



Enviro-Equipment Inc.
10120 Industrial Drive
Pineville NC 28134

Stock#: EEI-1292

Status: In Stock, Tested

Dimensions: 8.5' Wide x 16' Long (Plus 4.5' tongue) deckover trailer. 9,990 GVWR (Actual Weight Approx 6,000lbs Dry).

Description: Mobile Dual Phase Extraction (MDPE), Aggressive Fluid Vapor Recovery (AFVR), Mobile Multiphase Extraction (MMPE) Unit.



- Refurbished Dekker Oil Sealed Liquid Ring Vmax Vacuum System
 - o System Information:
 - Model: VMX0302KA1-00
 - Serial: C16330
 - MFG. Date: 01/01
 - o Pump Information:
 - Pump Model: DV0300BKA3
 - SERIAL# 013904



Enviro-Equipment Inc.
10120 Industrial Drive
Pineville NC 28134

- Reliance Electric Motor Information
 - 20 Horsepower
 - 230/460 Volt
 - 50.8/25.4 Amps
 - 1760 RPM
 - 256TC Frame
 - HZ 60
 - Phase 3
- ASCO Solenoid Valves
 - Model EF8210G094 (Oil Circulation Valve)
- 3" Galvanized Steel Exhaust Line with:
 - 3/8" Ball Valve for Sample Port / Anemometer Readings
 - Dwyer LPG3-D8442N Pressure Gauge
 - 0-55" WC Pressure
 - 2.5" Face, 1/4" NPT Back Connection
 - Dwyer BTB3257D Temperature Gauge
 - 3" Dial, 2.5" Stem
 - 50-550F Range
 - Tee with 3" Brass Ball Valves To Allow for Exhaust to Atmosphere Through Rain Cap or Connection to Vapor Carbon Drums via 3" Aluminum Male Camlock Fitting
- Solberg Vacuum Inlet Filter
 - Model CSL-235P-300
 - Replacement Element 235P
 - Connections 3" MNPT
- Vacuum Gauges
 - Midwest Control Model VFSB25-030
 - 0-30" HG Vacuum Range
 - 2.5" Face, Liquid Filled, 1/4" NPT Back Connection
- Knockout Tank
 - Model AWS120-3
 - 5052 Marine Grade Aluminum Construction
 - 8" Cleanout Port
 - 4" MNPT Inlet Connection, 4" MNPT Outlet Connection
 - 2" Transfer Pump Connection with:
 - 1.5" Brass Ball Valve
 - 1.5" Brass Wye Strainer Midwest Control YBS-150 with 20 Mesh Screen
 - 1.5" Brass Check Valve Midwest Control SCY-150
 - 1.5" Galvanized Union
 - 2" Clear PVC Sight Glass with Drain
 - 3 Level Float Tree PART# AWS120-220 MLP with LL HL HLA Floats
- Liberty Progressive Cavity Transfer Pump
 - Pump Information:
 - Pump Model Number APM 56 CSQM
 - Serial No. 96193
 - MFG Date 2022
 - Cast Iron Housing, SS Rotor, Buna Stator
 - Worldwide Motor Information:
 - Model NATE1.5-18-56CB



