

Overview

Linked Equipment 53' High Cube Extraction Lab

- Designed, manufactured and tested by Linked Equipment, the Linked Equipment 53' Extraction Lab is a fully independent system rated for deployment anywhere that allows for full mobility, security and close proximity to the operation.
- Fully equipped cannabis extraction and processing units with interlocked electrical and emergency system.
- Includes ignition source controls, gas detection systems, and ventilation for both dilution and extraction fan systems.

SPECIFICATIONS

Dimensions

Exterior Dimensions	Length: 53' Width: 8'-6" Height: 9'-6"
Interior Dimensions	Length: 52'-5" Width: 8'-2" Height: 8'-11" Ceiling Height: 8'-3"
Exterior Wall	4.5"
Door Dimensions	Multiple Options Available
Insulation	Thermafiber Fire and Sound Guard Mineral Wool Insulation Batt. Fire rated to 2000°F
Shipping Weight Module	18,000 lbs.



PERFORMANCE

Access Control

Access Control System	Displays the environmental conditions inside the lab before you go in.
Identification at door- Card Reader	Go Keyless - Card or code entry system
Security Doors	UL approved fire rated doors, hinges and hardware. Industrial steel construction with Keyless Entry and 'push to exit' PANIC bar for a quick and easy exit in an emergency.

Fire Protection System

Fire Control System	PYRO-CHEM Monarch Industrial DRY CHEMICAL FIRE SUPPRESSION SYSTEM
Fire Detection	Automatic detection and actuation controls (24-hour protection)
Fire Suppression Agent	Dry Chemical
Horns and Strobes	Outside of buildings

HVAC

Cooling Unit Fan	XPF ROOM AIR CONDITIONER - 36,000 BTU 230/208 VOLTS COOLING ONLY - SAFETY KING. Configured for your lab and local climate.
Optional Explosionproof Heaters	Explosionproof heaters with line for heaters

Safety

Approvals and Standards	Underwriters Laboratories, Inc. (UL), Underwriters Laboratories of Canada (ULC), NFPA Standard 17, NFPA Standard 33, NFPA Standard 34
Atmospheric Sensors	Constant monitoring for unsafe 'Alert' conditions
Backup Power	Transfer Switch
Emergency Exit Signs	Exit sign, tagging all electrical
Emergency systems	Interlocked electrical and emergency systems
Evac-Air System	In the event of an unsafe atmospheric condition, evacuates and replaces the lab air in seconds
Explosion Proof Exhaust Fans	Explosion Proof 12" fan, and 16" emergency fan
Explosion Proof Lights	UL Approved Lighting 2ft or 4ft
Explosion Proof Outlets	Explosion proof two 110v two 240v. Specially designed and built specifically for C1D1 work areas.
Explosion proof switches	Light switch Exp
Eye Wash Stations	Connected to your facility's existing water supply.
Fire Detection	Pyro-Chem Industrial Dry Chemical Fire Suppression System.
Vapor Detection	Sniffer - EXP Multi vapor sensor
Manual Shutdown	EXP Emergency shutdown
Optimization	Co2, Butane, Hexane, Ethanol, R143a, and mixed solvents
Rating	C1D1 / C1D2
Static Free Flooring	industrial flooring rubber style
Strobe & Horn	EXP strobe by front door and strobe & Horn mechanical room
Ventilation	Both dilution and extraction fan systems, 2 outside fans 650 cfm

Power

Maximum Module Power Capacity	240V, 3 Phase, 4W, 60A CB, or 480V, 3 Phase, 3W, 60A. With 60A/3P GD FUSIBLE SAFETY SWITCH W/NEUT 240V NEMA-3R
Internal Lighting	Various Options: Dome, LED, Grow
Emergency Power	Maintains lights, sniffer, horns and strobe in an emergency
Electrical	Electrical components, lighting, and controls are designed to meet C1D1 safety requirements to eliminate these components as potential ignition sources

Linked Equipment, 3454 E Illini Street, Phoenix AZ 85040, USA

Phone: 602-314-6020

Email: info@linkedequipment.com

