

**TRHE40
Two-Stage
Liquid Ring Vacuum Pump**



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TRHE40-60 & 110



TRHE40-140&190

Pressure Range	25 to 150 TORR	Shaft Sealing Options	Mechanical seal (double mechanical seals or stuffing box optional)
Capacity	33 to 133 CFM	Options	Bareshaft pump Coupled to electric motor Monoblock with electric motor
Features	Two stage vacuum pump with external sealed bearings.	Optional Accessories	Available as a component in a larger assembly

Technical Data

PUMP TYPE		TRHE40-60	TRHE40-110	TRHE40-140	TRHE40-190
Speed	RPM	1750	1750	1750	1750
Motor - installed power	HP	5	7.5	7.5	10
Avg. service liquid flow	GPM	3	3.5	3.5	3.7
Noise level at 150 Torr	dB(A)	68	68	68	68
Min. suction pressure	Torr	25	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

TRHE40-140/C/RA	
T	Travaini manufacturer
R	Liquid ring pump
H	Two-stage Pump
E	Design revision
40	Flange size (mm)
140	Nominal capacity (m ³ /hr)
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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