

# Vacuum Pumps Designed for Laboratory / Refrigeration Evacuation



## PORTABLE HIGH VACUUM ROUGHING PUMP Two Stage



**The Viper Series VR-03 2-stage rotary vane vacuum pumps** are capable of producing final pressures of .025 Torr .

The VR03 features a compact simple design with quiet are-cooled operation. Standard Features include direct drive 110v motor, power cord, on-off switch, carrying handle, rubber mounting feet and discharge air baffle. Pumps also include an inlet adapter fitting for 1/4" SAE & 3/8" SAE connections..

General Dimension  
12.5"x5.5"x10"

Model		VR-03
Displacement	CFM	3
Ultimate Vacuum	TORR	.025mm Hg
Noise Level	Db(A)	54
Motor	HP	1/3
Pump Speed	RPM	3450
Oil Capacity	ml	250
Inlet Connection	inches	3/8" (1/4" SAE & 3/8" SAE adapter)
Pump Weight	Lbs	19

Viper VR-03 Pumps are ideally suited for use in applications requiring high vacuum such as automotive & commercial air conditioning systems, vacuum ovens, freeze dryers, vacuum degassing and more.

All Viper 2-Stage series pumps are made for high vacuum applications, prolonged operation at pressures above 10mm may result in pump damage. For applications above 10mm the Viper single stage pump may be a better selection, please contact Onyx engineering for more information..