



Enviro-Equipment Inc.
10120 Industrial Drive
Pineville NC 28134

Serial #: EEI-1316

Dimensions: Trailer is 8' wide by 16' long (plus tongue) by 8' interior height with 12,000lb GVWR

Description: Dual Phase Extraction System with 10GPM Groundwater Treatment

- Rietschle VLR-500 Claw Blower 15HP 3PH XP Inverter Duty Rated Motor (353 CFM, 28" HG Max)
- Knockout Tank with Progressive Cavity Transfer Pump
- 10 GPM Fiberglass Oil Water Separator with Product Storage Tank and Myers Transfer Pump
- Shallow Tray 1341P Air Stripper with 3HP New York Blower and Myers Transfer Pump
- 24 leg 2" Extraction Manifold split into two zones by XP electrically actuated valves tied to timers in control panel
- 240V 1PH Weatherproof Control Panel mounted over trailer tongue with Phase Converting VFD with Line Reactor for claw blower. Weatherproof service panel with various circuit breakers. Sensaphone Sentinel 4G LTE Cellular Telemetry System.
- Trailer is wired class 1 div 2 group D with XP Heaters, XP Lights, XP Exhaust Fan
- Various gauges, transmitters and safety switches





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Data



Vacuum pumps

Bombas de vacío

Pompes à vide

Bombas de vácuo

C-VLR

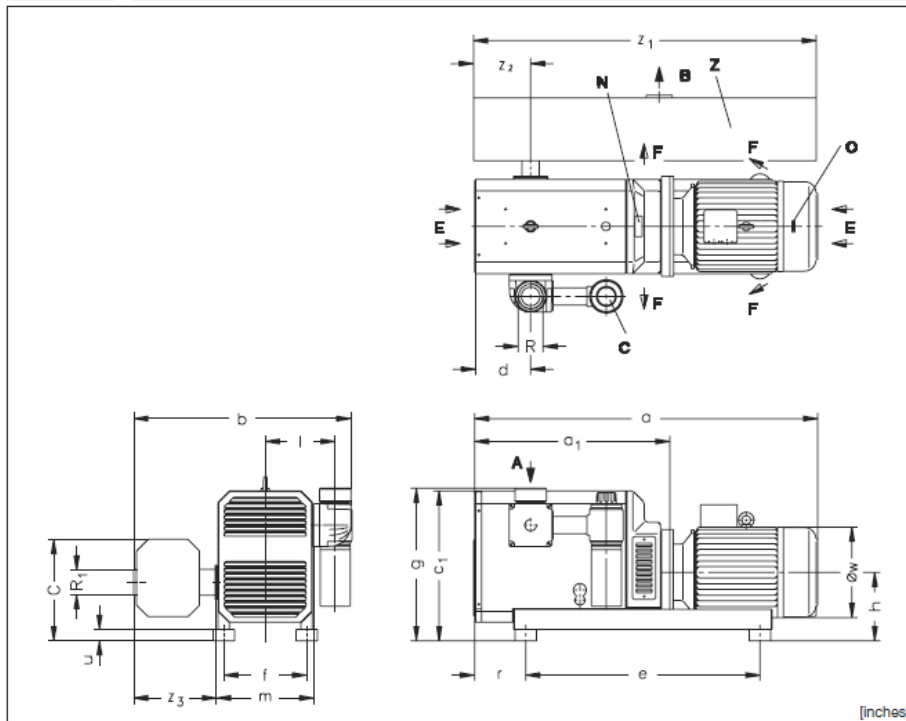
zephyr

C-VLR 250

C-VLR 300

C-VLR 400

C-VLR 500



A	Vacuum connection	Conexión vacío	Raccord du vide	Conexão do vácuo
B	Exhaust	Escape	Refolement	Exaustão
C	Vacuum regulating valve	Válvula reguladora de vacío	Valve réglage vide	Válvula de regulagem do vácuo
E	Cooling air entry	Entrada aire refrigerante	Entrée air refroidissement	Entrada do ar refrigerante
F	Cooling air exit	Salida aire refrigerante	Sortie air refroidissement	Salda do ar refrigerante
N	Data plate	Placa fecha	Etiquette caractéristique	Placa da data
O	Rotation arrow	Dirección de rotación	Flèche sens rotation	Direção da rotação
Z	Exhaust silencer	Silenciador escape	Silencieux refolement	Silenciador de exaustão

