

The Choice is Yours



SPEC SHEET **POWERFLEX™**

The unique flexibility of the PowerFlex™ modular system allows you to select just the functionality that best suits your work applications and budget. With today's anti-idling laws and cost saving measures the ability to turn the vehicles main engine off and still perform work is very desirable and often a necessity. Vanair's new line of PowerFlex™ engine driven machines is the robust solution to provide the power you need to get the job done with the vehicles engine turned off.

POWERFLEX™ HPU

Hydraulic & DC Power

All units powered by 25 HP Tier 4 Final Kubota Engines



DC Generator	12V Charge, 250 Amp Alternator	Hydraulic Pressure*	Up to 3000 psig
Hydraulic Flow*	Up to 13 gpm	Drive System	Belt driven
Engine Type	25 HP Kubota	Fuel Capacity	Plumb to chassis or remote tank
Fuel Type	Diesel		

DIMENSIONS: 41.0" Long X 21.5" Wide X 26.4" Height** - Dry Weight – 490 lbs.

POWERFLEX™ AE

Air Compressor & Generator

Available with and without integrated fuel tank



CFM Rating	40 cfm @ High Speed	Air Pressure	150 psig
AC Generator	6,800 watts @ 60 hz 120/240V	Compressor Type	Rotary Screw
Engine Type	25 HP Kubota	Drive System	Belt driven
Fuel Type	Diesel	Fuel Capacity	12 Gallon or plumb to chassis

BASE DIMENSIONS: 47.6" Long X 21" Wide X 33.4" Height** - Dry Weight – 790 lbs.

POWERFLEX™ AH

Air Compressor & Hydraulic

With Integral Hydraulic Tank



CFM Rating	40 cfm @ High Speed / 30 cfm @ Idle Speed	Air Pressure	150 psig
Hydraulic Flow*	Up to 13 gpm	Hydraulic Pressure*	Up to 3000 psig
Engine Type	25 HP Kubota	Drive System	Belt driven
Fuel Type	Diesel	Fuel Capacity	Plumb to chassis or remote tank
Compressor Type	Rotary Screw		

BASE DIMENSIONS: 47.6" Long X 21" Wide X 33.4" Height** - Dry Weight – 802 lbs.

POWERFLEX™ AEH

Air Compressor, Generator & Hydraulic



CFM Rating	40 cfm @ High Speed / 30 cfm @ Idle Speed	Air Pressure	150 psig
AC Generator	6,800 watts @ 60 hz 120/240V	Compressor Type	Rotary Screw
Hydraulic Flow*	Up to 13 gpm	Hydraulic Pressure*	Up to 3000 psig
Engine Type	25 HP Kubota	Drive System	Belt driven
Fuel Type	Diesel	Fuel Capacity	Plumb to chassis or remote tank

BASE DIMENSIONS: 47.6" Long X 21" Wide X 33.4" Height** - Dry Weight – 870 lbs.

* Ratings are approximate and are based on 120°F hydraulic fluid temperature. Hydraulic relief valve is set at 3300 psi. Consult Vanair for specific details.

**Dimensions listed are not a complete representation of total space necessary. Please consult Vanair for overall space and air requirements.



VANAIR
POWER TO GO™

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Specifications:

	AE	AEH	AH	HPU
SPECIAL FEATURES	<ul style="list-style-type: none"> • Electrical 12-volt DC • Side-mount or bed mounted • Powder-coated, galvalume sheet-metal enclosure • Operating conditions are -20 to +110°F 			
	<ul style="list-style-type: none"> • 1/2" FNPT Air Discharge • Encapsulated oil-injected rotary screw • Spin-on air-oil separating element • On-off solenoid valve • Air-to-oil compressor fluid cooler • Integrated inlet valve • Vanair™ Lifetime Warranty on air end 			<ul style="list-style-type: none"> • 12 - Pin Weatherproof electrical connection • Can power a separate cab climate control system
AIR COMPRESSOR CONTROL SYSTEM	• Electronic Controlled Clutch			Not Required
SAFETY EQUIPMENT	<ul style="list-style-type: none"> • Low engine oil shutdown • Alternator failure indicator • service access door shutdown • engine over temp shutdown 			
	<ul style="list-style-type: none"> • Air pressure safety relief valve and automatic blow-down on shutdown • High-temperature & high-pressure compressor shutdown • Oil fill plug safety relief 			<ul style="list-style-type: none"> • Hydraulic oil pressure-relief valve
INSTRUMENTATION	<ul style="list-style-type: none"> • Engine start/stop • Engine fault lights • Hour meter 			<ul style="list-style-type: none"> • Conveniently located electronic easy-to-start instrumentation panel features an hour meter and temperature readout, fuel gauge and engine RPM
	Fuel gauge • Gen./Comp. on/off switch		start override switch	
OPTIONS/ACCESSORIES	Maintenance kit • Remote Control Panel • Battery harness			
	14 - 60 gallon air reservoirs • Aftercoolers • Air hoses • Air tools • Filter/lubricator/regulator (FLR) <ul style="list-style-type: none"> • Hose reels and fittings • OSHA safety valve (velocity fuse) • Service/control line moisture separators • Tool oiler/lubricator 			

Application Recommendations:

	AE	AEH	AH	HPU
AIR TOOLS:				
Air Impact Wrench*	up to 1"	up to 1"	up to 1"	
Chipping Hammer*	X	X	X	
Cut-Off Tool*	X	X	X	
Drill*	X	X	X	
Fluid Transfer Pumps*	X	X	X	
Grinder*	X	X	X	
Tire Inflation*	X	X	X	
HYDRAULIC TOOLS: (rated 9.5 gpm @ 2000psi)				
Rail Saw*		X	X	X
Crimping Tools*		X	X	X
Utility Chain Saw*		X	X	X
GENERATOR CAPABILITIES:				
DC Power for Lights & Inverters 210 amp				X
Vehicle Strobe Lights up to 50 amp	X	X	X	X
Rotating Beacons up to 50 amp	X	X	X	X
RECOMMENDED TRUCK APPLICATION				
Mechanical Crane Truck	X	X	X	X
Tire Truck	X	X	X	
Lube Truck	X	X	X	X
Service Truck	X	X	X	X
Bucket Truck		X	X	X
Specialty Applications	X	X	X	X

* Ratings are approximate and are based on new equipment specifications. Refer to tool manufacturer recommendations for tool consumption needs. Makes and models differ in requirements. Additional hydraulic cooler needed to run hydraulic tools.

HYDRAULIC SYSTEM REQUIREMENTS

All hydraulic ratings and pressures are at the machine and do not take into account the pressure drops of individual hydraulic systems. These pressure drops need to be taken into account and added to the rating of the hydraulic pump and components. The hydraulic ratings listed are at sea level. Performance may be affected when operating at altitudes above 4,000 feet.

Vanair highly recommends consulting a hydraulic supply expert for specifying the oil reservoir size, hydraulic cooler, hydraulic pressure relief, and other hydraulic supply components for your application. Please take into consideration the following: • The hydraulic flow and pressure requirements of the hydraulic tools • Keep in mind that when the hydraulic tools are running there is a continuous hydraulic load and an external hydraulic cooler is needed • The duty cycle and ambient operating temperatures • Other hydraulic equipment that may share the same hydraulic supply system (Vanair recommends a dedicated pump and hydraulic circuit). For more information please consult Vanair.

