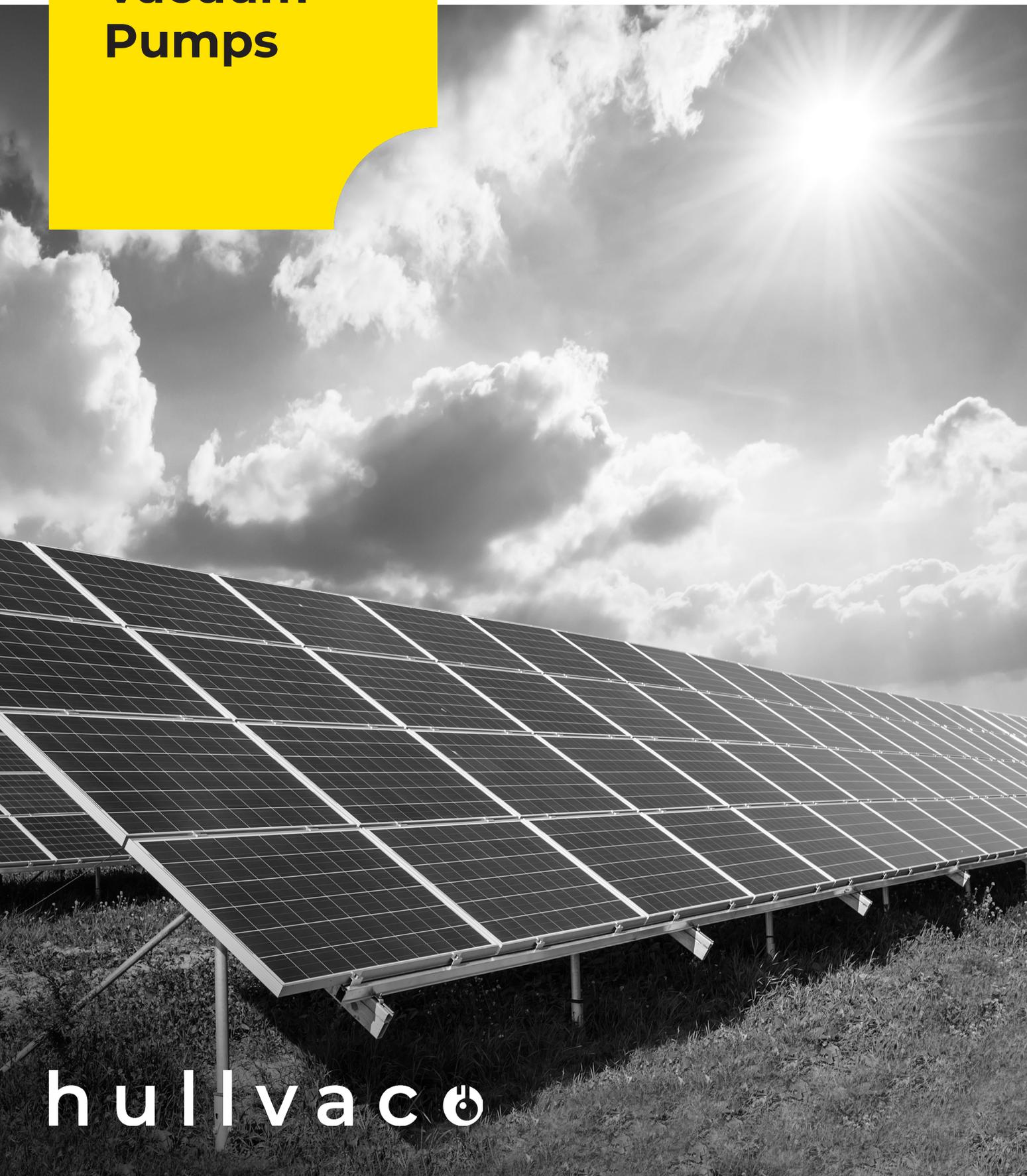


Rotary Piston Vacuum Pumps

 **DEKKER**
VACUUM TECHNOLOGIES



hullvaco 

DEDICATED. DEPENDABLE. DYNAMIC. DEKKER.

