



Enviro-Equipment Inc.  
10120 Industrial Drive  
Pineville NC 28134  
[www.enviroequipment.com](http://www.enviroequipment.com)

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-501 Claw Blower 15HP 3PH 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 each leg with ball valve, vacuum gauge, sample port, sight glass
- Piping, Valves and Booster Blower for Optional Integration of Falco 300 Electric Catalytic Oxidizer (Oxidizer Not Included)
- 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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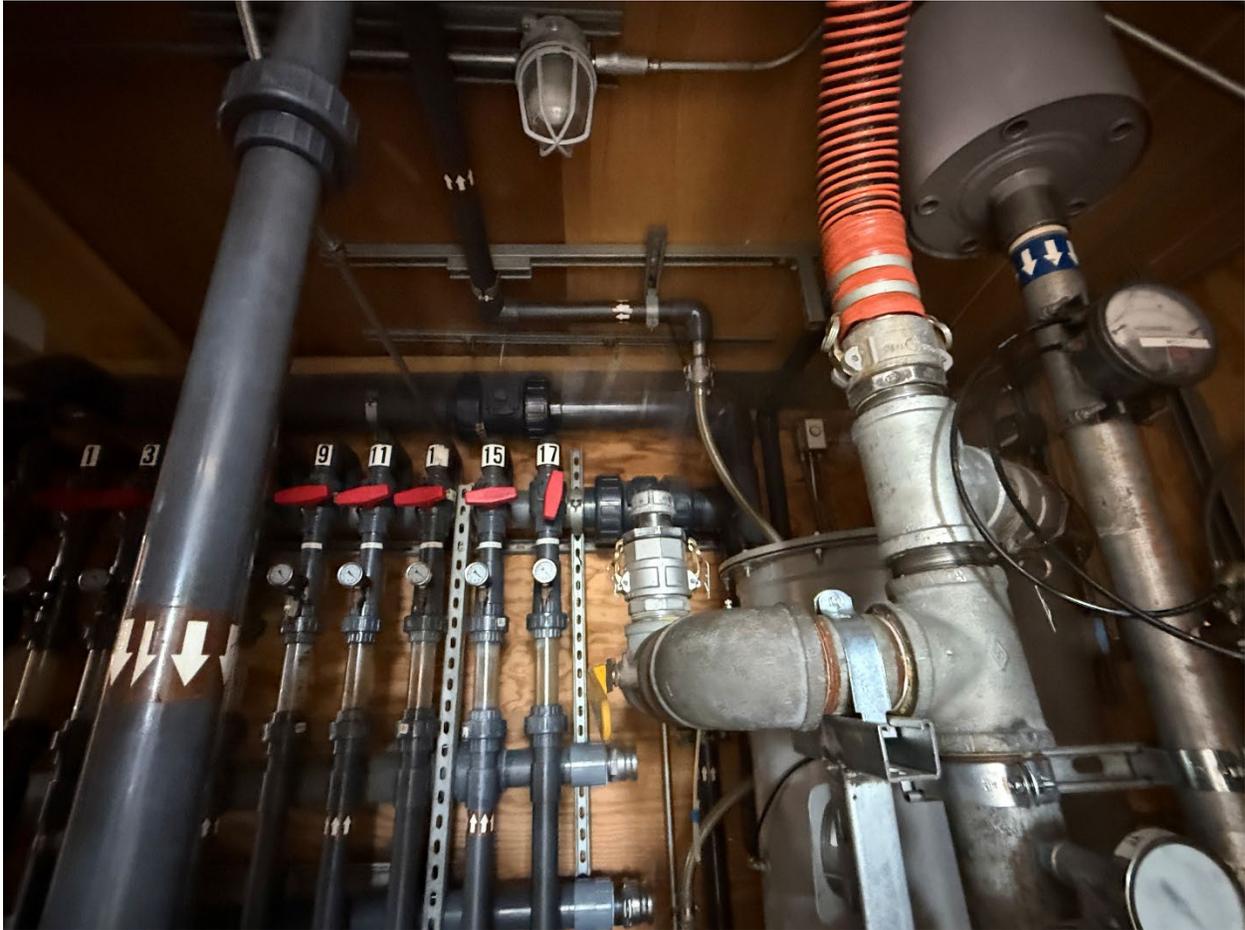