Enviro-Equipment Inc.
10120 Industrial Drive
Pineville NC 28134

- HP 1.5
- Volts 230/460
- Amps 4.5/2.26
- RPM 1725
- Frame 56HC
- HZ 60
- Phase 3
- Service Factor 1.15
- TEFC
- Outlet has 1.5" Brass Gate Valve and 1.5" Stainless Steel Male Camlock
- 1.5" Tanker Truck Camlock Hose connects to Flow Meter Assembly with Dwyer 1.5" Totalizing Flow Meter
- Dilution Air Valve and Filter Assembly
 - Midwest Control 2" Brass Gate Valve BGV-200
 - Solberg Filter Silencer
 - Model FS-31P-250
 - Replacement Element 30P
 - 2.5" MNPT Connection with 2.5 x 2" Reducer Coupling
- Strainrite Size 2 Bag Filter Housing
 - 304SS
 - 3" Side Inlet, Bottom Outlet
 - 3" Brass Ball Valve Bypass Manifold Assembly
- Vacuum Manifold
 - 3" Galvanized Steel Header with 6 Manifold Legs
 - 6x 2" Manifold Legs Each with:
 - 2" Union
 - Midwest Control 2" Brass Gate Valve
 - 0-30" HG Vacuum Gauges
 - 2" Male Aluminum Camlock Ends
- 2x Vapor Carbon Drums
 - VPCD-85-300 Model
 - Holds 300lbs of VGAC
 - Interconnecting Camlock Hoses Installed in Lead/Lag Series Configuration.
- Control Panel
 - 480V 3PH 37 Amps
 - 36x36x12 Nema 4 Enclosure
 - Hour Meters for Vacuum Blower and Transfer Pump
 - HOA Switches for Vacuum Blower and Transfer Pump
 - Alarm Lights Include:
 - Vacuum Blower High Temp – "Hi Temp"
 - Vacuum Blower High Oil Level – "Oil High Level"
 - Vacuum Blower Low Oil Level – "Oil Low Level"
 - Knockout Tank High Level – "KO High Level"
 - White Control Power Light
 - Black Alarm Reset Push Button
 - Red Emergency Stop Button
 - 100 Amp Non Fused Disconnect
 - Relay Logic with Intrinsically Safe Relays for Float Switches
 - Circuit Breaker and Soft Starter for 20HP Dekker Motor



Enviro-Equipment Inc.
10120 Industrial Drive
Pineville NC 28134

- Contactor/Overload/Circuit Breaker for 1.5HP Transfer Pump Motor
- Control Transformer
- 25' Power Cable for Wiring into Generator (Generator Not Included)
- Deckover Trailer
 - Model E8.5x1610K
 - VIN# 1XNBE1625S2036208
 - Tandem 5,000lbs Axles
 - 8.5' Wide, 4.5' Tongue, 16' Deck
- Interconnecting Hoses are 3" Tanker Truck Hoses with Aluminum Camlock Fittings

