



VEHICLE MOUNTED AIR COMPRESSORS

**COMPACT. POWERFUL.™**

**Climate Proof — Work Anywhere**



**40 CFM**  
**60 CFM**

**PREDATAIR**  
**HYDRAULIC AIR COMPRESSORS**



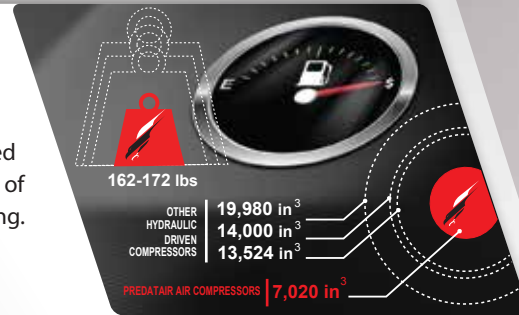


## CLIMATE PROOF POWER IN COMPACT SIZE

The VMAC PREDATAIR hydraulic air compressor system gives you the performance you need, anywhere. The PREDATAIR is a rotary screw, hydraulic, above-deck air compressor system designed to work in the most extreme climate conditions. Its built-in cold and hot weather protections stop the system from freezing up or overheating and breaking down. The VMAC PREDATAIR is available in 40 CFM and 60 CFM versions.

## LIGHTEN YOUR TRUCK TO SAVE FUEL

The PREDATAIR40 and 60 use advanced technology that reduces fuel consumption and heat generation. VMAC's engineering and manufacturing expertise contributed to the PREDATAIR weighing about HALF and occupying about HALF the footprint of its common competitors, and allowing up to 4% savings in fuel costs while driving. The PREDATAIR's plug-and-play design makes it easy to install and operate. The 100% duty cycle system means no time is wasted waiting for air tanks to fill.



## ADVANCED TECHNOLOGY REDUCES WEAR AND TEAR

The PREDATAIR turns off when you stop using air. This reduces load on your hydraulic system, meaning service intervals can be extended. This not only saves money in maintenance and fuel, it allows your service truck to spend more time on the road, making money.



## WORKS IN EXTREME COLD AND HOT CONDITIONS

The PREDATAIR is your answer to challenging environments. Whether you are working in the desert in the heat of summer, or the Alaskan Slope in the dead of winter, the PREDATAIR will perform. Its hot and cold climate protection saves it from break-downs and keeps hydraulic fluid circulating, even while the system is not being used. This allows for heat build-up to dissipate, protecting the system and tools. In cold weather, the PREDATAIR monitors oil temperatures, allowing for proper warm-up of both compressor and hydraulic oils. It is also equipped with a bypass check valve to protect critical components during cold weather startup.



**CALL TODAY TO BOOK A DEMO 1-877-912-6605**



## PREDATAIR QUICK FACTS

- Performs in any conditions
- Up to 40 or 60 CFM @ 150 psi
- 100% Duty Cycle
- Lightweight, direct fuel savings
- Unique design protects hydraulic system in extreme weather

