

# VIMAC<sup>®</sup>

VEHICLE MOUNTED AIR COMPRESSORS

**COMPACT. POWERFUL.™**



DESIGNED FOR  
**RAM**  
PROMASTER

## **UNDERHOOD**LITE

**THE LIGHTEST AND MOST COMPACT  
30 CFM ONBOARD AIR COMPRESSOR**





# UNDERHOODLITE

## Why choose VMAC's UNDERHOOD LITE air compressor system?

If you could safely and easily equip your ProMaster® van with an air compressor that is easy to use, frees up valuable storage space, eliminates damage to the vehicle, and keeps up with the work you do, what would you do? The VMAC UNDERHOOD LITE air compressor system moves the compressor from inside the van body and mounts it under the hood of your 3.6L RAM® ProMaster®. **Compact, powerful, safe and efficient - What more could you want from your service van's air compressor?**

### Handle Any of Your Compressed Air Needs

The powerful LITE air compressor provides 30CFM and up to 150PSI of air, easily handling any job. 100% duty cycle means you will never run out of air while using your 1/2" impact wrench. The controls are easy to use. An automatic pressure switch engages the custom Ogura clutch on the compressor when the system is building air, and disengages the clutch when it reaches pressure.

### Free Up Your Cargo Space

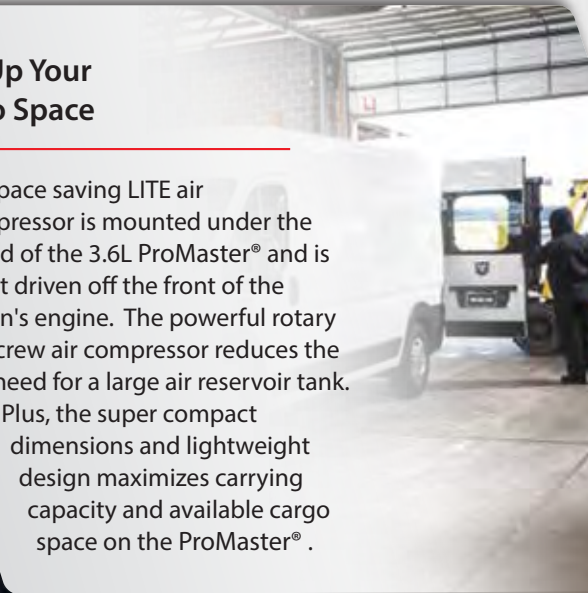
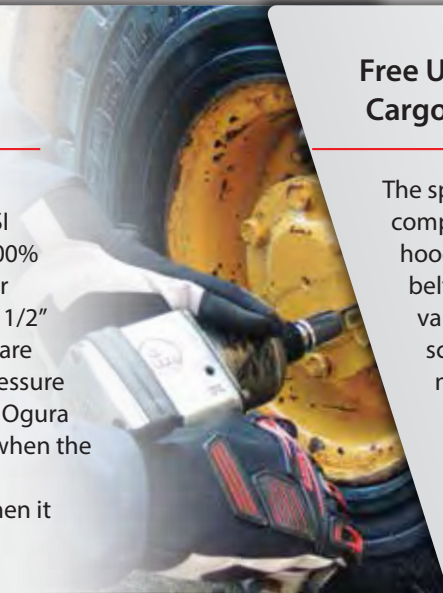
The space saving LITE air compressor is mounted under the hood of the 3.6L ProMaster® and is belt driven off the front of the van's engine. The powerful rotary screw air compressor reduces the need for a large air reservoir tank. Plus, the super compact dimensions and lightweight design maximizes carrying capacity and available cargo space on the ProMaster®.

### Make Operations Safe

The safe LITE air compressor eliminates the need to run gas engine powered air compressors in the back of the ProMaster®. This prevents exhaust emissions that are harmful to drivers and operators. Refueling gas tanks over a hot muffler inside a van is dangerous. Excessive heat generated by the compressor's engine operating inside the van can also cause damage to the side panels.

### Lower Operational Costs

The affordable LITE air compressor delivers the ROI you require. With patented rotary screw technology, productivity can be improved by reducing the amount of time operators are waiting for air pressure to build. Get jobs done faster and get customers back to work with the UNDERHOOD LITE air compressor system.