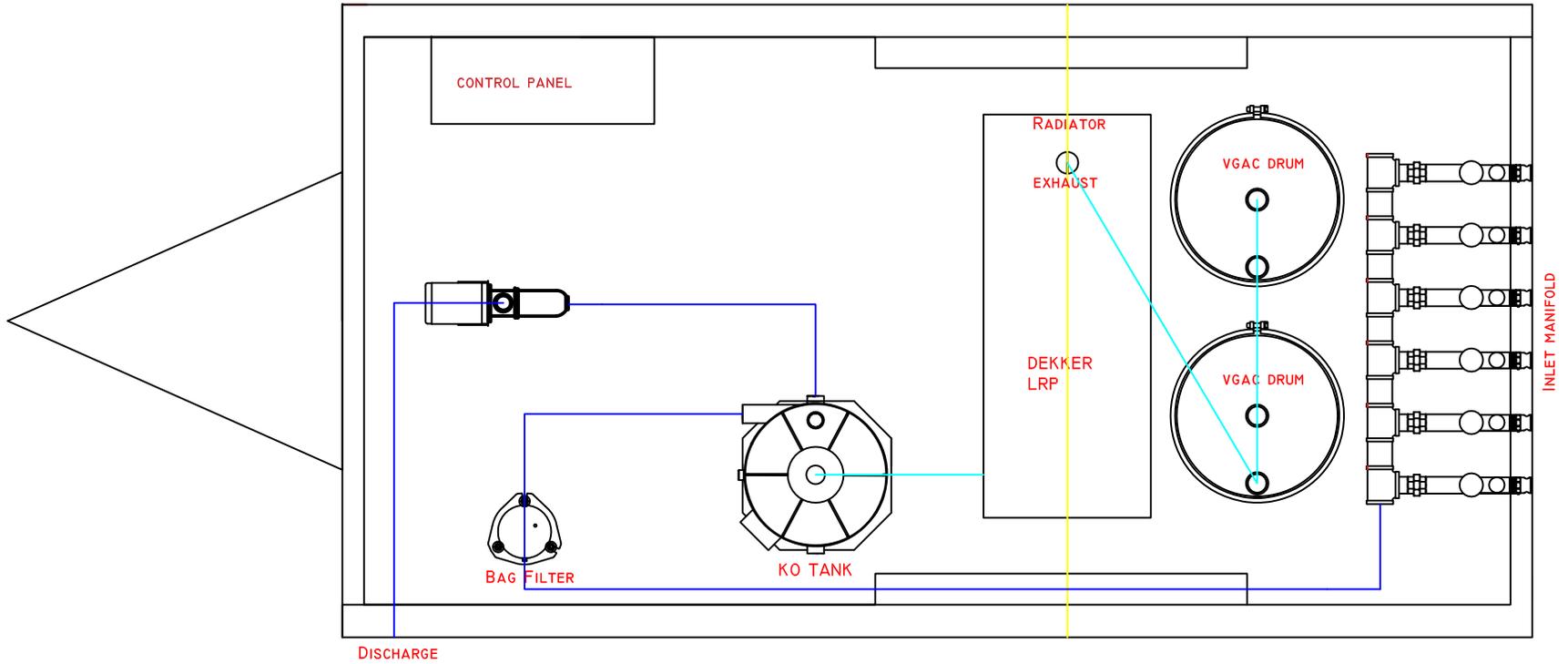




Enviro-Equipment Inc.
10120 Industrial Drive
Pineville NC 28134



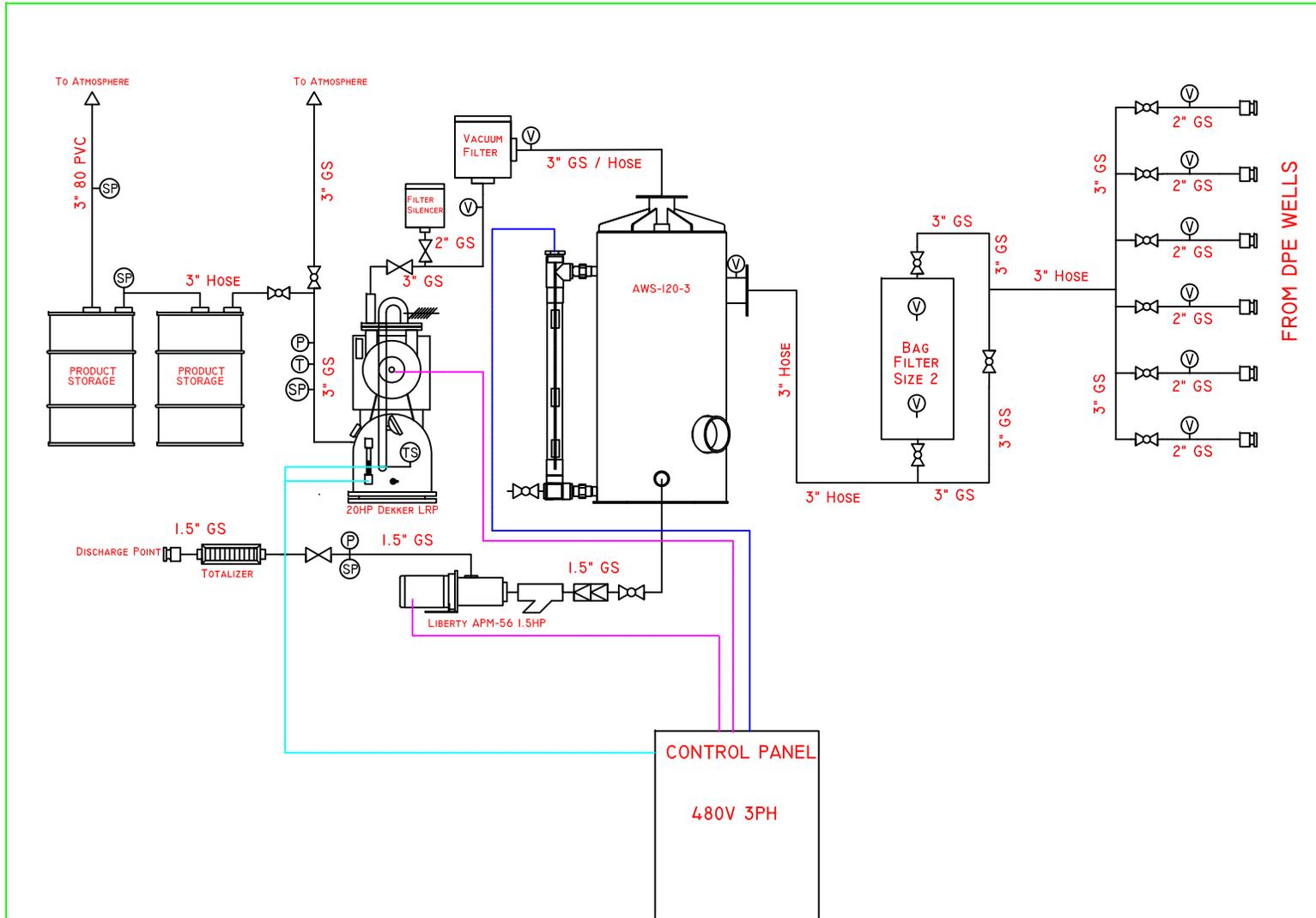
8 x 16' DECKOVER



DATE	REVISION	BY	CHD

ENVIRO-EQUIPMENT, INC.
 10120 Industrial Drive
 Pineville, N.C. 28134
 PHONE 704-556-7723
 FAX 704-556-7728

TOLERANCES (UNLESS OTHERWISE SPECIFIED)	CUSTOMER: EEI
TITLE: LAYOUT AFVR TRAILER	
SCALE: 1"	DRAWN BY: EVAN CHEW
DATE: 1/6/15	CHECKED BY: EC
SHEET: 1	OF SHEETS: 1
DRAWING NO.: EEI-1292	
APPROVED BY: BC	



SYMBOL	DESC.
	SAMPLE PORT
	VACUUM SWITCH
	VACUUM GAUGE
	TEMPERATURE SWITCH
	PRESSURE SWITCH
	PRESSURE GAUGE
	TEMPERATURE GAUGE
	HIGH LEVEL ALARM SWITCH
	RELIEF VALVE
	MALE CAMLOK
	WYE STRAINER
	CHECK VALVE
	GATE VALVE
	BALL VALVE
	DIFF. PRESS. SWITCH
	FILTER SILENCER
	CLEAR PVC SIGHT TUBE
	FLOW METER
	VACUUM FILTER
	PROG. CAVITY TRANSFER PUMP
	TRANSFER PUMP
	LIQUID RING VACUUM PUMP
	MOISTURE SEPARATOR

	INTRINSIC WIRING
	XP POWER WIRING
	XP CONTROL WIRE
	TRAILER

DATE	REVISION	BY	CHD

ENVIRO-EQUIPMENT, INC.
 10120 Industrial Drive
 Pineville, N.C. 28134
 PHONE 704-556-7723
 FAX 704-556-7728