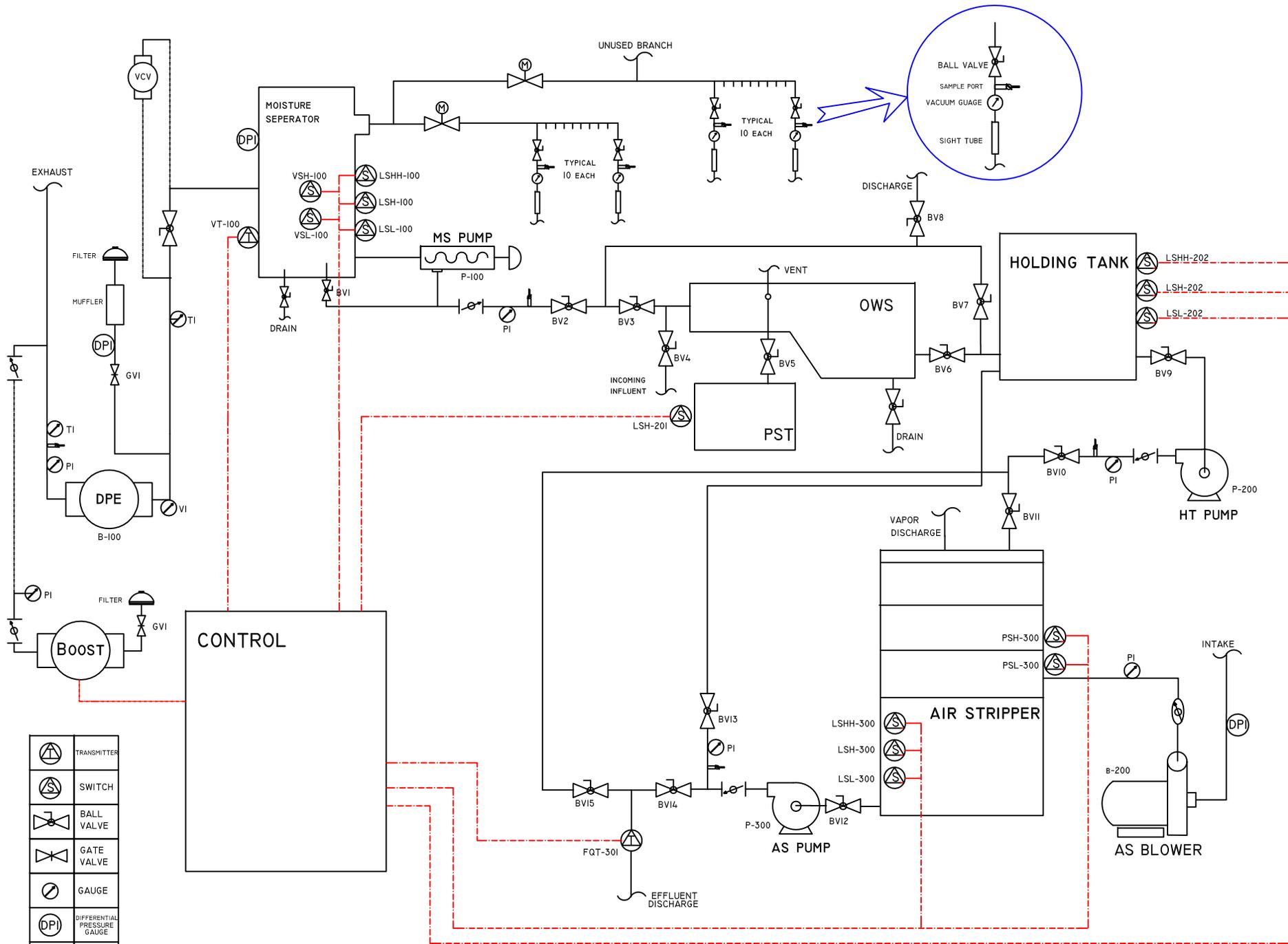
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	TRANSMITTER
	SWITCH
	BALL VALVE
	GATE VALVE
	GAUGE
	DIFFERENTIAL PRESSURE GAUGE
	SAMPLE PORT
	CHECK VALVE
	MOTORIZED VALVE

