

## The Grapoid™ Filter Bag and Cartridge Removal Device

The Grapoid™ removes top removal snap-in pleated and felt bags quickly with very little effort.

Top removal snap-in bags or cartridges provide a very tight seal with the grid plate, providing leak-free operation. But that seal requires considerable effort to loosen during removal. It's common for an installation crew to take breaks after a short time span.

### Solution: The Grapoid™

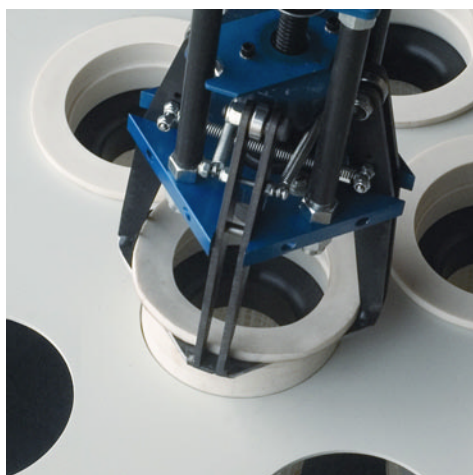
With the Grapoid™ and any standard cordless drill, the hard work is done for you and bag removal goes more quickly. Here's how it works:

1. The Grapoid™ is placed over the bag, and the drill, fitted with a standard 3/8" square bit is inserted into the connector on top of the Grapoid™.
2. When the trigger is pulled, the Grapoid's jaws clinch around the bag, forcing it upward and loosening it from the grid plate.
3. When fully clenched, the drill is stopped and the bag is easily pulled free. The drill is then operated in reverse to release the bag.

A fully charged 12-18v battery can remove up to 300 bags or cartridges.

The Grapoid™ is available in two sizes which can accommodate most known top removal pleated and felt bag sizes.

Patent pending



*This sequence shows how the Grapoid effortlessly breaks the especially tight seal of a pleated bag, allowing easy removal.*



*The Grapoid™ is operated by a standard cordless drill, pneumatic wrench, or hand tool. It can be equipped to remove both pleated and felt bags.*

### Benefits

The Grapoid™ is easy to use and offers many benefits:

- It saves time - it takes about 10 seconds to remove a bag or cartridge.
- It saves money - one worker can do the job that previously required two.
- It eliminates stress and strain on your maintenance people when removing bags.
- There is no damage to bags/cartridges, allowing them to be reused.
- Bags are not dropped into the hopper, so no possibility of internal contamination for those who reuse.