

# ***ECO-STAR***

## ***LIQUID RING VACUUM PUMP***

***Enables you to care for your patients,  
the environment AND your bottom line.***

- SAVES OVER 75% ON ELECTRICITY COSTS WHEN COMPARED TO SIMILAR VACUUM PUMPS
- VERY LOW WATER USAGE SAVES WATER AND SEWAGE COSTS
- UNIQUE IMPELLER AND HOUSING DESIGN
- VERY LOW MAINTENANCE COSTS
- VERY QUIET OPERATION AT ONLY 62 DECIBELS

We utilize a Variable Frequency Drive (VFD) to control the vacuum levels. With no suction being used, the motor is running one third the speed and using very little power. Every time a suction hose is being used the motor automatically speeds up to maintain constant suction.



**TECHWEST** INC

Manufacturers of Dental Vacuum  
and Air Systems

2625 N. Argyle Ave. • Fresno, CA 93727  
(559) 291-1650 • (800) 428-7139 • FAX (559) 348-9677

Our new ECO-STAR Vacuum Pump provides the advantages of proven technology, durable construction, quiet operation and high performance with the latest in water and energy-saving features. This is not only important to you as an environmentally responsible business owner, it also prepares your practice for the upcoming change to metered water usage in many areas of the country.

The new ECO-STAR pump features a variable-frequency drive (VFD) and a unique impeller and housing investment casting designed to lower the RPMs while maintaining high suction levels.

Our ECO-STAR vacuum pump's technological advances make it the first liquid-ring vacuum pump with energy-saving technology, in the dental industry.

## ECO-STAR LIQUID RING VACUUM PUMP

### FEATURES

Permanent magnet AC motor

Integrated VFD

Advanced impeller and chamber design

Soft start / Shut down purge

Eco friendly

### BENEFITS

Ultra high efficiency motor, low operating temperature-cooler running

Fully potted and water proof electronics

High flows, field adjustment vacuum

Shutting pump down automatically evacuates water out of pump to reduce starting load on next cycle

Features integrated water savings technology

## ECO-STAR LIQUID RING VACUUM PUMP

MODEL NUMBER	# OF USERS	# OF HEADS	VOLTS	BREAKER SIZE	H.P.	AIR WATER SEP	DB(A)	EQUIP. HEIGHT	EQUIP. DEPTH	EQUIP. WIDTH	EQUIP. WEIGHT	SHIPPING HEIGHT	SHIPPING DEPTH	SHIPPING WIDTH	SHIPPING WEIGHT
ESL2S	2-3	1	208/230	20	1	NO	62	17	14	15.5	61	24	16	16	77
ESL4D	4-6	2	208/230	2X20	2X1	YES	63	30	20	30	168	34	23	37	190
ESL5S	4-5	1	208/230	20	2	NO	62	17	14	15.5	61	24	16	16	77
ESL10D	8-10	2	208/230	2X20	2X2	YES	63	30	20	30	168	34	23	37	190

Revised 2/16

**FIVE-YEAR, 5000 HR. WARRANTY**

Exceeds NFPA 99C Guidelines



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**FDA**  
RECOGNIZED