DATE	REVISION	BY	CH'D

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

TOLERANCES (UNLESS OTHERWISE SPECIFIED)		CUSTOMER: ENVIRO	
TITLE: PID H2K DPE CLAW OWS ASTR			
SCALE: N/A	DRAWN BY: CKR	CHECKED BY:	APPROVED BY:
DATE: 9/20/21	SHEET: 1	OF SHEETS: 1	DRAWING NO.: 1316 rev1



C-VLR 501



### High efficiency, oil-free, contactless claw vacuum pump

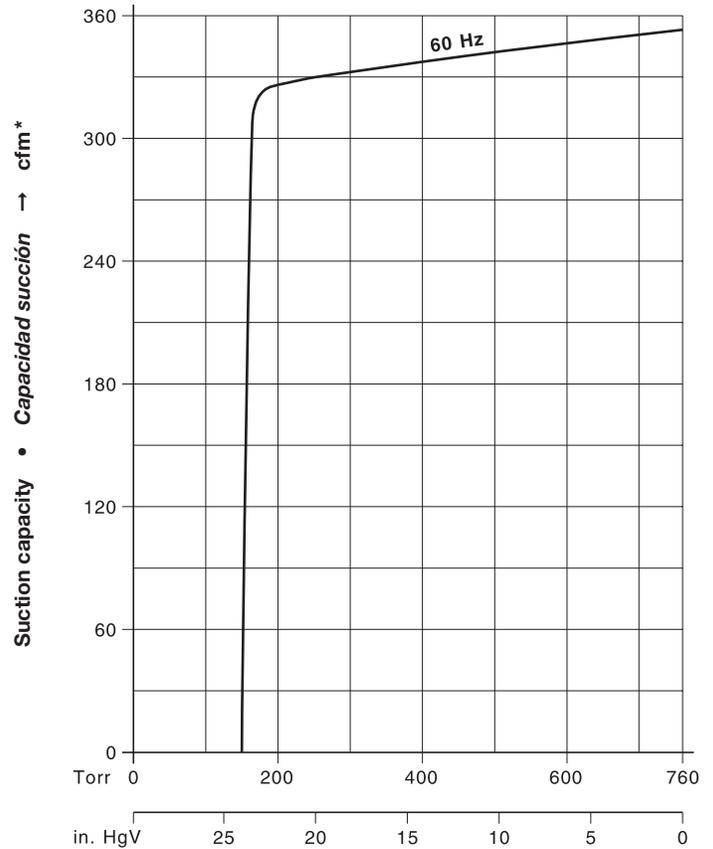
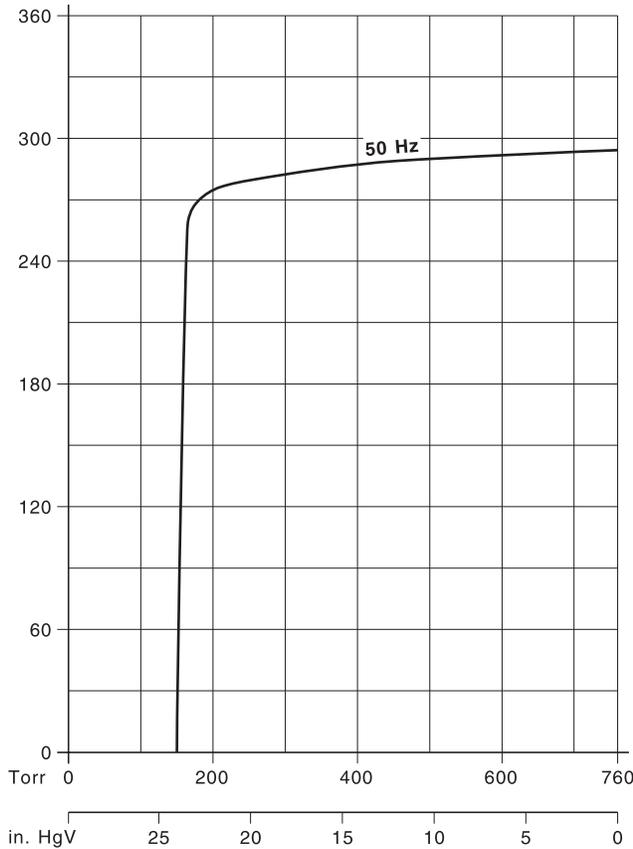
Capacity ranging to 353 cfm.  
 Ultimate vacuum for continuous operation:  
 24 in. HgV  
 Low maintenance, integrated forced air cooling eliminates the need for water cooling.  
 Versatile design can be used in many applications.

