AZ Dewatering Self-Dumping Hopper
A simple and economical method in dewatering sludge

Features and Benefits:

• Two Vertical Filter Panels provide a large filter surface area for rapid dewatering
• Filter back-flush capability
• One-step dewatering in a portable hopper
• Single safety latch for tilting and dumping hopper
• Non-blinding Vertical Filter Panels (do not blind off like horizontal filter media)
• Replaceable filter panels with wide choice in micron size filter cloth

Sizes in: 1/2 to 5 cubic yards

Sludge and slurries can easily be transferred to the AZ Dewatering Self-Dumping Hopper for instant solids separation and dewatering by gravity drainage. Solids/liquid separation can be accelerated utilizing an air diaphragm pump. The air diaphragm pump can be connected to the hopper drainage port located below the safety latch. A strong vacuum is generated as the sludge level covers the drainage port resulting in rapid dewatering. The air diaphragm pump serves two purposes: 1) Accelerates the separation and dewatering process and 2) Delivers the clean liquid to a desired disposal location. Dewatered sludge is mobilized with a fork lift truck for dumping in a large roll-off container, designated dumping station or land farm location.