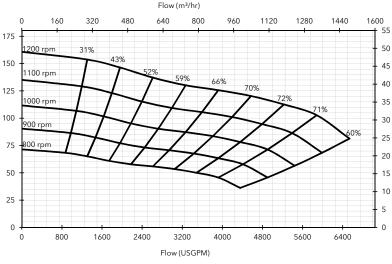
# **Performance Curve**



### **Engine option 1**

Head (feet)

Caterpillar, C9 (T3 Flex), 300 HP @ 1800 rpm

#### Impeller diameter 18.7"

Pump speed 1200 rpm driven by 1.5:1 gearbox

Suction Lift Table							
Total	Total Delivery Head (feet)						
Suction Head	33	66	105	131	138		
(feet)	Output (	USGPM)					
10	6604	6164	5063	2201	-		
15	6164	5724	4293	1541	-		
20	5283	4843	3522	1321	440		
25	-	-	-	-	-		

Fuel capacity: 10 US Gal

Max Fuel consumption @ 1800 rpm: 15.1 US Gal/hr

Max Fuel consumption @ 1600 rpm: 14.3 US Gal/hr

Weight (Dry): 16,020 lbs

Weight (Wet): 16,020 lbs

Dimensions: (L) 185" x (W) 83" x (H) 99"

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.



Head

	Pump casing & suction cover	Cast iron BS1561:1997	
	Wearplates	Cast iron ISO 185 - Grade 250	
	Pump Shaft	Carbon steel BS 970:1991 817M40T	
	Impeller	Cast iron ISO 185 - Grade 250	
	Non-return Valve body	Cast iron BS EN 1561 - 1997	
	Mechanical Seal	Silicon carbide face; Viton elastomers; Stainless steel body	

# **Engine option 2**

John Deere, 6090HFC94 (IT4), 302 HP @ 1800 rpm

### Impeller diameter 18.7"

Pump speed 1200 rpm driven by 1.5:1 gearbox

Suction Lift Table							
Total	Total Delivery Head (feet)						
Suction Head	33	66	105				
	Output (	USGPM)					

(feet)	Output (USGPM)					
10	6604	6164	5063	2201	-	
15	6164	5724	4293	1541	-	
20	5283	4843	3522	1321	440	
25	-	-	-	-	-	

#### Fuel capacity: 10 US Gal

Max Fuel consumption @ 1800 rpm: 14.7 US Gal/hr

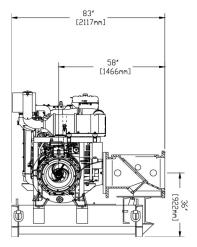
Max Fuel consumption @ 1600 rpm: 14.3 US Gal/hr

Weight (Dry): 16,880 lbs

## Weight (Wet): 16,880 lbs

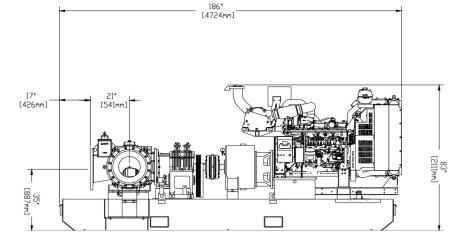
Dimensions: (L) 186" x (W) 83" x (H) 83"

Performance data provided in tables is based on water tests at sea level and 20°C ambient. All information is approximate and for general guidance only. Please contact the factory or office for further details.



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138

131

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