C-VLR		250	300	400	500
[inches]	a	50 Hz 31.73	35.08	41.69	47.28
		60 Hz 35.43	35.43	42.05	43.89
	a ₁	50 Hz 19.13	19.13	23.62	26.93
		60 Hz 19.92	19.92	26.54	27.32
	b	28.43	28.43	29.29	30.08
	c / c ₁	13.19 / 20.67	13.19 / 20.67	13.19 / 20.67	13.19 / 20.67
	d	3.94	3.39	7.76	7.76
	e	28.35	28.35	32.28	32.28
	f	11.42	11.42	11.42	11.42
	g	19.41	19.41	20.94	20.94
	h	9.45	9.45	9.45	9.45
	l	9.25	9.25	9.65	9.65
	m	13.39	13.39	13.39	13.39
	r / u	4.37 / 1.57	4.37 / 1.57	7.05 / 1.57	7.05 / 1.57
	øw	50 Hz 8.66	9.68	9.68	12.28
		60 Hz 9.57	9.57	9.57	11.47
z ₁	39.63	39.63	39.63	47.24	
z ₂ / z ₃	3.15 / 10.63	3.15 / 10.63	3.15 / 10.63	7.87 / 11.42	
R / R ₁	2" NPT / BSP 2 1/2"	2" NPT / BSP 2 1/2"	3" NPT / BSP 3"	3" NPT / BSP 3"	

DA 880/2

1.2.2006

Gardner Denver
Hanover Inc.

7222 Parkway Drive

HANOVER, MD 21076

USA

Phone +1 410 / 712 4100

Fax +1 410 / 712 4148

e-mail: sales.hanover@

gardnerdenver.com

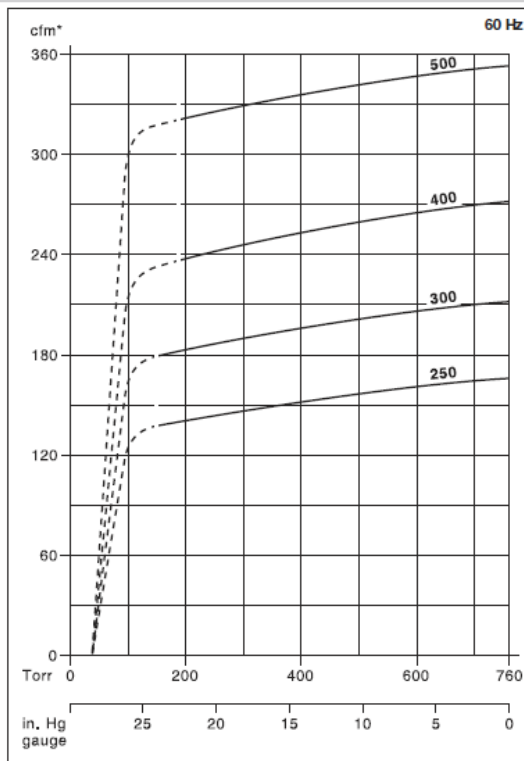
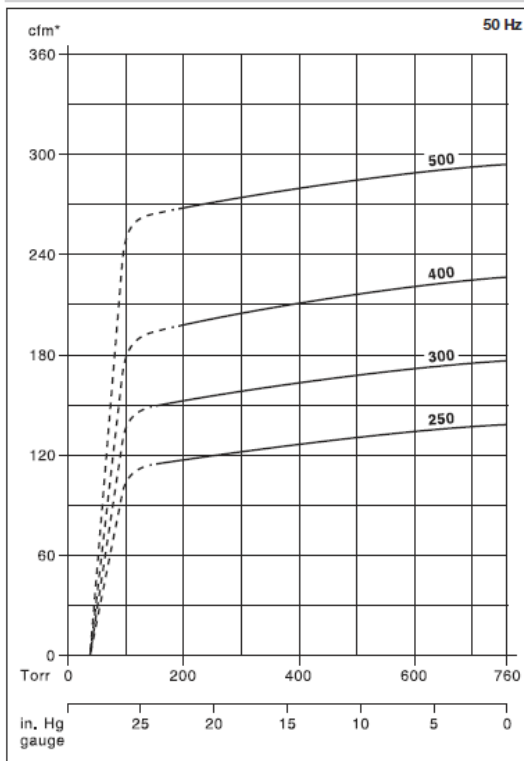
www.gd-elmoietschle.com



