

**TRHB50  
Two-Stage  
Liquid Ring Vacuum Pump**



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www.Travaini.com



<b>Pressure Range</b>	25 to 760 TORR
<b>Capacity</b>	119 to 278 CFM
<b>Features</b>	Two stage vacuum pump with external sealed bearings
<b>Shaft Sealing Options</b>	Mechanical seals (Double mechanical seals or stuffing box optional)
<b>Options</b>	Bareshaft pump Coupled to electric motor Monoblock with electric motor
<b>Optional Accessories</b>	Available as a component in larger assembly

**Technical Data**

PUMP TYPE		TRHB50-280	TRHB50-340	TRHB50-420
Speed	RPM	1750	1750	1750
Motor - installed power	HP	15	20	25
Average service liquid flow	GPM	8	10	12
Noise level at 150 Torr	dB(A)	73	73	74
Minimum suction pressure	Torr	25	25	25

**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>TRHE50-420/C/RA</b>	
<b>T</b>	Travaini manufacturer
<b>R</b>	Liquid ring pump
<b>H</b>	Two stage Pump
<b>B</b>	Design revision
<b>50</b>	Flange size (mm)
<b>420</b>	Nominal capacity (m <sup>3</sup> /hr)
<b>C</b>	Shaft sealing: C = Mechanical seal C2=Double mechanical seal B = Packing seal
<b>RA</b>	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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