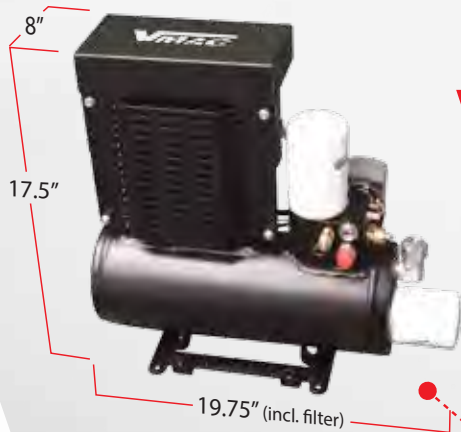
## How It Works

### UNDERHOOD LITE

The LITE compressor mounts under the hood of your ProMaster® van. To operate, simply shift your ProMaster® van into park and engage the parking brake. With the engine idling, a simple on/off switch turns on the compressor system. Once on, an electric clutch engages on the compressor, the engine idles up, and the rotary screw compressor delivers a steady, continuous flow of air to your tools.

### WHASP TANK

The WHASP Tank is an integrated cooler/tank that mounts in the cargo area on your ProMaster® van. An air/oil mixture is thrust from the compressor to the WHASP Tank that both cools the air/oil mixture, and separates and then recirculates the oil back to the compressor. The compressed air flows continuously to your auxiliary air receiver tank and onto your air tools.



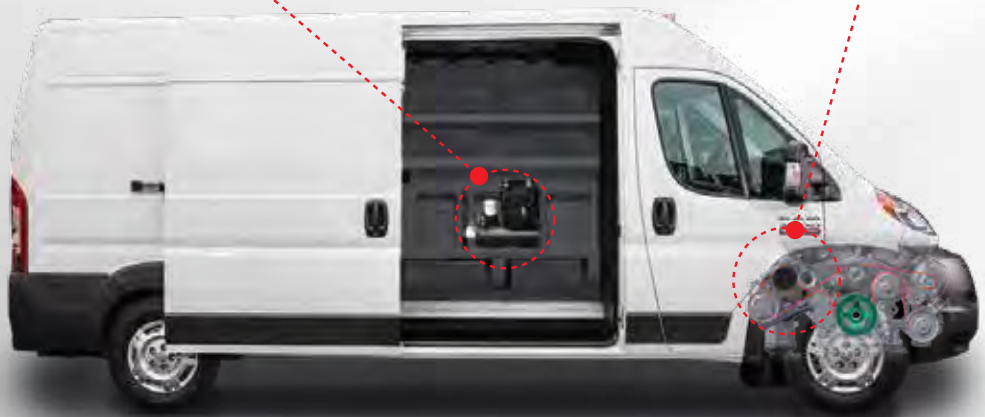
VMAC WHASP Tank



*The LITE's simplified design means a quick install time to minimize downtime.*

### VMAC UNDERHOOD LITE Air Compressor

30CFM with 100% duty cycle, VMAC oil-injected rotary screw air compressor



### Reduce Harmful Emissions

Switching to the environmentally friendly LITE air compressor allows the vehicle's own strict emissions technology to reduce the amount of mono-nitrogen oxides, nitric oxide, and nitrogen dioxide being released into the atmosphere.





**COMPACT. POWERFUL.™**

# UNDERHOODLITE

**ONBOARD AIR COMPRESSOR FOR YOUR VAN**



## UNDERHOOD LITE Specifications

Compressor Type	Belt Driven, 100% duty cycle, VMAC oil-injected rotary screw
Rated Air Capacity	30CFM @ 100PSI (150PSI Max.)
Weight (wet)	Approx. 62lbs (28.1 kg)
WHASP Tank	Combined oil cooler and air/oil separator tank
WHASP Dimensions	17.5"(h) x 8"(w) x 19.75"(l), including oil filter
Bracket	Application engineered, easy installation
Throttle Control	Two speed operation (base and elevated idle)
Displays and Controls	Easy to read hour meter, high idle speed adjustment
Safety Features	<ul style="list-style-type: none"><li>• Compressor thermal protection circuit</li><li>• Automatic rapid blow-down valve on tank</li><li>• 200PSI pressure relief valve</li><li>• Parking brake must be engaged and van must be in park for the system to start</li></ul>



LEARN MORE



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