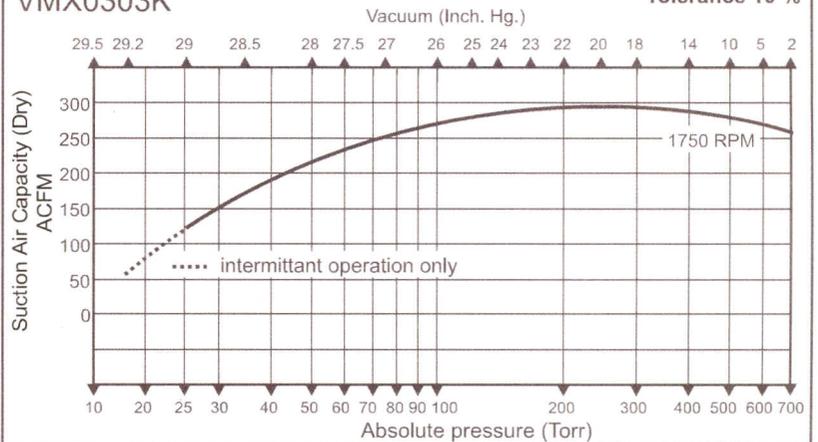
TOLERANCES (UNLESS OTHERWISE SPECIFIED)	CUSTOMER: E EI
TITLE: P&ID DPE TRAILER	SCALE: NTS
DATE: 10-9-24	DRAWN BY: Evan Chew
SHEET: 1	CHECKED BY: BEC
OF SHEETS: 1	APPROVED BY: BEC
	DRAWING NO: 1292

Why more and more customers are switching to the *Vmax* system:

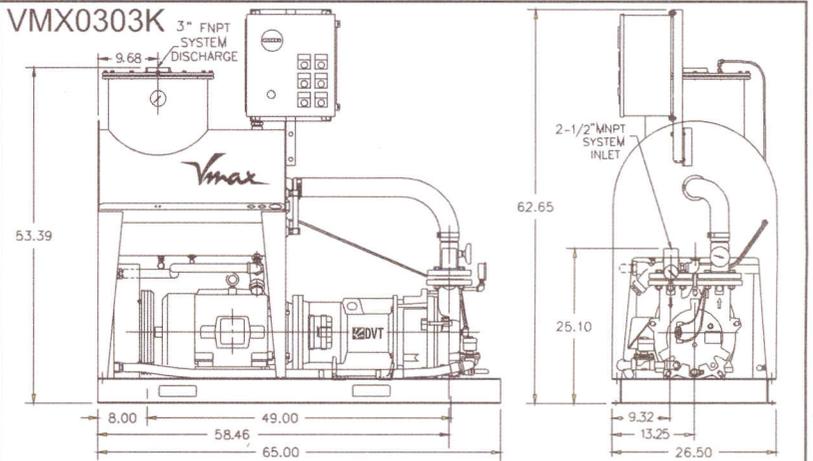
- ✓ The only system on the market with a **full 3-year warranty!**
- ✓ Patented, **high-efficiency DX-5 separator** eliminates oil carry-over concerns.
- ✓ **Sturdy bearing pedestal** mounts to standard **NEMA C-face motor**.
- ✓ Rugged, **high-quality, industrial system**, offering years of **trouble free operation**.
- ✓ **Extended-life seal-fluid** is not used as a lubricant. Change interval is not critical, resulting in a minimum of **10,000 hours of continuous operation**.
- ✓ **Direct drive at low speed (1750RPM)** eliminates the use of V-belts, resulting in very **low maintenance and zero downtime**.
- ✓ **Extremely low operating noise level** makes this system desirable in today's workplace.
- ✓ **Continuous operation over the full vacuum range** without overheating.
- ✓ **Carry-over** of soft solids and/or minimal amounts of liquid **does not cause damage** to the internal parts of the pump.
- ✓ **Air-cooled design** is **standard** with water-cooling available at no extra charge.
- ✓ Improved **compact design**.
- ✓ Now available with optional **Variable Frequency Drive**, resulting in lower power consumption.



VMX0303K



VMX0303K



Performance Characteristics

Nominal capacity:	300CFM
Motor:	20HP
Speed:	1750RPM
Maximum vacuum:	29"Hg
Weight (approximate):	1305Lbs
Maximum gas inlet temperature:	212°F/100°C
Maximum noise level (at 3 feet):	76dBA
Oil capacity (approximate):	12 GAL

Performance based on atmospheric pressure equal to 29.92"Hg

Information contained in this document is for reference only. Subject to change without notice.



Liberty Process Equipment, Inc.

P.O. Box 212

Arlington Heights, IL 60006

Phone: 847-640-PUMP (7867)

Fax: 847-640-7855

E-mail: info@libertyprocess.com

Pump Performance Curve