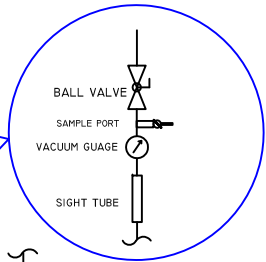
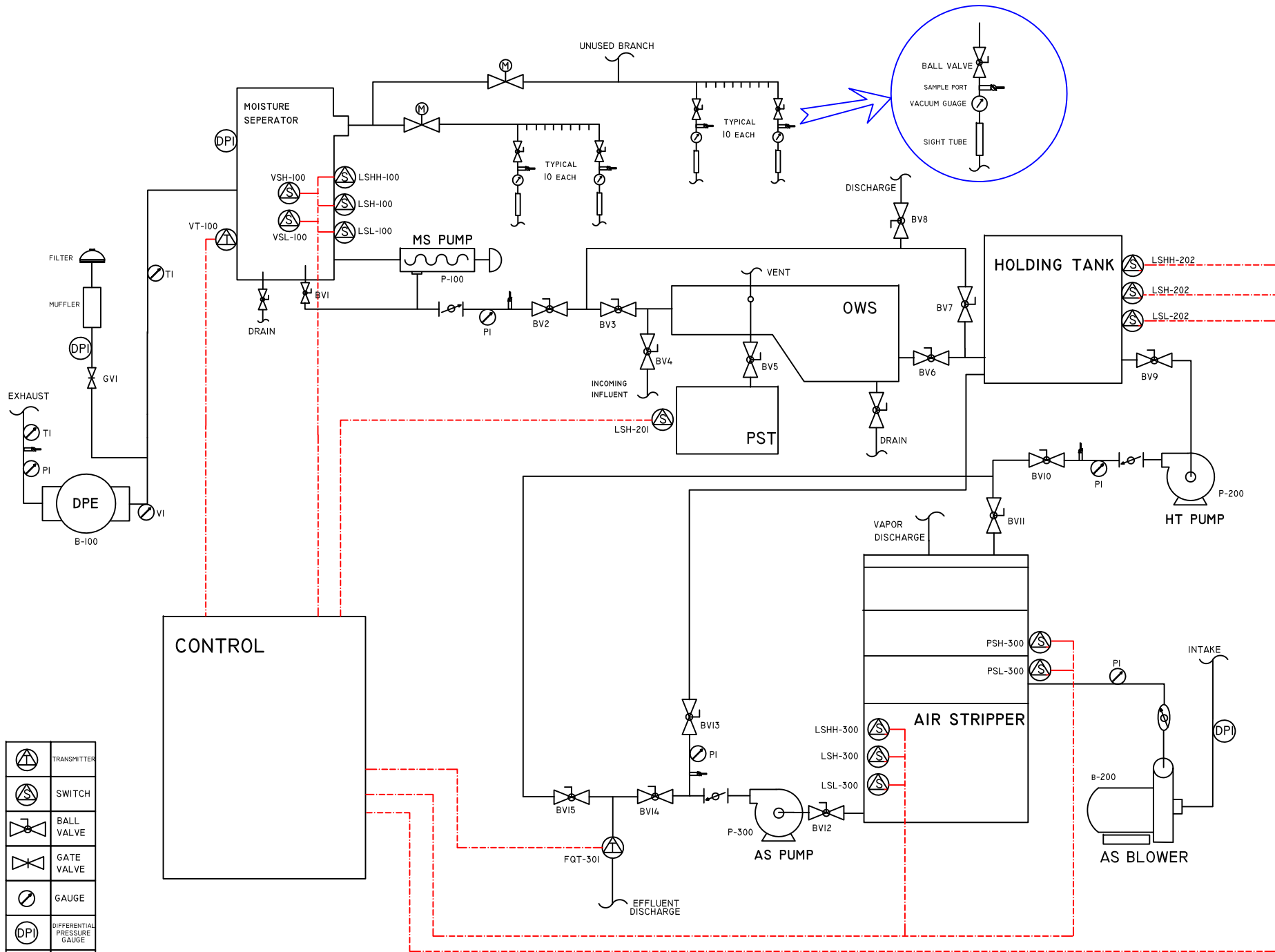
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C-VLR		250	300	400	500
cfm	50 Hz	138	177	227	294
	60 Hz	166	212	272	353
p ₁		38 Torr - 28.44 in. Hg (gauge)			
p ₂		150 Torr - 24.0 in. Hg (gauge)		188 Torr - 22.5 in. Hg (gauge)	
3~	50 Hz	230/400V ± 10%		400/690V ± 10%	
	60 Hz	208-230/460V ± 10%			
kw	50 Hz	4.0	5.5	7.5	9.0
	60 Hz	7.5	7.5	10	15
hp	50 Hz	14.4/8.3	11.0/6.4	15.0/8.7	19.0/11.0
	60 Hz	21-18.8/9.4	21-18.8/9.4	25-24/12	39-37/18.5
A	50 Hz	2850			
	60 Hz	3450			
rpm	50 Hz	78	79	82	82
	60 Hz	82	83	84	84
dB(A)	50 Hz	470	580	728	840
	60 Hz	514	580	742	873
lbs	50 Hz	0.9	0.9	0.9	0.9
qt	50 Hz				
	60 Hz				
ZRK / ZVF		50 (03) / 50 (53)	50 (03) / 50 (53)	80 (03) / 100 (51)	80 (03) / 100 (51)
ZMS / ZAD		#	#	#	#

