

PARAGON

HydraAIR®

**OIL FREE AIR IS THE
GREEN SOLUTION FOR
LIQUID BULK TRANSFER**



- Oil Free Piston Air Compressor
- Integrated Hydraulic Oil Cooler
- Supplied with Tractor / Trailer Auxiliary Hydraulic Circuit
- Behind the Cab Mounting Requires No Frame Rail Space
- The *Only* Oil Free Compressor for the Tank Truck Industry *Made In The USA*



MODEL NUMBER CONSTRUCTION

HA 300 H 4 1 H 5 T - XXXXXX

HydraAIR

System Pressure Setting

- 250** 2500 PSI Hydraulic Relief Valve Setting
300 3000 PSI Hydraulic Relief Valve Setting

Oil Free Compressor Type

- S** Oil Free Air Compressor Standard Delivery
H Oil Free Air Compressor High Out Put Delivery

Suction Line Connection

- N** 1-1/2" Code 61 = No Elbow
4 1-1/2" Code 61 = 45 Degree Elbow (1-1/4" Barbed)
5 1-1/2" Code 61 = 45 Degree Elbow (1-1/2" Barbed)

Connection Panel

- B** Panel Without Fittings
X None
1 JIC Male Connections - 16 x -16 Connections

Spec Number

PTO & Hydraulic Pump

- K** SAE B Hydraulic Pump with Fittings
D DIN 5462 Hydraulic Pump with Fittings
T PTO & SAE B Hydraulic Pump with Fittings
I I-Shift/M-Drive PTO & DIN Hydraulic Pump with Fittings
X None

Air Hose Options

- X** None
1 Steam Grade Hose with Chicago Fitting: 10 ft OAL
4 Steam Grade Hose with Chicago Fitting: 40 ft OAL
5 Steam Grade Hose with Chicago Fitting: 40 ft OAL + 10 ft OAL

Hose Rack Options

- H** Hose Rack with Mounting Hardware
X None

HydraAIR®

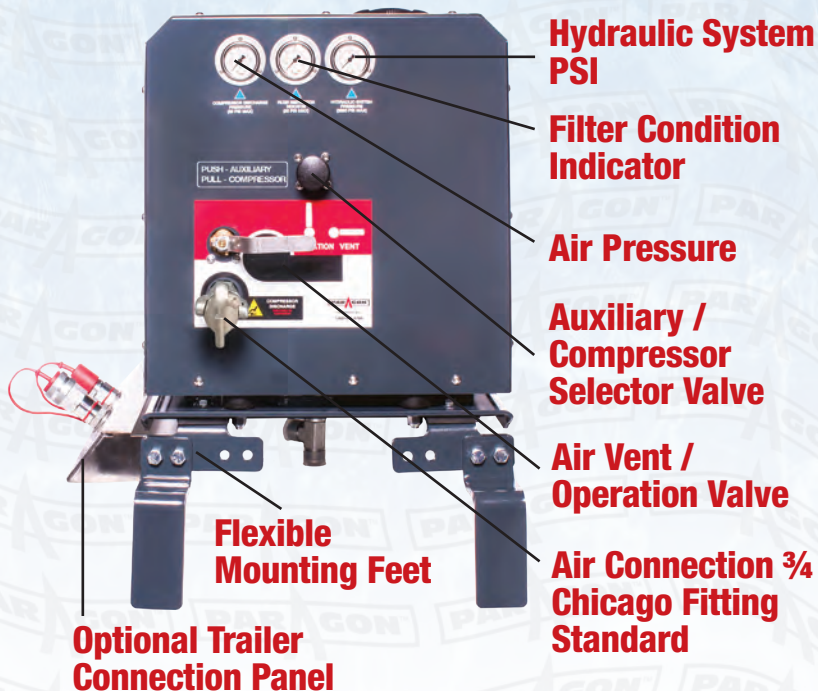
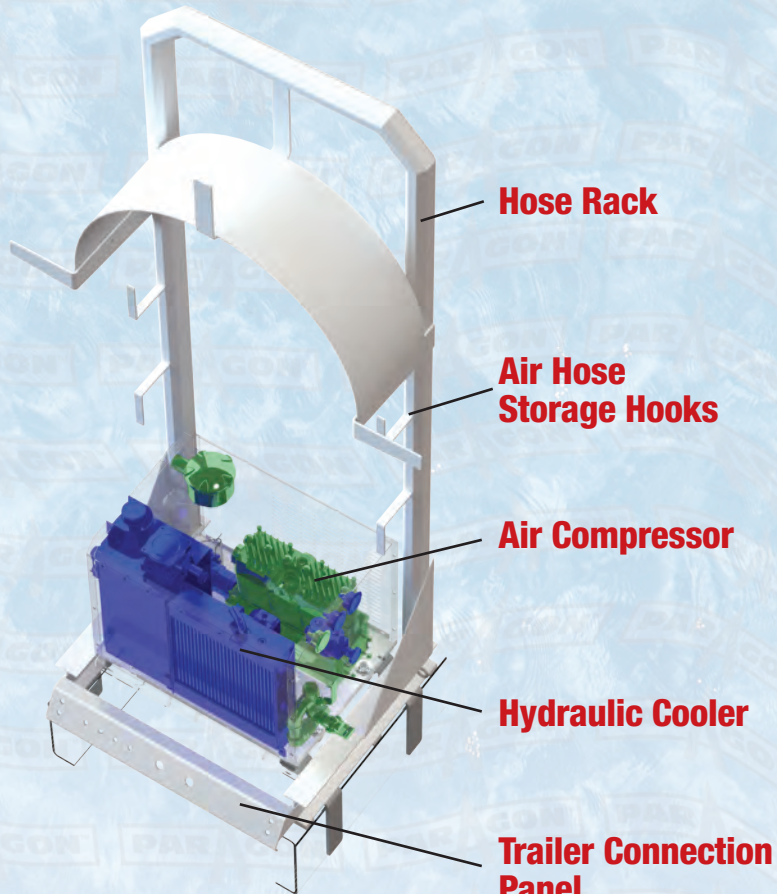
HydraAIR® SPECIFICATIONS AND CAPABILITIES

