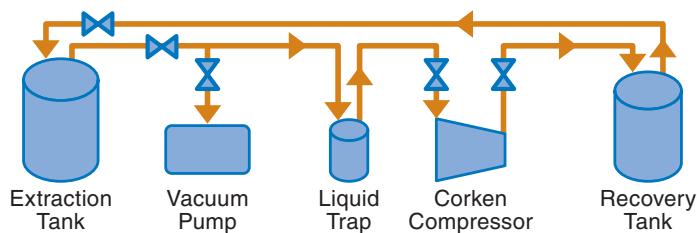


Hydrocarbon Based Botanical Oil Extractor Recovery Compressor

Corken has manufactured hydrocarbon gas compressors since the mid 1940s. They are used to handle many kinds of hydrocarbon gases such as butane, propane, and isobutane. Many sizes and trim levels are available. Each offers fast and clean recovery of hydrocarbon gases and are suitable for small and large industrial operations. Corken also offers two-stage and water-cooled gas compressors and liquid pumps to handle a wide variety of recovery applications.

Listed below is a diagram showing where a gas compressor is used during the extraction and recovery process.



General Performance Data for Vapor Recovery

Model	Compressor Speed RPM	Vapor Temperature °F	Final Evac Pressure psig	Average Recovery Rate in lb/hr ¹	
				Butane	Propane
D/T91	700	70	0	93	240
D/T291	700	70	0	184	480
D/T491	700	70	0	395	1,027
D/T691	700	70	0	639	1,681
T891	700	70	0	1,233	3,238

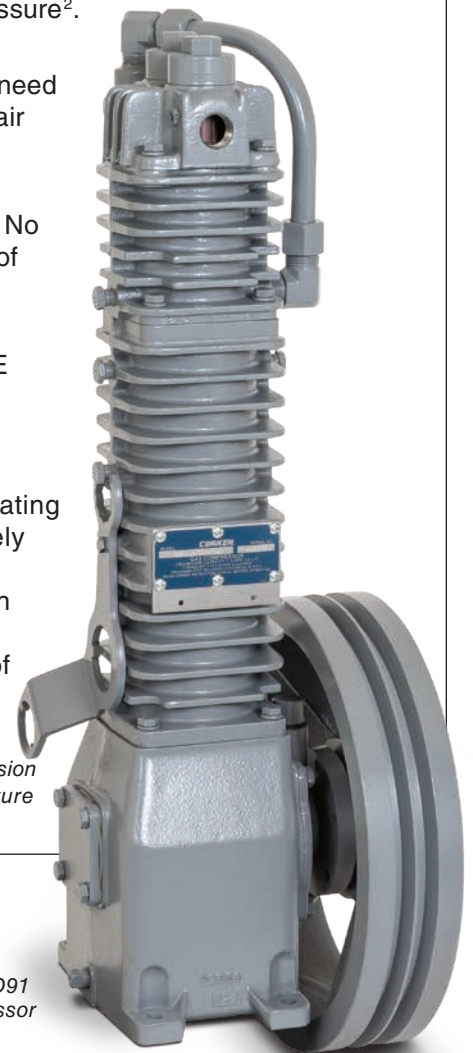
¹Suction pressure changes throughout the process. Average is calculated between the initial and final suction pressure.

This table is for illustrative purposes only. For exact sizing, please contact Corken.

Benefits of Corken's Gas Compressor

- **Cost effective:** Motor driven unit does not require a pneumatic driver/air compressor.
- **Fast recovery time:** High capacity design shortens recovery time and increases production.
- **Low evacuation pressure:** 0 psig or lower evacuation pressure².
- **Space saving:** Eliminates the need for a separate air compressor.
- **Oil-free compression:** No contamination of gas products.
- **Food grade material:** PTFE trim and nickel coating for gas wetted parts.
- **Quiet:** Noise rating of approximately 85 dBA is beneficial to an enclosed explosion proof processing area.

²Subject to compression ratio and temperature limitations.



Model D91 Compressor

Solutions beyond products...
CORKEN

CORKEN, INC. • A Unit of IDEX Corporation
3805 NW 36th Street, Oklahoma City, OK 73112 U.S.A.
Phone (405) 946-5576 • FAX (405) 948-7343
Visit our website at www.corken.com
E-mail us at cocsalesdept@idexcorp.com



@CorkenInc

