Quick Rinse

Compact washing machine rinses away your sweat
Our Product

- Personal-sized
- High pressure water
- 1 minute rinse and dry cycle
Problem?
Problem?
Customer: Gym & fitness center

Over 29,000 fitness centers nationwide

57% of gym users surveyed would pay for the service
Sketch Model Process

Holes for drainage

Press fit base

Blue A
Sketch Model Assembly
Quick Rinse Sketch Model

Blue A
Quick Rinse sketch model
Test Results
Test Results

Pressure: 1400 psi
Rotational velocity: 476 rpm (loaded)
Quick Rinse Performance

Before

10 seconds 20 seconds 30 seconds
Competitors

Personal Portable Spin Dryer

$150
Duration: 2-3 minutes
Speed: 3200 rpm
Competitors

**Personal Portable Spin Dryer**
- Long cycle
- $150
- Duration: 2-3 minutes
- Speed: 3200 rpm

**Industrial Swimsuit Water Extractor**
- Swimwear Only
- $1450
- Duration: 10 secs
- Speed: 6500 rpm
Enclosure Design

Next Steps

Bearings, plumbing, housing
Next Steps

Enclosure Design

Bearings, plumbing, housing

Wash studies

Optimize wash cycle: pressure, spin speed, etc
Next Steps

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Gym Survey
- Unit price, market penetration estimate
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Questions?

Blue A: Alex, Cindy, Felipe, Jack, Jacob, Margie, Philip, Sam, Shuo