STANDARD			HIGH OUTPUT	
Potential Liquid Displacement	25 PSI	36 PSI	25 PSI	36 PSI
	105 GPM	67 GPM	145 GPM	92 GPM
Gallons Per Minute Hydraulic Flow	30 GPM		40 GPM	
Hydraulic Pressure Rating	Standard Pressures - 2500 or 3000 PSI		Standard Pressures - 2500 or 3000 PSI	
Air Hose Connection	¾" Chicago Fitting		¾" Chicago Fitting	
Hydraulic Hose Connections	High Pressure - ¾" JICM, Low Pressure - 1" JICM Suction - Code 61 Split Flange (select code in part number for size)		High Pressure - ¾" JICM, Low Pressure - 1" JICM Suction - Code 61 Split Flange (select code in part number for size)	
Weight	311 LBS Dry (HydraAIR not including Pump Package)		311 LBS Dry (HydraAIR not including Pump Package)	
Reservoir Capacity	4.7 Gallon Reservoir		4.7 Gallon Reservoir	

Warranty: Paragon warrants this product from defects in material and workmanship for 18 months from date of shipment or 12 months after initial startup day, whichever occurs first. For full Warranty Terms and Conditions, please refer to the HydraAir Owner's Manual.

Leading The Way for Chemical Unloading System Solutions

HydraAIR®



HydraAIR Features & Benefits

Oil Free Air

Paragon's Piston Oil Free Air Compressor passes NO OIL residue into the material being off-loaded. This design combines the need for Oil Free Air for Chemical Off-Loading with proven piston technology.

Traditional oil free, vane design compressors require weekly operation and expensive maintenance investments that can exceed the initial cost of the equipment over an average 5 year period.

Two air delivery options (CFM) are available for the HydraAIR, resulting in 105-145 GPM liquid off-load rates.

Ease of Mounting & Maintenance

Behind the Cab mounting with top access for quick maintenance of the air and hydraulic filters. 20" is all that is required behind the cab to mount the HydraAIR.

Hydraulic Cooler Built In

HydraAIR's Compressor and Hydraulic Cooler are protected from the elements in a enclosed compartment using a Stainless Steel top and front cover and powder coated frame. The Hydraulic Cooler is internal to the HydraAIR and can flow up to 40 GPM flow rate at either a 2500 or 3000 PSI setting.

