

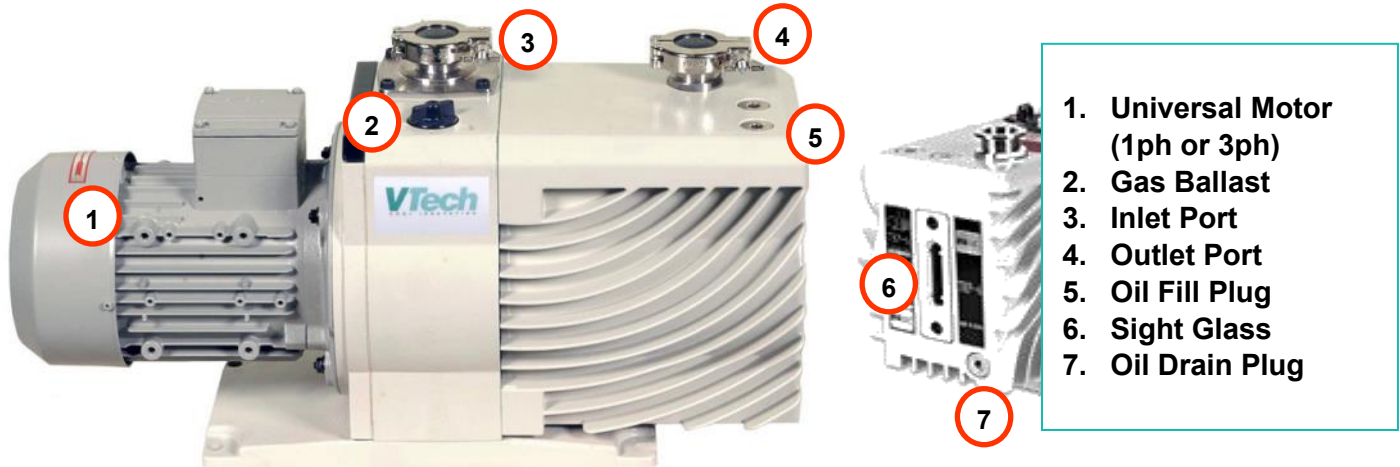
The **VTech VTP Series High Vacuum Pumps** have been designed to meet the needs of industrial users for non-corrosive environment applications such as Air Conditioning and Refrigeration manufacturing. They are utilized for both pre-evacuation carousels as well as integrated into VTech leak testing and 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 m³/h (3.8 cfm) to 90 m³/h (57.1 cfm):

Model	Displacement (cfm) @60 Hz	Displacement (m ³ /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 ⁻⁴					
Ultimate Partial Pressure with gas ballast (Torr) *	5 x 10 ⁻³					
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