	Capacity	Capacidad	Débit	Capacidade
cfm	Ultimate vacuum max.	Vacío final máx.	Vide limite maxi.	Vácuo final max.
p ₁	Ultimate vacuum continuous operation	Vacío final permanente	Vide limite fonctionnement continu	Vácuo final permanente
p ₂	Motor version	Versión motor	Exécution moteur	Versão do motor
3~	Motor rating	Datos motor	Puissance moteur	Potência do motor
kw / hp	Full load amperage	Amperaje de plena carga	Intensité absorbée	Amperagem da carga total
A	Speed	Velocidad	Vitesse rotation	Velocidade
rpm	Average noise level	Nivel de ruido medio	Niveau sonore moyen	Nível médio de ruído
dB(A)	Weight	Peso	Poids	Peso
lbs	Oil capacity (Gear)	Instrumentos capacidad aceite	Charge d'huile (Engrenage)	Engrenagem da capacidade do óleo
qt	Accessories	Accesorios	Accessoires	Acessórios
ZRK	Non return valve	Válvula retención	Clapet anti-retour	Válvula sem retorno
ZVF	Vacuum tight suction filter	Filtro succión hermético	Filtre d'aspiration étanche	Filtro de sucção à prova de vácuo
ZMS	Motor starter	Arranque motor	Disjoncteur moteur	Arranque do motor
ZAD	Soft starter	Soft starter	Démarrage progressif	Soft starter
ZBZ	Sound box	Caja de sonido	Caisson insonorisant	Canópia



* Relates to pump inlet conditions / se refiere a las condiciones de entrada de la bomba / relatif à l'état régnant à l'aspiration / refere-se a condições de entrada da bomba.
Curves and tables refer to vacuum pump at normal operating temperature. / Las curvas y las tablas se refieren a la bomba de vacío a la temperatura normal de operación. / Les courbes et tableaux sont établies, pompe à température de fonctionnement. / As curvas e tabelas referem-se à bomba a vácuo a temperatura normal de operação.
Technical information is subject to change without notice! / La información técnica está sujeta a cambios sin previo aviso! / Sous réserve de modification technique. / A informação técnica está sujeita a mudança sem aviso prévio!
The listed values for a, ow and full load amperage may vary because of different motor manufacturers. / Los valores listados para a, ow y para el amperaje de carga completa pueden variar para distintos fabricantes de motores. / Les dimensions a et ow ainsi que l'ampérage peuvent différer des données indiquées ci-dessus, selon le fabricant du moteur. / Como variam os fabricantes de motores, poderá haver variação dos valores indicados para a, ow e para uma amperagem da carga total.
on request # on pedido # sur demande # a pedido



	TRANSMITTER
	SWITCH
	BALL VALVE
	GATE VALVE
	GAUGE
	DIFFERENTIAL PRESSURE GAUGE
	SAMPLE PORT
	CHECK VALVE
	MOTORIZED VALVE

				ENVIRO-EQUIPMENT, INC.		TOLERANCES UNLESS OTHERWISE SPECIFIED		CUSTOMER: ENVIRO	
				10120 Industrial Drive Pineville, N.C. 28134 PHONE 704-556-7723 FAX 704-556-7728		TITLE: PID H2K DPE CLAW OWS ASTR		SCALE: N/A	
						DRAWN BY: CKR		CHECKED BY:	
						DATE: 01/25/18		SHEET: 1 OF SHEETS: 1	
								DRAWING NO.: 1316	
DATE	REVISION	BY	CH'D						