Firefighter Emergency Cooling System

Project:CO2 Cooled Firefighter Suit for both Pre-cooling and Emergency Cooling SituationsTeam (L to R):Joe Strickland , Karl Hamand, Matthew Walker, Rosalin Irwan, and Nate Mueller

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Results

- Prototype effectively delays body temperature rise
- System provides no impedance to firefighter's working ability
- System extends work time and increases manpower
- System adds only 1.5 Ib of Weight







With Cooling System

Without Cooling System