



P3 Technologies
Propulsion. Pumps. Power.

Multi-Channel Diffuser (MCD)

The new standard in diffuser technology

Get the technology that pays for itself in less than one year

- Works with both Pumps and Compressors
- Easy to incorporate into new designs or retrofit into existing products
- 20% increase in discharge pressure, or
- 20% decrease in power consumption
- 50% increase in operating range
- Physically smaller
 - 15% smaller (more possible)
 - 25% lower weight
- Longer life
 - Order-of-magnitude lower stress
- Lower cost – a third the cost of comparable diffusers



*Centrifugal Compressors
for Turbine Engines*



*Turbochargers for
Land or Air Vehicles*



*Water Pumps for Swimming
Pools and Municipal Pumps*



*Pumps and Compressors
for Industrial Chillers*



*Turbopumps for
Commercial and
Government Launch*



***Reduces energy consumption billions of dollars annually
and saves our environment from millions of tons of CO2 annually***

www.p3-tech.com

Patent 10,683,873