

PRODUCT LINE CARD

PUMPS/COMPRESSORS



DuraVane and DuraVane^{HV}

Lubricated rotary vane vacuum pumps:
from 2 - 710 CFM (0.2 - 40 HP)

**Lubricated rotary vane vacuum pumps
for saturated air (wet) service:**
from 19 - 75 CFM (1.25 - 4 HP)

Oil-free (dry) rotary vane vacuum pumps:
from 2 - 71 CFM (0.25 - 5 HP)

High-vacuum rotary vane vacuum pumps:
from 2 - 12 CFM (0.25 - 1.25 HP) with ultimate
pressures down to 7.5×10^{-3} Torr



HullVac

Single-stage rotary piston vacuum pumps:
from 52 - 850 CFM (3 - 40 HP)

Two-stage rotary piston vacuum pumps:
from 32 - 340 CFM (3 - 20 HP)

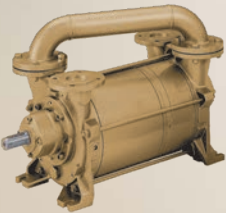
*Engineered for a long life, top performance,
low maintenance and ease of use.*



MAXIMA-C and MAXIMA-K-series

**Large capacity single-stage liquid ring vacuum
pumps:** Maxima-K from 1,500 - 39,000 CFM (100 -
1,900 HP) with vacuum capability up to 29" HgV.
Maxima-C from 3,400 - 22,600 CFM (21 - 1,200 HP)
with vacuum capability up to 27" HgV. Maxima-C
available as double-acting liquid ring compressors
up to 5,000 CFM and 88 psig.

**Large capacity two-stage liquid ring vacuum
pumps:** from 700 - 2,800 CFM (24 - 230 HP)
with vacuum capability up to 29" HgV



TITAN^{series}

**High-efficiency single-stage liquid ring vacuum
pumps:** from 6 - 1,200 CFM (0.75 - 100 HP)

Two-stage liquid ring vacuum pumps:
from 15 - 2,000 CFM (2 - 125 HP)

Liquid ring compressors:
from 15 - 1,100 CFM (3 - 150 HP)

*All models have standard mechanical shaft seals and
are available in a variety of materials.*

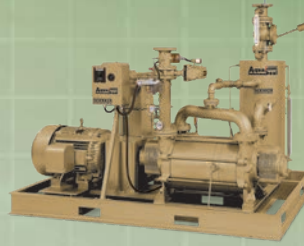


TITAN-C and DuraVane

Single-stage liquid ring compressors: from
15 - 1,100 CFM (3 - 150 HP), pressure up to 28 psig.
Models up to 20 HP feature AISI 316 stainless steel
impellers as standard and all models are available
in a variety of materials.

Oil-free (dry) rotary vane compressors: in
capacities from 2 - 71 CFM (0.2 - 7.5 HP), maximum
pressure up to 15 psig. These are heavy-duty,
motor-mounted units, extremely reliable for
industrial applications.

SYSTEMS



AquaSeal and AquaSeal^{POWERGEN}

**Water-sealed liquid ring vacuum pump
systems:** packages using water as the seal liquid,
designed for no recovery (NR), partial recovery
(PR), or full recovery (FR)

**AquaSeal^{POWERGEN} condenser exhauster
systems:** full-recovery two-stage packages for
the power industry: from 9 - 60 SCFM at 1" Hg



ChemSeal

**Liquid ring vacuum pump systems for
solvent recovery:** full recovery (FR) packages
using a variety of liquids such as solvents, water
or chemicals as the seal fluid.



DuraVane

Rotary vane vacuum pump systems:
packaged systems are available in simplex, duplex
and triplex configurations for medical (NFPA 99),
laboratory and general industrial applications.



Vmax, Vmax^E and Vmax^{VFD}

**Oil-sealed liquid ring vacuum pump
systems:** The only system on the market with
a full 3-year warranty. All custom-engineered
systems off a 1-year warranty. Vmax systems
feature the patented DX-5 and DX-7 separators:
from 35 - 5,000 CFM, in both air- and
water-cooled designs. *New Variable Frequency
Drive is optional.*



CUSTOM-ENGINEERED SYSTEMS

DEKKER offers a wealth of experience in the
design of custom-built systems for industrial,
chemical and pharmaceutical applications.
All custom-engineered systems offer a
1-year warranty.

