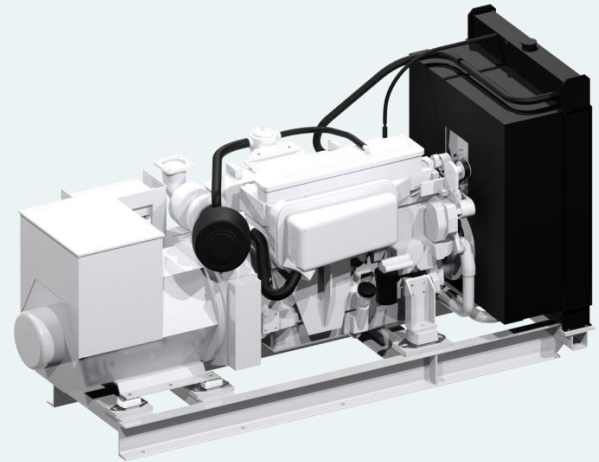


JOHN DEERE 6068AFM75

> (139-166 kW) @ 1500-1800 RPM

- > Common Rail Fuel System
- > Water cooled exhaust manifold
- > Low noise and vibrations



John Deere Auxiliary Engine

6068AFM75 is a modern common rail engine optimized for low emissions and low fuel consumption. The engine has a water cooled turbocharger and exhaust manifold, the charge air cooler is freshwater cooled and this results in low surface temperatures for reliable operation. 24 volt electrical system with Nogva Motor Computer monitoring system.

Rated power and fuel consumption				
<i>RPM / Hz</i>	1500 / 50		1800 / 60	
Generator effect	139 kW		166 kW	
Fuel Consumption 100%	36,4 L/h	223 g/kWh	43,9 L/h	224 g/kWh
Fuel Consumption 75%	27,2 L/h	222 g/kWh	33,1 L/h	225 g/kWh
Fuel Consumption 50%	18,8 L/h	229 g/kWh	22 L/h	224 g/kWh
Fuel Consumption 25%	10,8 L/h	263 g/kWh	12,1 L/h	246 g/kWh
Emission rating	Tier 2			

Standard equipment

- > Nogva Motor Computer V2-G
- > Electronic regulation
- > 2-pole electrical system
- > Heat exchanger
- > Exhaust compensator
- > Silencer
- > Bilge pump for lub.oil
- > Engine brackets
- > Water cooled manifold
- > Vibration isolators
- > Base frame in steel
- > Heat elements in generator
- > With droop transformer for parallel operation
- > Closed crankcase ventilation with filter

Optional equipment

- > Box cooler / Keel cooler
- > Radiator cooling
- > Double wall fuel pipe
- > Engine heater

JOHN DEERE 6068AFM75

General Data		Exhaust System		
Model	6068AFM75	RPM / Power	1500 / 139 kW	1800 / 166 kW
Number of cylinders	6	Exhaust temperature	438 °C	375 °C
Engine type	In-line, 4-cycle	Exhaust flow	24,29m ³ /min	32,52m ³ /min
Aspiration	Turbocharged	Max. back pressure	7,5 kPa	7,5 kPa
Bore and stroke	107 x 127 mm	Min. exhaust diameter	Dry 101,6 mm Wet 127 mm	Dry 101,6 mm Wet 127 mm
Displacement	6800 cm ³	Cooling System		
Compression ratio	16.7:1	Heat rejected	152 kW 8652 BTU/min	174 kW 9904 BTU/min
Max installation angle	Front up – 12° Front down – 0°	Radiated heat	18 kW 1043 BTU/min	22 kW 1254 BTU/min
Weight, dry	812 kg	Coolant flow	189 L/min	240 L/min
Combustion system	Direct injection	Sea water pump flow	----	----
Oil capacity	----	Max. Suction lift	----	----
Fuel System		Coolant capacity	----	----
Governor type	Electronic	Air System		
Fuel injection pump	High pressure common rail	Min. ventilation area	0,064 m ²	0,095 m ²
Max. Fuel height above transfer pump	2,4 m	Engine air flow	10,5 m ³ /min	15,4 m ³ /min

Dimensions with Stamford UCM274