## COMPONENTS

**INTEGRATED HYDRAULIC/COMPRESSOR OIL COOLER**  
Fan turns on/off automatically to cool oil

**DIGITAL DISPLAY BOX**  
LCD for on/off controls, observing system status, and adjusting parameters



**AIR FILTER**

**HYDRAULIC MANIFOLD**  
Controls flow of hydraulic oil through the system

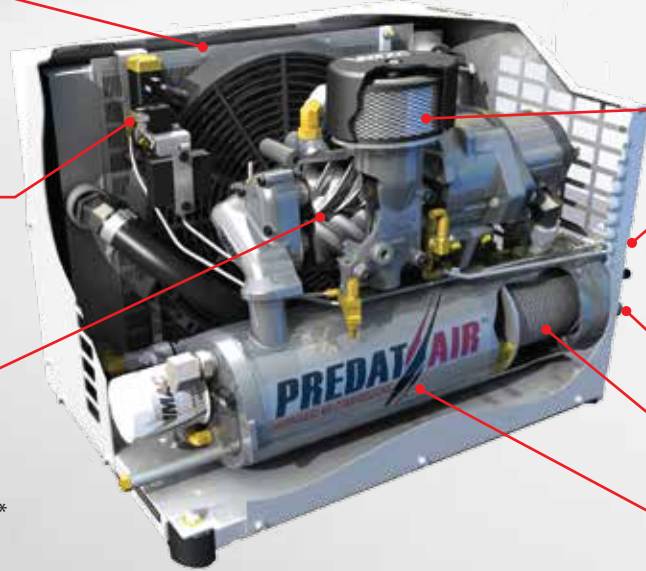
**AIR DISCHARGE**

**COALESCING FILTER**

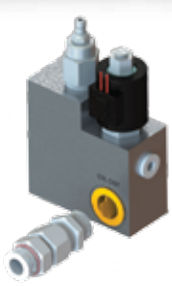
**AIR/OIL SEPARATOR TANK**  
Separates and removes compressor oil from air system

**DIGITAL CONTROL MODULE**  
Controls system operation and stored settings

**ROTARY SCREW AIR COMPRESSOR**  
VMAC rotary screw, 100% duty cycle, 40-60CFM @ 150psi, VMAC Lifetime Warranty\*



## PREDATAIR ACCESSORIES



**COLD CLIMATE MANIFOLD**  
A700146  
Fully automated manifold heater block; recommended for extreme cold climates (-15°C / 5°F)



**CLOSED CENTER MANIFOLD**  
A700190/191  
Required for installing the PREDATAIR on Variable Displacement Hydraulic Systems



**THERMINATOR HYDRAULIC OIL COOLER**  
A850001  
12V activated oil cooler; recommended for high duty cycle applications in extreme hot climates (+37°C / 100°F)



**MOUNTING BRACKETS**  
A700140  
Allows for an easier and more rigid installation

**COMPACT. POWERFUL.™**

# PREDATAIR

**AIR**  
HYDRAULIC AIR  
COMPRESSORS

## SPECIFICATIONS

Compressor Type	Direct drive, VMAC oil-injected rotary screw, 100% duty cycle
Rated Air Capacity	PREDATAIR40 - 25-40 CFM (0.7-1.13 m <sup>3</sup> /min) at 150 psi (10.3 bar) PREDATAIR60 - 40-60 CFM (1.13-1.7 m <sup>3</sup> /min) at 150 psi (10.3 bar)
Weight (wet)	PREDATAIR40 - 162lbs (73 kg) PREDATAIR60 - 172lbs (78 kg)
Dimensions	16.5"(w) x 24.0" (l) x 18.0"(h)
Cooler	Integrated hydraulic / compressor oil cooler
Hydraulic Flow Required	PREDATAIR40 - 9-14 GPM (41-64 LPM), 25-40 CFM (0.7-1.13 m <sup>3</sup> /min) PREDATAIR60 - 14-21 GPM (64-95 LPM), 40-60 CFM (1.13-1.7 m <sup>3</sup> /min)
Hydraulic Pressure at Full Load	PREDATAIR40 - 2,345 psi (162 bar) PREDATAIR60 - 2,450 psi (169 bar) (a 3,000 psi hydraulic pump is recommended)
Hydraulic Connections	#12 ORB Inlet, # 16 ORB Outlet
Electrical Input	20A @ 12V (nominal) - 30A fuse or breaker required
Safety Systems	High temperature shutdown Cold start protection 200 psi air pressure relief valve Automatic air pressure blowdown Air system one-way check valve 2,800 psi hydraulic pressure relief valve Hydraulic cooler bypass check valve

Air Receiver Tank (not included) Minimum 5 gallon (150 psi) required for proper operation of all functions

## WARRANTY

VMAC strives to provide the best warranty service in the industry to give you the peace of mind you need. Specifically, the PREDATAIR is supported by a two year warranty on all major components and VMAC's Lifetime Warranty\* on the air end.

\*For more information about VMAC's Warranty Policy, please visit [www.vmacair.com/warranty](http://www.vmacair.com/warranty)



## ABOUT VMAC

Established in 1986, VMAC began by designing jet engines for the Military and has now grown into a global leader in the manufacturing of mobile rotary screw air compressors with a network of 400 dealers.

**YOUR VMAC AUTHORIZED DEALER**



**1-877-912-6605 | [www.vmacair.com](http://www.vmacair.com)**

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