

Case #2: Plumbing Industry

Objective

Developed a specialized, high-efficiency draining system, to quickly drain water from walk-in tubs designed for people with special needs

Obstacle encountered

- The client was constrained by the competing objectives of high flow rate, safety and a restricted outlet orifice
- They needed to improve the rigidity of the drain without further restricting the flow rate

Advancement that was made

Developed a durable drain that evacuates 21-25 gallons of water a minute, draining a 70-gallon walk-in tub in three minutes.

Example of evidence

- Drawings
- Emails
- Notes
- Samples