## INNOVATIVE COMPRESSED AIR & EQUIPMENT SOLUTIONS



### **Extraction Industry – Chillers**

The extraction of cannabis and derivatives is now processed for a wide range of medical uses and consumer products ranging from food edibles and essential oils to beverages and lotions. Blackhawk Equipment has partnered with several major manufacturers of extraction equipment used in all three of the main extraction methods including supercritical CO2, ethanol, and liquid butane /propane to devise the ideal combination of industrial support equipment needed to operate extraction machines.

Blackhawk Equipment provides ancillary extraction equipment including air compressors, vacuum pumps, refrigerated/heating circulators, and chillers for cannabis extraction.

### Why Blackhawk

- Industrial equipment distributor equipment is suited for long term operation in harsh environments
- Offer centralized systems air, vacuum, and chillers suited for larger scale and expandable operations
- Sizing and installation support based on a proven track record in the industrial equipment market
- On hand inventory replacement units and parts
- Service support on all equipment represented
- Direct warranty coverage as the factory direct manufacturer distributor



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#### **CHILLER FEATURES:**

- Wide operating band -20 to 115 Deg F (125 option)
- Reliability & durability built for 24/7 operation
- Small footprint
- Fully integrated system with pump, controls and tank
- Several sizes available ranging from ½ ton to 350 ton
- Seamlessly tie multiple units together for built in redundancy

# UTILITY PROVIDER FOR EXTRACTION SERVICES



## What is the difference between industrial grade and lab grade?

#### Lab Grade

Reduced capacity for small batches, designed for intermittent use in clean environments. May have features not needed like extremely tight temperature control.

#### Industrial Grade

Endless options for size, designed for 24/7 use in harsh environments included very hot or cold ambient. Supported by service based company experience in industrial environments.



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## Blackhawk Equipment, a service based company with experience

#### MTA Chillers deliver big industrial service in a small package.

#### **Rotary Compressors**

Simple, efficient and readily used.

## High Efficiency Evaporator in Tank

Finned Coiled Heat Exchanger installed in the water/glycol tanks ensuring reduced ambient heat gain and steady temperature.

## Designed for extreme ambient conditions

Can operate in ambient conditions as low as -20F and high as 115F. \*Higher ambient packages available.

#### **Controller Connectivity**

Up to five units can be connected to maximizes redundancy and energy efficiency. **UL Listed** UL 508A Control Panel

### Expansion Tank

Open or enclosed

#### **Steel Construction**

Frame and case is made from steel offering strength and reliability for ongoing use.

#### **Centrifugal pumps**

Water/glycol is pumped using a simple and reliable centrifugal pump that is designed for easy replacement.



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