

CLARKE®

MODELS
 JU6H-UFDO JU6H-UF34 JU6H-UF58 JU6H-UF62 JU6H-UF94
 JU6H-UFD2 JU6H-UFM8 JU6H-UF50 JU6H-UFAAQ8 JU6H-UFAAS0
 JU6H-UF30 JU6H-UFM0 JU6H-UF52 JU6H-UFAAPG JU6H-UFAAT0
 JU6H-UF32 JU6H-UFM2 JU6H-UF54 JU6H-UFAARG JU6H-UFAAT2
 JU6H-UF60 JU6H-UF84 JU6H-UFAAT8

JU6H MODEL	RATED SPEED (BHP / kW)							
	1470	1760	1900	2100	2350	2600	2800	3000
UFD0		110 82		144 107	148 110			
UFD2					148 110	148 110		
UF30	94 70	140 104		160 119	160 119			
UF32					160 119	160 119		
UF34							160 119	175 131
UFM8	136 101	175 131						
UFM0		175 131		207 154	200 149			
UFM2					200 149	200 149		
UF58	138 103	183 137						
UF50		183 137		210 157	210 157			
UF52					210 157	210 157		
UF54							216 161	216 161
UFAAPG	220 164							
UFAAQ8		227 169						
UF60		200 149		240 179	240 179			
UF62					240 179	240 179		
UFAARG		252 188						
UF84							259 193	275 205
UFAAS0				260 194				
UFAAT8		265 198	273 203.5					
UFAAT0				293 218.5	295 220			
UFAAT2					295 220	291* 217*		
UF94							295*220*	300*224*



Picture shown represents JU6H-T engine model

◆ All Models are available for Export

Note: Engine models with an *** may have elevation restrictions. Please consult factory to confirm application.

ITEM	JU6H MODELS																						
	D0	D2	30	32	34	M8	M0	M2	58	50	52	54	60	62	84	AAPG	AAQ8	AARG	AAS0	94	AAT0	AAT2	AAT8
Number of Cylinders	6																						
Aspiration	T											TRWA											
Rotation*	CW																						
Overall Dimensions - in.(mm)	59.8(1519) H X 57.4(1457) L X 36.6(930) W											59.8(1519) H X 58(1473) L X 36.6(930) W											
Crankshaft Centerline Height - in.(mm)	14 (356)																						
Weight - lb (kg)	1657 (750)											1693 (766)											
Compression Ratio	17.0:1																						
Displacement - cu. in. (l)	414 (6.8)																						
Engine Type	4 Stroke Cycle - Inline Construction																						
Bore & Stroke - in. (mm)	4.19 x 5.00 (106 x 127)																						
Installation Drawing	D536											D763						D776					
Wiring Diagram AC	C07651																						
Wiring Diagram DC	C072145																						
Engine Series	John Deere 6068 Series																						
Speed Interpolation	Optional																						

Abbreviations: CW - Clockwise T -Turbocharged TRWA - Turbocharged with Raw Water Aftercooling L - Length W - Width H - Height

*Rotation viewed from Heat Exchanger / Front of engine

CERTIFIED POWER RATING

- Each engine is factory tested to verify power and performance

ENGINE RATINGS BASELINES

- Engines are to be used for stationary emergency standby fire pump service only. Engines are to be tested in accordance with NFPA 25.
- Engines are rated at standard SAE conditions of 29.81 in. (752.1 mm) 77°F (25°C) inlet air temperature [approximates 300 ft. (91.4 m) above sea level] by the testing laboratory (see SAE Standard J 1349).
- A deduction of 3 percent from engine horsepower rating at standard SAE conditions shall be made for diesel engines for each 1000 ft. (305 m) altitude above 300 ft. (91.4 m)
- A deduction of 1 percent from engine horsepower rating as corrected to standard SAE conditions shall be made for diesel engines for every 10°F (5.6°C) above 77°F (25°C) ambient temperature.



