

**TRVX1000**  
**Single Stage**  
**Liquid Ring Compressor**



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 Yorktown, VA 23693  
 1-800-535-4243  
 www.Travaini.com



<b>Pressure Range</b>	5 to 44 PSig
<b>Capacity</b>	200 to 550 CFM
<b>Features</b>	Single-Stage vacuum pump with external bearings, vari-port design
<b>Shaft Sealing Options</b>	Mechanical seal (standard) Double mechanical seal Stuffing box
<b>Options</b>	Bareshaft pump Coupled to electric motor Monoblock
<b>Optional Accessories</b>	Available as a component in larger assembly

**Technical Data**

PUMP TYPE		TRVX1003	TRVX1005	TRVX1007
Speed	RPM	1780	1780	1780
Motor - installed power	HP	80	100	100
Average service liquid flow	GPM	17	20	20
Noise level at 150 Torr	dB(A)			
Maximum Pressure	PSig	43	43	43

**Standard Materials of Construction\*\***

Part No.	Description	F	RX	RA	A3
106	Suction casing	Cast iron			Stainless steel AISI 316
107	Discharge casing				
110	Impeller housing				
210	Shaft	Stainless steel AISI 420	Stainless steel AISI 316		
357	Bearing housing	Cast iron			
230	Impeller	Ductile iron	Stainless steel AISI 304	Stainless steel AISI 316	

**Model Designation**

<b>TRVX1007/C/RA</b>	
T	Travaini manufacturer
R	Liquid ring pump
V	Single stage vacuum pump With vari-port design
X	Design revision
100	Flange size (mm)
7	Hydraulic size
C	Shaft sealing: C = Mechanical seal C2 = Double mechanical seal B = Packing seal
RA	Materials of construction (see table)

\*\*Special materials available upon request

-Request for information on our WATERSEAL and DYNASEAL engineered vacuum systems

-For further information please consult Travaini Pumps USA.

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