

PFS / TRAVAINI VACUUM PUMPS FOR THE POWER INDUSTRY

At the heart of our **Condenser-Exhauster systems** is the reliable **Travaini two-stage liquid ring vacuum pump**. Travaini has been a world leader in the field of vacuum technology for over 80 years. Today, many of our vacuum pumps installed in engineered systems are still operating after thousands of hours of trouble-free operation.

The emphasis on our Condenser-Exhauster vacuum pump for the **POWER INDUSTRY** is reliability, low maintenance and customization. Your turbines need to run at optimum efficiency. Travaini's high vacuum pumps with innovative designs offers superior evacuation capabilities when compared to steam ejectors. Premier Fluid Systems has taken great care to use high quality components for long and trouble-free operation.

FEATURES & BENEFITS

SUPERIOR PERFORMANCE:

High condensing capabilities with the Travaini two-stage liquid ring vacuum pump driven at low speeds result in higher efficiency at high vacuum.

MINIMAL MAINTENANCE:

Pump rotor is the only moving part with no metal-to-metal contact and/or valves. Outside mounted bearings are the only components requiring periodic greasing.

CUSTOMIZATION:

Basic pre-engineered designs with expandable heat exchanger (plate & frame or shell & tube) for customized conditions. Variety of materials offered to meet specific installation conditions

DESIGNED FOR CONTINUOUS OPERATION: over the full vacuum range without overheating or overloading. Exceptional evacuation characteristics during condenser pump down (hogging) and smooth transition to holding operation.

LOW VIBRATION / NOISE: Systems require no special foundations or anti-vibration mountings. Noise level below 85 dBA at 1 metre (3 feet).

HIGH-QUALITY MANUFACTURING STANDARDS:

Travaini pumps and PFS packages are manufactured under ISO 9001:2008 quality control standards. Completely assembled, wired and tested at our factory. History docket with all documentation is part of our standard supply.

MADE IN CANADA: Condenser-Exhauster Vacuum Systems are designed, built and tested in our Burlington, Ontario facilities.

Available CPV Sizes

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|------------------|----------------------------------|
| Dry Air Capacity | 5 to 25 SCFM @ 1" Hg.A (34 mbar) |
| Motor range | 30 to 125 HP |



Premier Fluid Systems
Canadian Home of Travaini Pumps

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DATE : APRIL 2010

N°.: 2.20