

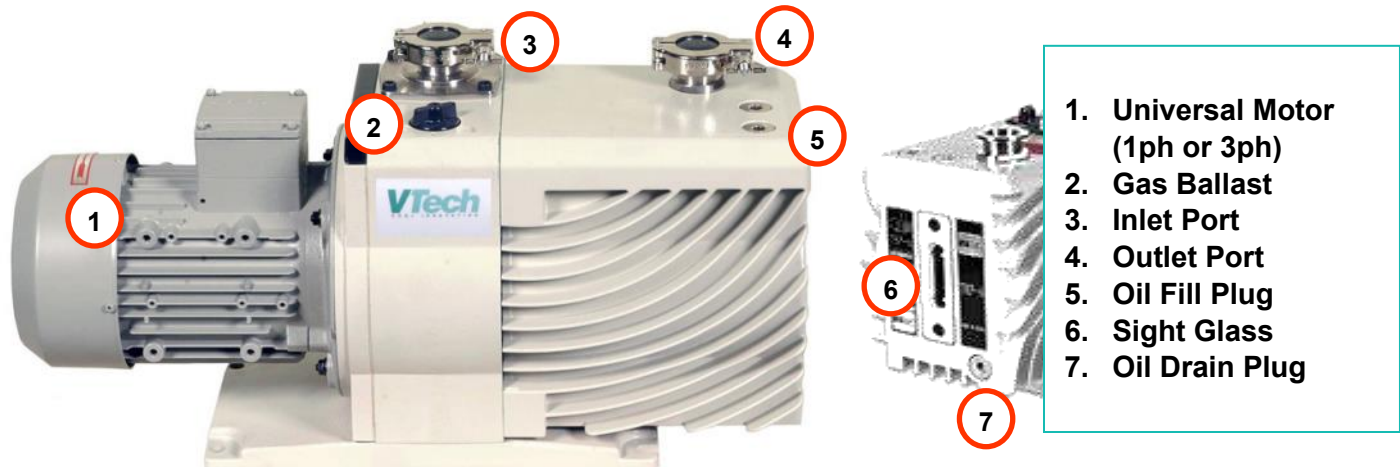
The **VTech VTP Series High Vacuum Pumps** have been designed to meet the needs of industrial users for non-corrosive environment applications such as Air Conditioning and Refrigeration manufacturing. They are utilized for both pre-evacuation carousels as well as integrated into VTech leak testing and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

The **VTP 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) @60 Hz
VTP6	3.5	6.0
VTP12	7.06	12.0
VTP24	14.1	24.0
VTP36	21.2	36.0
VTP60	35.3	60.0
VTP90	53.0	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	VTP6	VTP12	VTP24	VTP36	VTP60	VTP90
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	1.2	2.0	2.3	4.5	6.5
Inlet/Outlet Port Flange Size	KF25	KF25	KF25	KF25	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/-	2.2/-	2.2(3)/-
Rotational Speed @ 60 Hz (rpm)	1,750					
Noise level (w/out gas ballast) dB	50	50	52	52	56	56
Weight (lb./kg)	46/21	49/22.5	84/38	90/41	150/68	185/84

\*According to Pneurop Specifications