

# UNDERHOOD<sup>®</sup> 40

## AIR COMPRESSORS

### TRUCK SERIES WITH ADVANCED DIGITAL CONTROLS



#### BENEFITS



##### Free Up To 23 Cubic Feet On Your Truck Deck

UNDERHOOD<sup>®</sup> 40 air compressors free up to 23 cubic feet on the truck deck or cargo area because the air compressor mounts in the engine compartment. The only space required on the truck deck or cargo area is 1.7 cubic feet for a combined air/oil cooler and air/oil separator tank.



##### Decrease Truck GVW By Up To 290 lb

UNDERHOOD40 air compressors reduce truck GVW by as much as 290 lb. Choosing a lightweight air compressor means you'll be able to add more tools and equipment to your truck, carry more materials, or take advantage of better fuel economy.



##### Up to 40 CFM, 100% Of The Time

UNDERHOOD40 air compressors use patented rotary screw technology designed to run at 100% duty cycle without stopping, so operators don't have to wait for their air compressor to fill up a large air receiver tank.

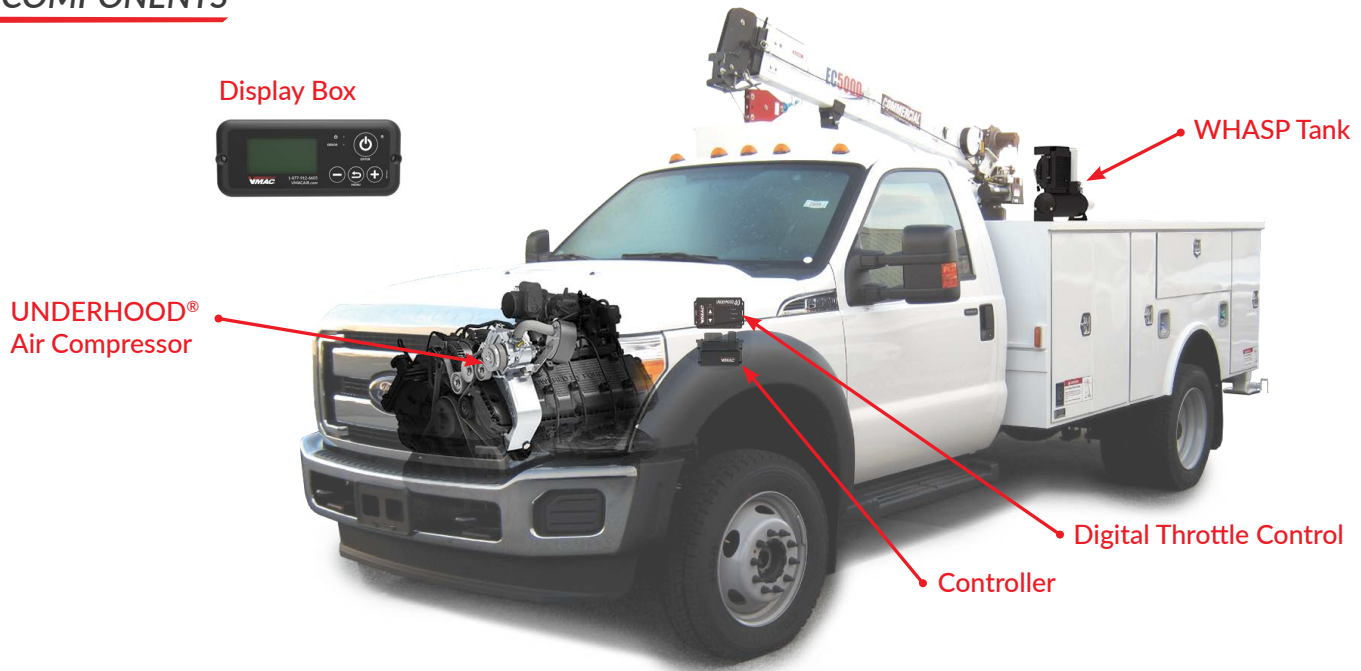


##### Advanced Digital Controls & Telematics\*

The UNDERHOOD40 features VMAC's advanced digital controls, complete with telematics, built-in soft start, safety controls, and enhanced diagnostics. VMAC's advanced digital controls integrate with the vehicle and provide more information about your compressor than ever before, making it easy to monitor the performance of your system and plan maintenance intervals.

*\*Available for most popular 2023+ model year commercial work trucks; see application list for details.*

## COMPONENTS



## SPECIFICATIONS

<b>Air Compressor Output</b>	Up to 40 CFM @ 100 psi (150 psi max)
<b>Air Compressor Type</b>	Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw
<b>Total System Weight (wet)</b>	Approximately 62 lb (28 kg)
<b>WHASP Tank</b>	<ul style="list-style-type: none"><li>» Combined air/oil cooler, air/oil separator tank</li><li>» 19.75" (l) x 8.0" (w) x 17.5" (h); 44.5 cm (l) x 20.3 cm (w) x 50.2 cm (h)</li></ul>
<b>Digital Throttle Control</b>	<ul style="list-style-type: none"><li>» Two-speed operation</li><li>» Automatically modulates engine RPM depending on air usage</li></ul>
<b>Display Box</b>	<ul style="list-style-type: none"><li>» On/Off function of compressor</li><li>» OLED displays real-time system information, service notifications &amp; informative diagnostics messages</li><li>» Interface for adjusting all compressor and throttle control settings</li></ul>
<b>Control Module (Controller)</b>	<ul style="list-style-type: none"><li>» Continually monitors sensor health and safety interlocks</li><li>» Optional telematics provide real-time diagnostics, system use, hours, service intervals, remote start/stop, and error codes through industry standard J1939 interface</li></ul>
<b>Safety System</b>	<ul style="list-style-type: none"><li>» Automatic system checks prior to engaging compressor</li><li>» Compressor temperature, pressure &amp; blowdown sensors</li><li>» Compressor thermal protection circuit</li><li>» Open/short circuit real-time diagnostics on sensors</li><li>» Automatic rapid blow-down valve &amp; 200 psi air pressure relief valve on WHASP tank</li><li>» Safety interlocks fully integrate into the control system, including transmission park signal and parking brake</li><li>» Air-to-liquid cooler fan automatically engages when needed</li></ul>
<b>Air Receiver Tank</b>	Minimum 6-gallon air receiver tank required, not included, for best performance
<b>Warranty</b>	Two years on all major components; VMAC air-ends are covered by VMAC's Lifetime Warranty (Limited); for details, visit <a href="http://www.vmacair.com/warranty">www.vmacair.com/warranty</a>

\*Advanced Digital Controls & Telematics available for most popular 2023+ model year commercial work trucks; see application list for details.

