



# VMAAC<sup>®</sup>

VEHICLE MOUNTED AIR COMPRESSORS



**UNDERHOOD**  
**AIR COMPRESSORS**

1-800-738-8622 | [www.vmacair.com](http://www.vmacair.com)

**COMPACT. POWERFUL.<sup>™</sup>**



## GET THE FACTS

### UNDERHOOD VS ABOVE DECK

ROTARY SCREW COMPRESSOR

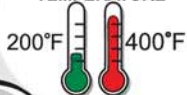
RECIPROCATING COMPRESSOR

100%  
DUTY CYCLE



Saves valuable weight and space for important cargo.

AVERAGE OPERATING TEMPERATURE



Occupies space in your truck's cargo area.

AVERAGE 70%  
DUTY CYCLE



150lbs  
operational weight

1 ENGINE TO MAINTAIN



MAINTENANCE BILLS



450lbs  
operational weight

2 ENGINES TO MAINTAIN



**FUEL COSTS:** Is your compressor costing you thousands in fuel costs every year?

- The UNDERHOOD can decrease your truck's weight by up to 2,000 lbs and improve your fuel efficiency by as much as 20%
- The UNDERHOOD is made from aluminum components, which are light-weight and durable, so you do not sacrifice performance
- The UNDERHOOD completely eliminates the air compressor footprint on the truck



**EMISSIONS:** Are excessive emissions increasing health and safety risks, adding large fines to your bottom line, or eliminating your company from government tax credits and grants?

- An UNDERHOOD runs at 100% duty cycle while in use, getting the job done faster with less fuel consumption
- Decreased trips to job site = decreased emissions and decreased fuel consumption
- Air on demand produces as much air as your tool is drawing, not an excess
- Decreased trips to job site = mitigated risk



**PAYLOAD:** Is your payload capacity being wasted?

- An UNDERHOOD completely eliminates the air compressor footprint on the truck
- 2,000 lbs available weight capacity = an additional engine, 10 tires, more air tools, larger crane
- An UNDERHOOD replaces the need for a tow-behind air compressor leaving the hitch free for other key equipment
- An UNDERHOOD = ONE trip instead of multiple trips to the job site, saving time, getting the job done faster and optimizing employee productivity



## SPECIFICATIONS

Output	Up to 70 CFM or 150 CFM and up to 175 PSI
Weight	Approx. 150 lbs (VR70) or 200 lbs (VR150)
Compressor	VMAC oil-flooded rotary screw. Belt driven.
Bracket	Lightweight cast aluminum design, application engineered, easy installation
Air/Oil Separator Tank	Lightweight aluminum, mounts along frame rail
Oil Cooler	Liquid to liquid. Mounts below radiator
Throttle Control	Adjusts engine speed automatically to match air demand
Display and Controls	LCD display; service notifications, error messages and system temperature
Safety Features	Vehicle drive disable circuit on throttle control Park brake safety shut-off switch on control box Automatic rapid blow-down valve on tank 200 PSI pressure relief valve on tank Electric clutch on compressor
Warranty	Two (2) years on all major components

### Additional Features of the 70-G Model:

**VMAC Intelligent Digital Controls** = Automatic engine shut-off when not in use = Significant decrease in stationary fuel consumption, emissions and operating costs and meets Anti-Idling By-Law requirements

**Standby Mode** - Automatic (adjustable). Engine off at 1 additional minutes with no air use. Engine on with air use. Low battery restart. Internal cab temperature restart.

**Adjustable Parameters** - Digital setup on computer display box

**Air Receiver Tank** - Min. 5 Gal recommended for advanced functionality





"The UNDERHOOD handles everything - it takes care of every tool without any other piece of equipment needed to run it...anywhere we go, we can take it with us - even the most remote areas we need to work...put simply, how had we ever gone without it?"

- **Double D Land Clearing**  
Crystal City, Texas, USA

"With VMAC units, we save space in the back of the truck, and we don't have the issues of carrying petrol, so this is a better way of doing things."

- **William Adams CAT**  
Clayton North, Victoria, Australia

## DID YOU KNOW?

- Fuel is approaching pre-recession prices, making it the most expensive it has ever been in history.
- A fleet manager with a 184-truck fleet switched to aluminum components achieving a 25% reduction in weight which in return reduced the number of fleet-wide fuel-ups by 44,160 over the life of the fleet. That meant a \$2.2-million savings.
- If you are able to move your work truck below 10,000 lbs you will be able to avoid the watchful eye of the DoT which will in turn reduce administrative costs, not to mention the benefits of bypassing weigh scales.

**VMAC**  
VEHICLE MOUNTED AIR COMPRESSORS

PH 250-740-3200  
FX 250-740-3201  
TF 1-800-738-8622

1333 Kipp Road Nanaimo, BC, V9X 1R3 CANADA

[www.vmacair.com](http://www.vmacair.com)