DEKKER
VACUUM TECHNOLOGIES, INC.

dekkervacuum.com

The Experts in Vacuum Solutions

888.925.5444

DEKKER ISO 9001
VACUUM TECHNOLOGIES, INC. 2015
CERTIFIED

NAME _____ PHONE _____ DATE _____

COMPANY _____ EMAIL _____

ADDRESS _____ FAX _____

APPLICATION DESCRIPTION _____

check all that apply ☐ REPLACEMENT ☐ WET ☐ CLEAN ☐ CORROSIVE ☐ NEW ☐ DRY ☐ DIRTY ☐ OTHER _____

CAPACITY _____ ☐ ACFM ☐ SCFM ☐ m³/hr ☐ OTHER _____

at _____ ☐ "HgV ☐ "HgA ☐ Torr (mmHgA) ☐ OTHER _____

VACUUM PUMP/SYSTEM CONFIGURATION		PUMP SPECIFICS (LIQUID RING)	
PUMP TYPE	<input type="checkbox"/> DEKKER'S CHOICE <input type="checkbox"/> LIQUID RING <input type="checkbox"/> ROTARY VANE <input type="checkbox"/> ROTARY PISTON <input type="checkbox"/> OTHER _____	MATERIALS	<input type="checkbox"/> ALL IRON <input type="checkbox"/> IRON W/BRONZE IMP. <input type="checkbox"/> ALL 316 S/S <input type="checkbox"/> IRON W/316 S/S IMP. <input type="checkbox"/> ALL DUCT. IRON <input type="checkbox"/> OTHER
SEAL FLUID	<input type="checkbox"/> DEKKER'S CHOICE <input type="checkbox"/> OTHER	SEAL TYPE	<input type="checkbox"/> SINGLE MECHANICAL SEALS <input type="checkbox"/> DOUBLE MECHANICAL SEALS <input type="checkbox"/> TANDEM MECHANICAL SEALS <input type="checkbox"/> OTHER
CONFIGURATION	<input type="checkbox"/> OIL-SEALED <input type="checkbox"/> WATER-SEALED, NO RECOVERY <input type="checkbox"/> WATER-SEALED, PARTIAL RECOVERY <input type="checkbox"/> WATER-SEALED, FULL RECOVERY <input type="checkbox"/> DRY <input type="checkbox"/> OTHER	SEAL MATERIAL	<input type="checkbox"/> DEKKER'S CHOICE <input type="checkbox"/> OTHER _____
INLET GAS	<input type="checkbox"/> AIR <input type="checkbox"/> SATURATED AIR <input type="checkbox"/> OTHER	ELECTRICAL SPECIFICATIONS	
APPLICATION CONDITIONS		VOLTAGE	<input type="checkbox"/> 208 <input type="checkbox"/> 460 <input type="checkbox"/> 230 <input type="checkbox"/> 575 <input type="checkbox"/> OTHER _____
ALTITUDE	_____ <input type="checkbox"/> FEET _____ <input type="checkbox"/> METERS	FREQUENCY	<input type="checkbox"/> 50 Hz <input type="checkbox"/> 60Hz
INLET TEMP	_____ <input type="checkbox"/> °F <input type="checkbox"/> °C	MOTOR POWER	_____ <input type="checkbox"/> HP <input type="checkbox"/> kW
AMBIENT TEMP	_____ <input type="checkbox"/> °F <input type="checkbox"/> °C	MOTOR ENCLOSURE	<input type="checkbox"/> TEFC <input type="checkbox"/> ODP <input type="checkbox"/> XP (CLASS I, DIV I, GR.D) <input type="checkbox"/> OTHER _____
COOL FLUID TEMP	_____ <input type="checkbox"/> °F <input type="checkbox"/> °C	CONTROL PANEL	<input type="checkbox"/> YES <input type="checkbox"/> NO
FLOW RATE	_____ <input type="checkbox"/> GPM _____ <input type="checkbox"/> LITERS/MIN _____ <input type="checkbox"/> OTHER	ENCLOSURE	<input type="checkbox"/> NEMA 1 <input type="checkbox"/> NEMA 7 <input type="checkbox"/> NEMA 4 <input type="checkbox"/> NEMA 12 <input type="checkbox"/> OTHER

IF THERE IS AN EXISTING PROBLEM, PLEASE DESCRIBE THE PROBLEM: _____

OTHER COMMENTS: _____