Don't Settle For Less Than Dekker®

HullVac rotary piston vacuum pumps are engineered for a long life, top performance, low maintenance and ease of use. DEKKER offers a comprehensive selection of models with valuable features and expert after-sales service, including a standard three-year warranty – the best in the industry.

HullVac Series: Upgrade to a Superior Experience of Products and Service.

HV Series Single-Stage Rotary Piston Vacuum Pumps (52 to 850 CFM)
Perfect for the toughest industrial environments.
An affordable workhorse.

HVC Series Two-Stage Rotary Piston Vacuum Pumps (32 to 340 CFM)
Perfect when a deeper ultimate vacuum is required. Two-stage enhances capacity below 250 microns and allows full gas ballast operation while maintaining micron range blank off.



HV635
635 CFM
30 HP
.045 Torr



HVC65
65 CFM
5 HP
.0075 Torr

Features & Benefits

IMPROVED MODERN DESIGN

No center-wall bearing | Eliminating this bearing means that the bearing will not be exposed to the pump oil, which could be contaminated leading to reduced bearing life.

REDUNDANT SHAFT SEALS

Triple Redundant Viton shaft seals ride on hardened steel sleeves to guard against leakage.

LARGE SITE PORT

Large diameter glass site port with stainless steel bezel and o-ring seal makes checking oil level and condition easy even when oil is opaque.

SUPERIOR O-RING SEALING

Side plates feature O-ring seal, which reduces maintenance time and prevents leakage. The bottom of the valve deck also contains an O-ring seal that is easy to replace. Other designs use paper seals, which are inferior and disintegrate causing plugging.

INTERNAL SEALING FLUID CHANNELS

Sealing oil enters the pumping chambers through internal channels rather than exterior piping that is prone to damage and leakage.

TOUGH VALVE ASSEMBLIES

Heavy duty studs, springs and wear plates are mounted to hardened steel seats designed to prevent broken springs from falling into the pumping chamber.

Technical Specifications

Rotary Piston Vacuum Pumps	Nominal Capacity (ACFM)	Motor Size		Max Vacuum Level (Torr)	Cooling Configuration	Oil Capacity		Pump Speed	Weight	
		60 Hz				Ltr	Gal		RPM	Kg
		kW	HP							
Single-Stage Rotary Piston Vacuum Pumps										
HV55A	52	2.2	3	0.0450	Air	3.4	0.9	620	172	380
HV140A	130	3.7	5	0.0450	Air	12.5	3.3	700	362	800
HV160	150	5.6	7.5	0.0450	Water (1.5 GPM*)	15	4	555	453	1000
HV412XT	300 (340)	7.5 (11)	10 (15)	0.0450	Water (2.5 GPM*)	45.4	12	635	793	1750
HV450	450	15	20	0.0450	Water (3.5 GPM*)	49.2	13	560	1002	2210
HV635	635	22.3	30	0.0450	Water (5.0 GPM*)	56.7	15	555	1270	2800
HV850	850	29.8	40	0.0450	Water (7.0 GPM*)	94.6	25	500	1700	3750
Two-Stage Rotary Piston Vacuum Pumps										
HVC35A	32	2.2	3	0.0075	Air	3.4	.9	555	172	380
HVC65	65	3.7	5	0.0075	Water (1.0 GPM*)	9.5	2.5	555	340	750
HVC100A	95	3.7	5	0.0075	Air	12.5	3.3	700	362	800
HVC180	180	7.5	10	0.0075	Water (2.0 GPM*)	24.6	6.5	555	635	1400
HVC340	340	15	20	0.0075	Water (2.5 GPM*)	75.7	20	615	1088	2400

Voltage is 208-230/460V for all models listed. Consult factory for other voltages.

* GPM = US Gallons per minute of 60° F cooling water entering the pump.



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Service & Support

At Dekker® Vacuum Technologies, we are committed to optimizing your industrial processes and minimizing downtime. This means providing unrivaled customer service and support through the entire process, from helping you choose the ideal pump for your application to providing the maintenance needed to keep your business growing strong. To ensure the longest life cycle of your vacuum pumps, we highly encourage all our customers to follow the manufacturer maintenance recommendations and using genuine OEM Dekker® spare parts and oils.

Contact

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