

	JU6H-UFM8	JU6H-UF52	JU6H-UFAARG
JU6H-UFD0	JU6H-UFM0	JU6H-UF60	JU6H-UFAAS0
JU6H-UFD2	JU6H-UFM2	JU6H-UF62	JU6H-UFAAT0
JU6H-UF30	JU6H-UF58	JU6H-UFAAQ8	JU6H-UFAAT2
JU6H-UF32	JU6H-UF50	JU6H-UFAAPG	JU6H-UFAAT8

UL/FM - cUL APPROVED RATINGS BHP/kW

JU6H MODEL ◆	RATED SPEED (BHP / kW)											
	1470		1760		1900		2100		2350		2600	
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
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
UFAAPG	220	164										
UFAAQ8			227	169								
UF60			200	149			240	179	240	179		
UF62									240	179	240	179
UFAARG			252	188								
UFAAS0							260	194				
UFAAT2									295	220	291	217
UFAAT8			265	198	273	203.5						
UFAAT0							293	218.5	295	220		

Note:

- 1) Engine models with an "•" may have elevation restrictions. Please consult factory to confirm application.
- 2) Engine models with an "◆" are available for export.

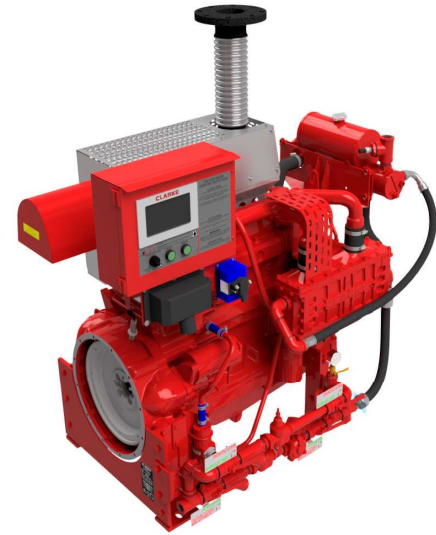


Image shown represents a JU Model with TSP-M Instrument Panel

ITEM	JU6H MODELS											
	D0 D2 30 32 M8 M0 M2 58 50 52				60 62 AAPG AAQ8 AARG AAS0				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 29.61 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.



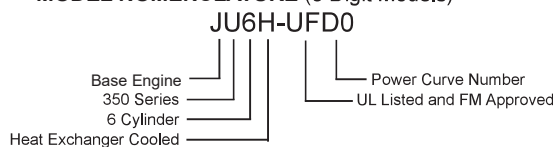
JU6H-UFD0	JU6H-UFM8	JU6H-UF52	JU6H-UFAARG
JU6H-UFD2	JU6H-UFM0	JU6H-UF60	JU6H-UFAASO
JU6H-UF30	JU6H-UFM2	JU6H-UF62	JU6H-UFAATO
JU6H-UF32	JU6H-UF58	JU6H-UFAAQ8	JU6H-UFAAT2
	JU6H-UF50	JU6H-UFAAPG	JU6H-UFAAT8

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 & Guard: UFD0, UFD2, UF30, UF32 - CDS20-S1; UFM8, UFM0, UFM2, UF58, UF50, UF52, UF60, UF62 - CDS30-S1; UFAAPG, AAQ8, AARG, AAT0, AAT2, AAT8 - CDS50-SC;
Engine Heater	115V-AC, 1360 Watt	230V-AC, 1360 Watt
Exhaust Flex Connection	SS Flex, 150# ANSI Flanged Connection, 5" (AAT0, AAT2: SS Flex, 150# ANSI Flanged Connection, 6")	SS Flex, 150# ANSI Flanged Connection, 6" (AAT0, AAT2: SS Flex, 150# ANSI Flanged Connection, 8")
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	Standard NEMA Type 4 (IP66) touch screen panel with digital tachometer, hour meter, water temperature, oil pressure and voltmeter gauges. Front Opening. <i>Note: Some models may include MECAB instrument panel in place of TSP-M.</i>	Stainless Steel NEMA Type 4X (IP66) touch screen panel with digital tachometer, hour meter, water temperature, oil pressure and voltmeter gauges. Front Opening.
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)



MODEL NOMENCLATURE (10 Digit Models)



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