

TRHE40
Two-Stage
Liquid Ring Compressor



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Pressure Range	3 to 19 PSIG
Capacity	35 to 73 CFM
Features	Two stage vacuum pump with external sealed bearings
Shaft Sealing Options	Mechanical seals (Double mechanical seals or stuffing box optional)
Options	Bareshaft pump Coupled to electric motor Monoblock with electric motor
Optional Accessories	Available as a component in larger assembly

Technical Data

PUMP TYPE		TRHE40-140	TRHE40-190
Speed	RPM	1450	1450
Motor - installed power	HP	15	10
Average service liquid flow	GPM	4	5
Noise level at 150 Torr	dB(A)		
Maximum Pressure	PSIG	20	17

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

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

*Applies to vacuum systems

**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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