



MULCAHY CO.

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Since 1929

# MULCAHY MINUTE

ENGINEERED FLUID HANDLING AND HVAC SOLUTIONS

## AQUA PASS CHEMICAL BY- PASS FEEDER

- Rugged
- Dependable
- Easy to Use

The AQUA PASS chemical bypass feeder features a rugged, dependable chemical solution feeder for boiler, hot and chilled water or other liquid systems. Constructed of Carbon Steel and Made in the USA. The side stream filter cartridge replaces messy filter bags. It is easy to clean and is reusable. The cartridge is mounted on a steel support for easy service. Designed with legs for easy mounting to the floor. Legs also allow for more convenient and effective bottom drainage.

- Available in 2 or 5 gallon with filters kits in 20 or 50 microns.
- In stock at Mulcahy Warehouse and available for immediate shipment!



## Bell & Gossett

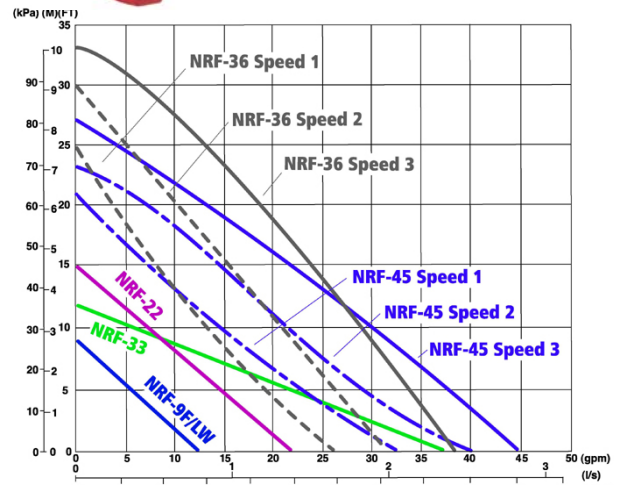
### NRF-36 & 45 3 SPEED

They've arrived!!! The long awaited 3-speed large wet rotor circulators are here.

We are pleased to introduce our newest addition to the wet rotor family, the NRF-36 and NRF-45. These pumps are equipped with 3-speed motors, which allow the pumps to cover a wide range of hydraulic capabilities.



The NRF-36 & NRF-45 are competitively priced. And just like all our NRF wet rotor pumps they are quiet!!!



## GMU GLYCOL FILL PACKAGES

Bell & Gossett is thrilled to now offer Glycol Make-up Units. Our new GMU is designed for glycol solution applications such as closed loop heating and chilled water, process, snowmelt, radiant heat systems.

The GMU30, utilizes a Bell & Gossett ½ HP 3530 pump, PT-5 expansion tank, 3DX-1 triple duty valve and M&M RB-122 low

water cut off switch, making this a true ITT package. The 55-gallon polyethylene tank is provided with scales in both gallons and liters for ease of mixing solutions. The standard unit is designed to provide 10 gallons per minute at 30 psi. For higher pressure systems, the GMU60 provides 5 gpm at 60 psi using a Series

SSV ¾ HP pump. A small control panel mounted on the unit is provided with a green light to indicate power is provided to the unit. The panel also includes a red light and remote contact for low level alarm.

Many custom options available! Contact us for your next specification or installation.



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New website!!

www.mulcahyco.com

ENGINEERED FLUID HANDLING AND HVAC SOLUTIONS

**ABB HAS LAUNCHED AN AC DRIVE AIMED AT APPLICATIONS WHERE REDUCED HARMONICS ARE A PRIORITY. BY: TODD OLMSCHENK**

With an increasing concern among end users and power companies about the harmful effects of harmonics, ABB responds with the ACS800-31 and ACS800-37 Ultra Low Harmonic Drives. Since harmonic distortion may disturb or even damage sensitive equipment, harmonic standards are becoming stricter and there is a growing demand for low harmonic solutions.

The ACS800-31 and ACS800-37 drives offer a compact and simple solution to the problem of harmonics. Low order harmonics are eliminated with an active converter and the high order harmonics with an LCL line filter. The end result is exceptionally low harmonic content in the network; exceeding the requirements of

IEEE519 WITHOUT the need of additional external filtering or multi-pulse transformer arrangements.

The ABB Ultra low harmonic drive operates at unity power factor and is impervious to AC line voltage imbalances up to and exceeding 3%. Harmonic performance is better than both 12- and 18-pulse solutions, and since these drives do not require phase shifting transformers they operate more efficiently and save the hassle and floor space required to install these transformers. As with our award winning ACH550 series, the ACS800-31 and ACS800-37 come with a long list of standard HVAC related features and are versatile enough to meet most any application's requirements.

**ABB**

