



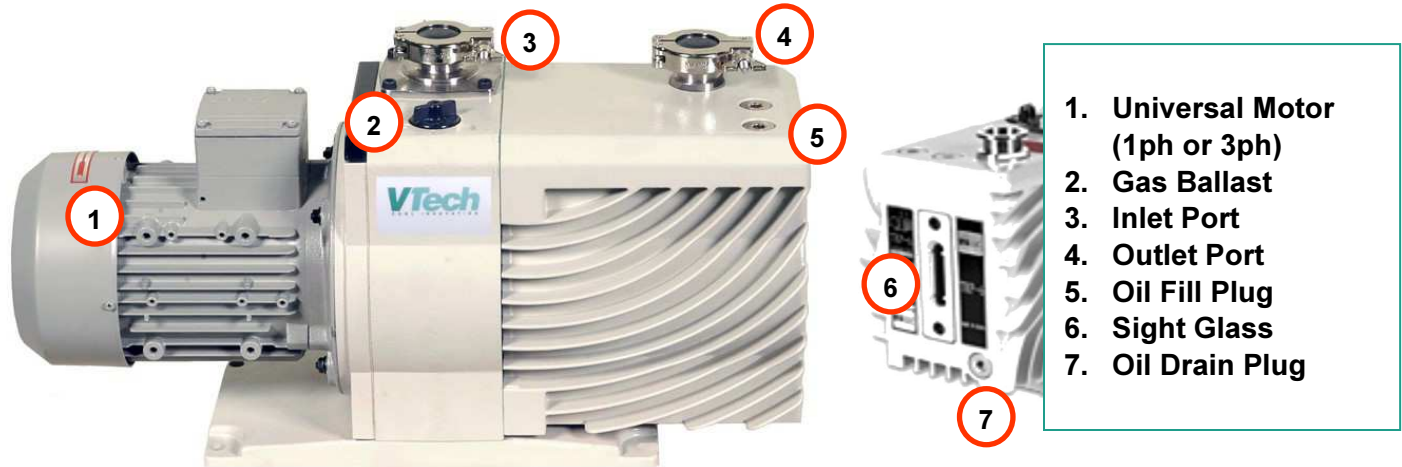
The **VTech TRP Series High Vacuum Pumps** have been designed to meet the needs of industrial users for non-corrosive environment applications such as Air Conditioning and Refrigeration manufacturing. They are utilized for both pre-evacuation carousels as well as integrated into VTech leak testing and refrigerant charging equipment.

The **TRP Series Two-Stage Pumps** deliver excellent ultimate vacuum, high pumping speed, quiet and cool operation and easy maintenance. Durability and product support are additional highlights of these pumps. Enhanced features not available on service-style pumps include an anti-suckback device, continuous duty cycle rating and low ultimate vacuum.

#### MAIN FEATURES:

- **Long-life:** forced lubrication and virtually vibration-free operation, contribute to less wear and trouble-free service life
- **Modular Construction:** replacement parts interchangeable with different size models
- **Cool-running:** forced ventilation maintains optimum operating temperatures, extending oil and gasket life
- **Quiet:** Operate at or below ambient noise levels in the production environment

## Pump Design



1. Universal Motor (1ph or 3ph)
2. Gas Ballast
3. Inlet Port
4. Outlet Port
5. Oil Fill Plug
6. Sight Glass
7. Oil Drain Plug

## Pump Selection Guide

Seven different sizes are available, ranging from 6 m<sup>3</sup>/h (3.8 cfm) to 90 m<sup>3</sup>/h (57.1 cfm):

Model	Displacement (cfm) @ 60 Hz	Displacement (m <sup>3</sup> /h) @50 Hz
TRP6	3.8	6.0
TRP12	7.6	12.0
TRP24	15.2	24.0
TRP36	22.8	36.0
TRP48	30.5	48.0
TRP60	38.0	60.0
TRP90	57.1	90.0

### Available Accessories:

- Oil Mist Filters
- Application specific high vacuum hardware such as tees, valves, condensate separators etc.
- Vacuum Hoses, Gauges, Gauge Controllers, etc.

## Pump Specifications

Model	TRP6	TRP12	TRP24	TRP36	TRP48	TRP60	TRP90
Ultimate Partial Pressure w/out gas ballast (Torr) *	5 x 10 <sup>-4</sup>						
Ultimate Partial Pressure with gas ballast (Torr) *	5 x 10 <sup>-3</sup>						
Oil Capacity (Liter)	1.1	1.3	1.4	1.8	3.8	5.5	6.5
Inlet/Outlet Port Flange Size	KF25	KF25	KF25	KF25/40	KF40	KF40	KF40
Motor Power (Kw) 3ph 230/460V / 1ph 115-230 V	0.4/0.55	0.4/0.55	0.75/0.75	0.75/-	1.5/-	2.2/-	2.2(3)/-
Rotational Speed @ 60 Hz (rpm)	1,740						
Noise level (w/out gas ballast) dB	50	50	52	52	56	56	56
Weight (lb./kg)	50/22.6	55/24.9	80/36.2	85/35.5	140/63.5	180/81.6	195/88.4

\*According to Pneurop Specifications