

# TRVN 65

## Single-Stage Liquid Ring Vacuum Pump



- CAPACITY** : 25 to 760 TORR  
: 50 to 165 CFM
- FEATURES** : Single stage rotating pump with externally located bearings grease lubricated for life.
- SHAFT SEALING** : Mechanical seal - Double Mechanical seal optional.
- OPTIONS ACCESSORIES** : Direct monobloc with electric motor  
: (Optional) Flange mounted air-liquid separator tank, non-return valve, vacuum relief valve, vacuum gauge and piped service liquid line with isolating valve, Y-strainer, 1/60/120 solenoid valve, flow regulating valve and compound gauge



### TECHNICAL DATA

PUMP TYPE		TRVN 65-250					
Speed	RPM	1450	1750				
Motor - installed power	HP	10	15				
Avg. service liquid flow	GPM	7	7				
Noise level at 150 Torr	dB(A)	72	74				
Min. suction pressure	Torr	25	25				

### MODEL DESIGNATION

TRVN 65 - 250 / C / A3 / Z6	
T	Travaini manufacturer
R	Liquid ring pump
V	Single impeller pump with valves for medium and high vacuum
N	Design Code (with Lantern)
65	Flange size (mm)
250	Nominal capacity (m <sup>3</sup> /h)
C	Shaft Sealing C = Mechanical seal C2 = Double Mech. Seal back to back
A3	Materials of Construction (see table)
Z6	ANSI Flanges – Suction/Discharge NPT – Service Liquid Motor Lantern – NEMA

STANDARD MATERIALS OF CONSTRUCTION **		
Part No.	Description	A3
101	Suction/Discharge casing	Stainless Steel AISI 316
120	Rear casing	
210	Shaft	
230	Impeller	
330 353	Bearing housing	Cast iron
347	Motor lantern	

\*\*Special Materials Available Upon Request

-Request information on our HYDROSYS and DYNASEAL engineered vacuum systems

-For further information please consult Premier Fluid Systems Inc at [www.pfspumps.com](http://www.pfspumps.com).