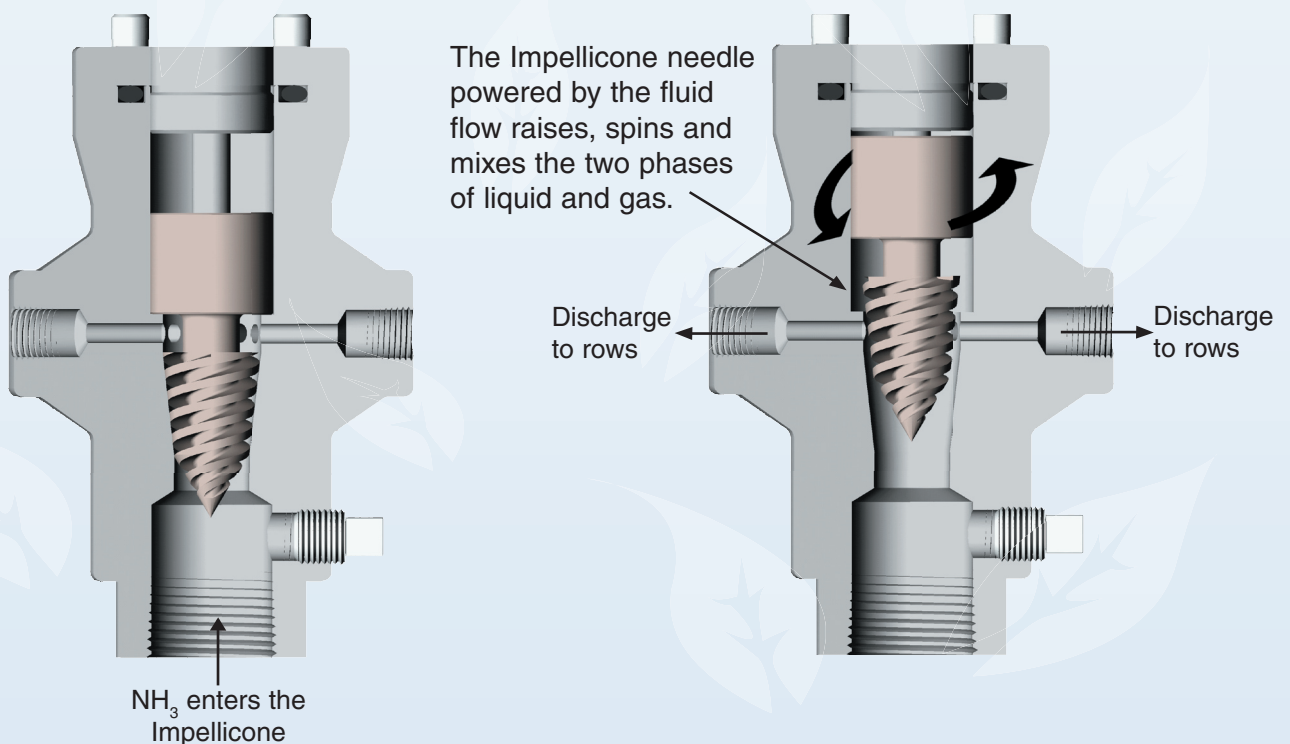


CDS-John Blue Company Introduces the Impellicone A Flow Divider for Anhydrous Ammonia

The CDS-John Blue Impellicone is a flow divider designed for Anhydrous Ammonia (NH_3). It distributes NH_3 to multiple rows across an applicator with the accuracy and flexibility you have come to expect from CDS-John Blue Products. Impellicone's name comes from the unique shaped needle, which spins and mixes the liquid and gas phases distributing them evenly to the number of outlets you need. The CDS-John Blue Impellicone can be used for all NH_3 applications at normal rates, while also offering the flexibility to plug unused outlets without *sacrificing* accuracy. The Impellicone's superior accuracy allows better control of targeted rates greatly reducing the over-application of NH_3 . This will result in less nitrogen leaching, lower crop yield variability and ultimately lowering overall application costs.

The Impellicone concept was researched by Iowa State University and collaboratively developed with and licensed to CDS-John Blue Company. After extensive testing through Iowa State, field trials and a lengthy approval process, CDS-John Blue Company is proud to offer new patent pending technology in two models, the IP-1300 (13-port flow divider) and the IP-1800 (18-port flow divider).

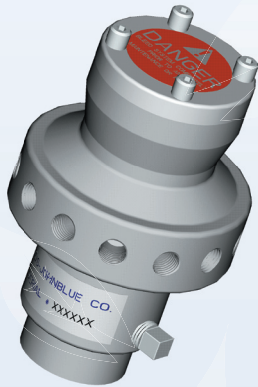
How The CDS-John Blue Impellicone Works



CDS-John Blue Impellicone Flow Dividers

Part Number	Description	Inlet Size	Outlet Size
IP-1300	13 Outlet NH ₃ Flow Divider	1" NPT	1/4" NPT
IP-1800	18 Outlet NH ₃ Flow Divider	1" NPT	1/4" NPT
*IPS-3	3-Port Impellicone Splitter	1" NPT	1" NPT
*IPS-4	4-Port Impellicone Splitter	1" NPT	1" NPT
113989	Manifold Mount		

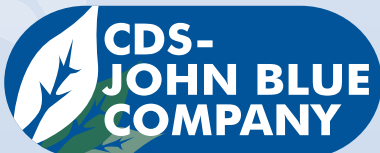
* The CDS-John Blue Precision Splitters should be used when three or four CDS-John Blue Impellicones are used in parallel.



Why Choose the CDS-John Blue Impellicone Flow Divider for your NH₃ Application?

- **Accuracy:** Evenly mixes the gas and liquid portions of NH₃ and distributes accurately to each row.
- **Flexibility:** Allows the end users to plug ports without any loss of accuracy.
- **Simplicity:** A simple design allows for ease of service without removing the distribution lines, however it is recommended that proper handling techniques for NH₃ be used at all times.
- **Variability:** Handles all typical application rates without changing any flow divider parts.

Distributed by:



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