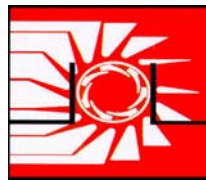


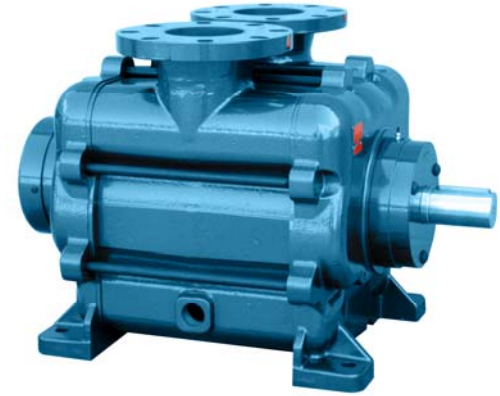
# TRVX 1000

## Single Stage Liquid Ring Vacuum Pump



# TRAVAINI

- PRESSURE RANGE** : 25 to 760 TORR
- CAPACITY** : 100 to 580 CFM
- FEATURES** : Single stage rotating pump with externally located greasable bearings
- SHAFT SEALING** : Mechanical seal - Double mechanical seal optional
- OPTIONS** : Bareshaft pump - Coupled to electric motor on baseplate - Monoblock with electric motor
- ACCESSORIES** : (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		TRVX 1003		TRVX 1004		TRVX 1005		TRVX 1007	
Speed	RPM	1450	1750			1450	1750	1450	1750
Motor - installed power	HP	20	30			25	40	30	40
Average service liquid flow	GPM	9	9			10	10	11	11
Noise level at 150 Torr	dB(a)	70	73			70	73	70	73
Minimum suction pressure	Torr	25	25			25	25	25	25

### STANDARD MATERIALS OF CONSTRUCTION\*\*

Part No.	Description	RX	F	RA	A3
103	Impeller Casing	Cast Iron			
106	Suction Casing				
107	Discharge Casing				
137	Port Plate	AISI 304SS		AISI 316 SS	
210	Shaft	AISI 420 SS			
357	Impeller	AISI 304 SS	Ductile Iron		
230	Bearing Housing	Cast Iron			

### MODEL DESIGNATION

TRVX 1007/1C-M / RX	
T	Travaini Manufacturer
R	Liquid Ring Pump
V	Single Impeller Pump with Valves for medium and high Vacuum
X	Design Code
100	Flange Size (mm)
7	Hydraulic Size
C	Shaft Sealing C = Mechanical Seal C2 = double Mech. Seal
M	Close-Coupled construction with Lantern (available upon request)
RX	Materials of Construction (see table)

\*\* Special Materials Available Upon Request  
 -Request information on our HYDROSYS and DYNASEAL engineered vacuum systems  
 -For further information please consult Premier Fluid Systems Inc.



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