

# METERS - RAVEN

## Accu-Flow



The Raven Accu-Flow system is designed to work in conjunction with Raven SCS Consoles to provide automatic control of anhydrous ammonia applications. Unlike conventional systems on the market, the Accu-Flow system provides continuous and automatic control of anhydrous ammonia regardless of tank pressure, outside temperature, or vehicle speed. Just set the application rate and the console does the rest.

The Accu-Flow system is a complete unit ready to be mounted to your tool bar or field cultivator.

Accuracy is of the utmost importance when applying anhydrous ammonia. Raven's Accu-Flow system provides precise application of NH<sub>3</sub>, and the versatility to fit your equipment. The system allows you to apply nitrogen at a specific application rate per acre. When using the Accu-Flow system with Raven's complete line of automatic rate control consoles, you have the confidence to know NH<sub>3</sub> is being applied accurately, regardless of speed or field conditions.

There is always a certain amount of gas formed in any anhydrous ammonia fertilizer system. And, this gas cannot be metered. However, the Raven Accu-Flow attachment, as part of the SC440 Automatic Sprayer Control System, changes all gas back to liquid before it gets to the meter. This allows you to measure 100% of the NH<sub>3</sub>. Without the Accu-Flow attachment, you really don't know how much anhydrous ammonia is being added to your soil.

The Accu-Flow system is sold as a one valve system, with a 30 GPM super cooler. The system can accurately apply a wide range of application rates, and can apply over 7,500 pounds of nitrogen per hour. You can be sure you are getting the amount of NH<sub>3</sub> you want when you use the Accu-Flow system.

NOTE: The cast iron Flow Meter and carbon steel Regulating Valve are supplied with the SCS440. If you already have an SCS440 System with a poly flow meter and poly regulating valve, it will be necessary to change over.

## Accu-Flow NH3 Super Coolers

### Product Features:

- Extremely accurate
- 97% anhydrous ammonia delivered to the manifold
- 30 GPM Super Cooler
- Variety of control valves to meet your application needs
- Apply in gallons per acre or actual pounds of N per acre
- Accurate application over a wide range of rates
- Easy installation on conventional tool bars and other specialty applicators
- Cooler can be disassembled - Easy cleaning and preventive maintenance
- Single Valve, Dual Valve and Space Saver plumbing kits available



**Great Source for your NH<sub>3</sub> Parts!**

Part Number	Raven Accu-Flow NH <sub>3</sub> Control System
063-0171-157	30 GPM Accu-Flow kit includes Cooler, Mounting Brackets, Mounting Hardware, Temperature Gauge, Pressure Gauge, Vapor & Plumbing Package

**NOTE: An Accu-Flow System, Console Package (Controller) & Speed Sensor are required to complete package.**