



**Water Sealed No Recovery & Partial Recovery Technical Data Sheet**  
**TRH 32, 40 & 50 SERIES**

**Standard Components**

- ◆ Travaini base mounted liquid ring vacuum pump
- ◆ Heavy duty flexible coupling, requires no field alignment or lubrication
- ◆ NEMA C-face, TEFC, 3 phase. 60 hz, 230/460 volt, class F, 1.15 service factor motor
- ◆ Separator reservoir
- ◆ Seal liquid solenoid valve, includes Y-strainer and stop valve
- ◆ Seal water flow control
- ◆ Inlet check valve
- ◆ Vacuum gauge
- ◆ Globe Valve\*
- ◆ Y-Strainer\*
- ◆ Temperature Gauge\*

**Pre-Engineered Options**

- ◆ Inlet filter (used for applications where a high carry-over of solids can be expected)
- ◆ Vacuum relief valve installed on pump suction (used to control maximum vacuum level)\
- ◆ Flow switch
- ◆ Temperature gauge
- ◆ Vibration Mounts (Shipped Loose)

**Engineered Options (these options will extend standard lead times)**

- ◆ 460 volt, 3 phase, and 60 hz control panel with the following components:  
**Simplex:** Full voltage starter c/w overloads control transformer, start/sop button, pump running light, and hour meter, mounted in NEMA 12 panel.  
**Duplex:** Full voltage starters c/w overloads, one control transformer, two HOA switches, two running lights, two hour meters, auto alternation, and frequent start protection, mounted in NEMA 12 panel. Two vacuum switches are also standard.
- ◆ Inlet isolate valve (used to isolate pump operating on a common manifold)
- ◆ Vacuum receiver, ASME coded, standard, galvanized or epoxy coated
- ◆ Flexible pipe connectors (used to eliminate pipe stain on system components)
- ◆ Warning lights and audible alarms
- ◆ Fused disconnects or circuit breakers
- ◆ Dual control transformers (multiple pump systems)
- ◆ Programmable controllers (multiple)
- ◆ Custom build electrical panels

System Model	Inlet/Outlet	Seal Water Line Size	Pump Model
TRW 04H-NR/PR	1 ¼"	3/8"	TRHE 32-4
TRW 15H-NR/PR	1 ¼"	3/8"	TRHE 32-20
TRW 30H-NR/PR	1 ¼"	3/8"	TRHE 32-45
TRW 40H-NR/PR	1 ¼"	3/8"	TRHE 32-60
TRW 75H-NR/PR	1 ½"	½"	TRHC 40-110
TRW 100H-NR/PR	1 ½"	½"	TRHC 40-140
TRW 130H-NR/PR	1 ½"	½"	TRHC 40-190
TRW 200H-NR/PR	2"	½"	TRHB 50-280
TRW 250H-NR/PR	2"	½"	TRHB 50-340

\* = For Partial Recovery Systems