

**WATER SEALED ONCE THROUGH "SOT" AND PARTIAL  
RECOVERY "SPR" SYSTEMS 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
- Pump mounted separator reservoir
- Seal liquid line solenoid valve, Y-strainer, isolating valve, flow control valve and compound gauge for the pump service liquid
- Inlet vacuum type check valve
- Vacuum gauge, liquid filled, 2½" Dial
- Service water piping and fittings all galvanized

**Standards Components, Partial Recovery Systems**

These systems include the components as for once through systems plus:

- Partial recovery systems feature the return line from separator to pump service water line to minimize the water consumption by 50% and more.

**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

4460 Harvester Rd. Burlington, Ont. Canada, L7L 4X2  
Tel: 1-800-461-2611 or (905) 637-2611 Fax: (905) 333-4722  
Email: info@pfspumps.com Website: www.pfspumps.com

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