

# Personal Air Conditioning Suit for Hazardous Environments

Specialized personal air conditioning system designed for use in hazardous environments. It enhances productivity and reduces heat stress.



## ADDITIONAL IMAGES



## Product Overview

### Advanced Thermal Regulation for Hazardous Environments

This individual air conditioning suit utilizes an advanced micro-compression refrigeration unit to establish a controlled micro-climate directly around the user. By absorbing the human body's heat load, it maintains a stable core temperature, which is essential for safety and comfort in high-thermal-limit industrial settings. This technology is engineered to significantly increase working efficiency and extend operational hours for personnel working in demanding conditions.

## Key Features

### Safety & Design

Flame-retardant • High-visibility • Reflective stripes • Integrated protective helmet

### Primary Applications

Petrochemical Engineering, Petroleum Prospecting, High-Heat Industrial Sites, Foreign Engineering Contracting

## Technical Specifications

### Ergonomic Features

- Lightweight construction
- Breathable materials
- Integrated air distribution system
- Durable for industrial use

### Cooling Technology

Micro-compression refrigeration unit

### Suit Configuration

Integrated cooling vest and protective garment