

**WATER SEALED FULL RECOVERY SYSTEMS "HYDROSYS"**  
**SINGLE STAGE AND TWO STAGE VACUUM PUMPS**  
**TRS-TRM -TRV-TRH**

**TECHNICAL DATA SHEET**

**Standard Components**

- Travaini base mounted liquid ring vacuum pump
- Heavy duty flexible coupling, requires no field alignment or lubrication
- NEMA motors, TEFC 3 Phase, 50 or 60 Hertz, class F insulation, 1.15 service factor
- Common carbon steel baseplate
- Seal liquid separator reservoir in carbon steel complete with sight level indicator, overflow and drain valve
- Automatic make-up valve for the separator
- Shell & Tube heat exchanger with brass shell and copper tubes selected with 6°C approach when using 15°C cooling water
- Seal liquid line Y-strainer, isolating valve, temperature gauges, flow control valve and compound gauge
- Inlet vacuum type check valve
- Vacuum gauge, liquid filled, 2-1/2" Dial
- Service water piping and fittings all galvanized.

**Engineered Options**

- Electrical control panel with NEMA 12 enclosure and following components:  
Simplex - Full voltage starter with overloads, control transformer, start/stop push button, pump operating light, hour meter.  
Duplex - Two full voltage starters with overloads, two H-O-A selector switches, one control transformer, two pump operating lights, two hour meters, automatic alternation, two vacuum switches field adjustable.
- Inlet isolating valve
- Vacuum receiver, ASME coded, galvanized inside and outside
- Flexible pipe connectors to facilitate piping alignment and eliminate pipe strain on system components
- Fused disconnect or circuit breaker switch
- Warning lights and/or alarms
- Dual control transformers, Programmable controller and Custom built electrical panels are available.



**Premier Fluid Systems**  
Canadian Home of Travaini Pumps

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