### Bomba de vacío de mordaza, altamente eficiente, libre de aceite y sin contacto

Capacidad de aspiración de 353 cfm.  
 Vacío absoluto para funcionamiento continuo:  
 24 in. HgV  
 Bajo nivel de mantenimiento, enfriamiento integrado por aire forzado y sin medios adicionales. Diseño versátil con numerosas posibilidades de uso.

Selection diagram • Diagrama de selección 50 Hz

60 Hz

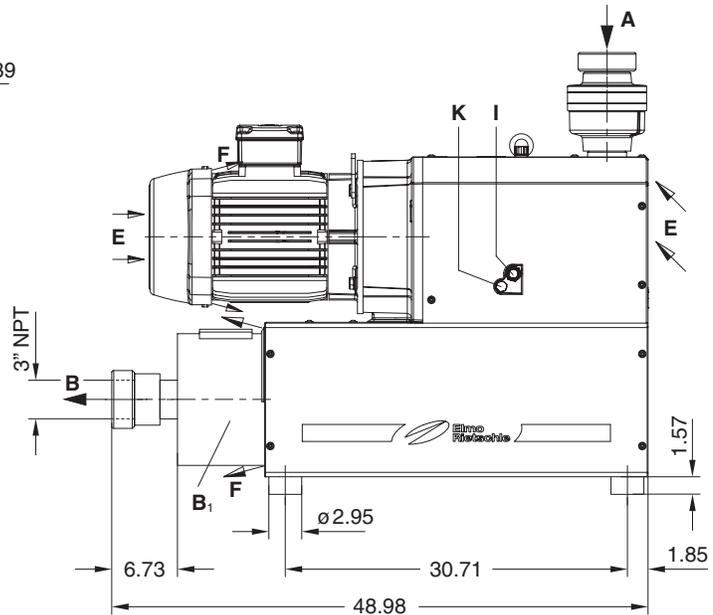
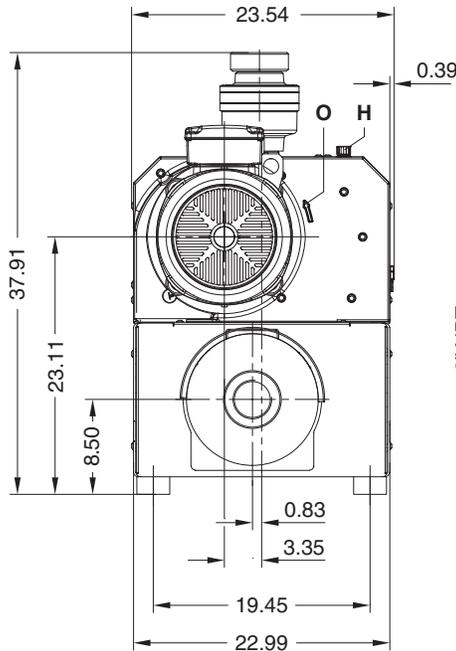
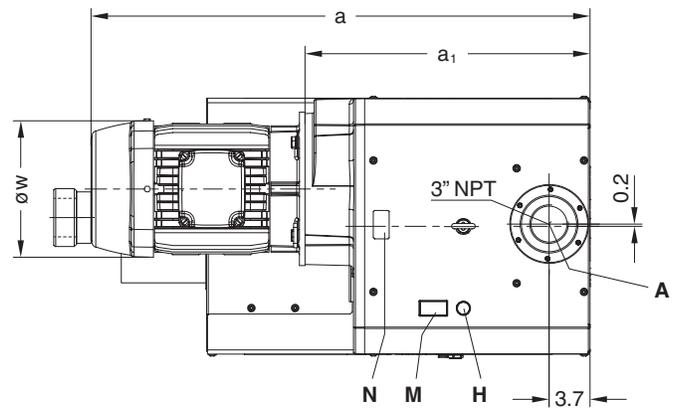