ENGINE EQUIPMENT

EQUIPMENT	STANDARD	OPTIONAL
Air Cleaner	Direct Mounted, Washable, Indoor Service with Drip Shield	Disposable, Drip Proof, Indoor Service Outdoor Type, Single or Two Stage (Cyclonic)
Alarms	Overspeed Alarm & Shutdown, Low Oil Pressure, Low & High Coolant Temperature, Low Raw Water Flow, High Raw Water Temperature	Low Coolant Level, Low Oil Level, Oil Filter Differential Pressure, Fuel Filter Differential Pressure, Air Filter Restriction
Alternator	12V-DC, 42 Amps with Poly-Vee Belt and Guard	24V-DC, 40 Amps with Poly-Vee Belt and Guard
Coupling	Bare Flywheel	Listed Driveshaft and Guard: UFD0, UFD2, UF30, UF32, UF34, UFM8, UFM0, UFM2, UFS8, UF50, UF52, UF54, UF60, UF62, UF84 - CDS30-S1; UFAAPG, AAQ8, AARG, AAT0, AAT8 -CDS50-SC; UF94 - SC61A-L at 2800 & 3000 RPM; AAT0, AAT2 - SC81A at 2350 & 2600 RPM
Engine Heater	115V-AC, 1360 Watt	230V-AC, 1360 Watt
Exhaust Flex Connection	SS Flex, 150# ANSI Flanged Connection, 5" (AAT0, AAT2, UF94: SS Flex, 150# ANSI Flanged Connection, 6")	SS Flex, 150# ANSI Flanged Connection, 6"
Exhaust Protection	Metal Guards on Manifolds and Turbocharger	
Flywheel Housing	SAE #3	
Flywheel Power Take Off	11.5" SAE Industrial Flywheel; Connection	
Fuel Connections	Fire Resistant, Flexible, Supply and Return Lines	SS, Braided cUL Listed, Supply and Return Lines
Fuel Filter	Primary Filter and Priming Pump	
Fuel Injection System	Direct Injection	
Fuel Solenoid	12V-DC Energized to Stop (ETS)	24V-DC Energized to Stop (ETS)
Governor, Speed	Constant Speed, Mechanical	
Heat Exchanger	Tube and Shell, 60 PSI (4 BAR), NPT(F) Connections - Sea Water Compatible	
Instrument Panel	NEMA Type 2, Powder Coated Steel Construction, English and Metric, Tachometer, Hourmeter, Water Temperature, Oil Pressure and (2) Voltmeters	316 Stainless Steel NEMA 4X/IP66
Junction Box	Integral with Instrument Panel; For DC Wiring Interconnection to Engine Controller	
Lube Oil Cooler	Engine Water Cooled, Plate Type	
Lube Oil Filter	Full Flow with By-Pass Valve	
Lube Oil Pump	Gear Driven, Gear Type	
Manual Start Control	On Instrument Panel with Control Position Warning Light	
Overspeed Control	Electronic with Reset and Test on Instrument Panel	
Raw Water Cooling Loop - w/Alarms	Galvanized	Seawater, All 316SS, High Pressure
Raw Water Solenoid Operation	Automatic from Fire Pump Controller and from Engine Instrument Panel (for Horizontal Fire Pump Applications)	Not Supplied (for Vertical Turbine Fire Pump Applications)
Run - Stop Control	On Instrument Panel with Control Position Warning Light	
Starters	Two (2) 12V-DC	Two (2) 24V-DC
Throttle Control	Adjustable Speed Control, Tamper Proof	
Water Pump	Centrifugal Type, Poly-Vee Belt Drive with Guard	

Abbreviations: DC - Direct Current, AC - Alternating Current, SAE - Society of Automotive Engineers, NPT(F) - National Pipe Tapered Thread (Female), SS - Stainless Steel

MODEL NOMENCLATURE (8 Digit Models)

JU6H-UF94



MODEL NOMENCLATURE (10 Digit Models)

JU6H-UFAARG



Specifications and information contained in this brochure is subject to change without notice.