System Monitoring

3 easy to read gauges are standard: Air, Hydraulic and Filter Pressure Gauges for Operator awareness. Hydraulic Oil Cooler sight glass allows for quick view of fluid level.

Auxiliary Hydraulic Circuit(s)

HydraAIR's simple controls allows the Operator to power other Tractor and / or Trailer hydraulic functions as required.

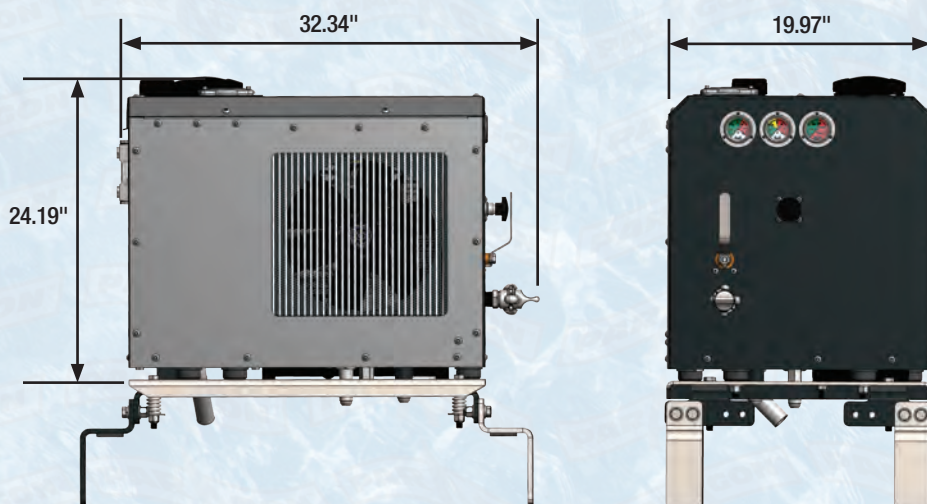
HydraAIR Accessories

Shown with optional Hose Rack and Connection Panel. Auxiliary hydraulic hose, trailer air and electrical, in-transit heat connections now have an organized location for operator convenience.

Chemical hose tie down eye bolts for retention are included with the Hose Rack. Air Hose storage area is located in the center of the Hose Rack.



MOUNTING DIMENSIONS



THE OIL FREE PISTON AIR COMPRESSOR

The Paragon "OIL FREE PISTON" Air Compressor eliminates the costly risk of contamination into your Customer's product.

The Paragon HydraAIR comes standard with our 3 Cylinder Oil Free Air Compressor. Traditional Vane Type Oil Free Air Compressors require frequent and costly component replacement and weekly operation to prevent damage. The Paragon Oil Free Piston Compressor is compact, lightweight and designed for 5 year expected service life with NO Service required, other than air filter replacement.

Available in two Oil Free Compressor configurations, offering an impressive GPM Off-Load rates from 105 Gallons to 145 Gallons Per Minute.

TRACTOR / TRAILER HYDRAULIC DRIVE CAPABILITY

The HydraAIR can provide up to either 30 or 40 GPM of Hydraulic Flow, specific to the configuration, for auxiliary hydraulic circuit requirements. Paragon specializes in Tractor and/or Trailer, Chemical or Crude Oil Pump Packages. We also offer LPG and Food Grade Pump Hydraulic Drive Systems that connect directly to most product pumps used in these applications.

HYDRAULIC OIL COOLER

Paragon is the "Leader In The Industry" for Mobile Hydraulic Coolers. The proven design of the HydraFLOW cooler is built into the HydraAIR. Hydraulically driven fan ensures safe, trouble free hydraulic oil conditioning.

PRODUCT PUMP PACKAGES

Paragon's pre-assembled, bolt on, Product Pump and Hydraulic Drive Packages come complete with Directional and Speed Control Valves as required. Limited hydraulic hose connections make the install simple. Chemical, Crude Oil and LPG are our most popular Product Pump / Hydraulic Drive Packages. Pictured is our G125 Gear Pump Package.



PARAGON®

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HYDRA SERIES