Suction pressure • Presión succión → Torr / in. HgV

C-VLR		501	
Suction capacity	cfm	50 Hz	294
Capacidad succión		60 Hz	353
Ultimate vacuum continuous operation		150 Torr - 24 in. HgV	
Vacío final permanente			
Rated voltage	3~	50 Hz	400 / 690 V ± 10 %
Tensión asignada		60 Hz	208 - 230 / 460 V ± 10 %
Motor rating	kw	50 Hz	11
Potencia requerida	hp	60 Hz	15
Full load amperage	A	50 Hz	20.9 / 12.1
Amperaje a carga plena		60 Hz	37 - 35 / 17.5
Speed	rpm	50 Hz	2950
Velocidad		60 Hz	3550
Average noise level	dB(A)	50 Hz	78
Nivel promedio de ruido	EN ISO 3744	60 Hz	81
Weight	lbs	50 Hz	1125
Peso		60 Hz	1062
Oil capacity (gear)	qt	1.8	
Capacidad de aceite (engranaje)			

**Dimensions • Dimensiones [inches]**

<b>A</b>	Vacuum connection • <i>Conexión de vacío</i>
<b>B</b>	Exhaust • <i>Escape</i>
<b>B<sub>1</sub></b>	Exhaust silencer • <i>Silenciador de escape</i>
<b>E</b>	Cooling air entry • <i>Entrada de aire refrigerante</i>
<b>F</b>	Cooling air exit • <i>Salida de aire refrigerante</i>
<b>H</b>	Oil fill port • <i>Punto de alimentación del aceite</i>
<b>I</b>	Oil sight glass • <i>Mirilla de aceite</i>
<b>K</b>	Oil drain port • <i>Punto de drenaje del aceite</i>
<b>M</b>	Oil type plate • <i>Placa de aceite</i>
<b>N</b>	Data plate • <i>Placa de la unidad</i>
<b>O</b>	Direction of rotation arrow • <i>Dirección de rotación</i>



	<b>C-VLR</b>	<b>501</b>
a	50 Hz	44.80
	60 Hz	44.56
a <sub>1</sub>	50 Hz	25.59
	60 Hz	26.42
øw	50 Hz	12.24
	60 Hz	10.28

**Accessories • Accesorios**

<b>C-VLR</b>		<b>501</b>
Vacuum tight suction filter <i>Filtro de succión estanco al vacío</i>	<b>ZVF</b>	100 (51)
Motor starter <i>Reóstato de arranque del motor</i>	<b>ZMS</b>	#

cfm\* Relates to pump inlet conditions • *se refiere a las condiciones de entrada de la bomba*

Curves, table contents (tolerance ±10%) refer to compressor at normal operating temperature. • *Las curvas, las tablas (tolerancia ±10%) se refieren a la bomba de vacío a una temperatura normal de operación.*

The motor dimensions as well as the full load amperage may vary due to different motor manufacturers. • *Las dimensiones de motor pueden variar para distintos fabricantes de motores.*

# on request • # *on pedido*

Technical information is subject to change without notice! • *La información técnica está sujeta a cambios sin previo aviso!*



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