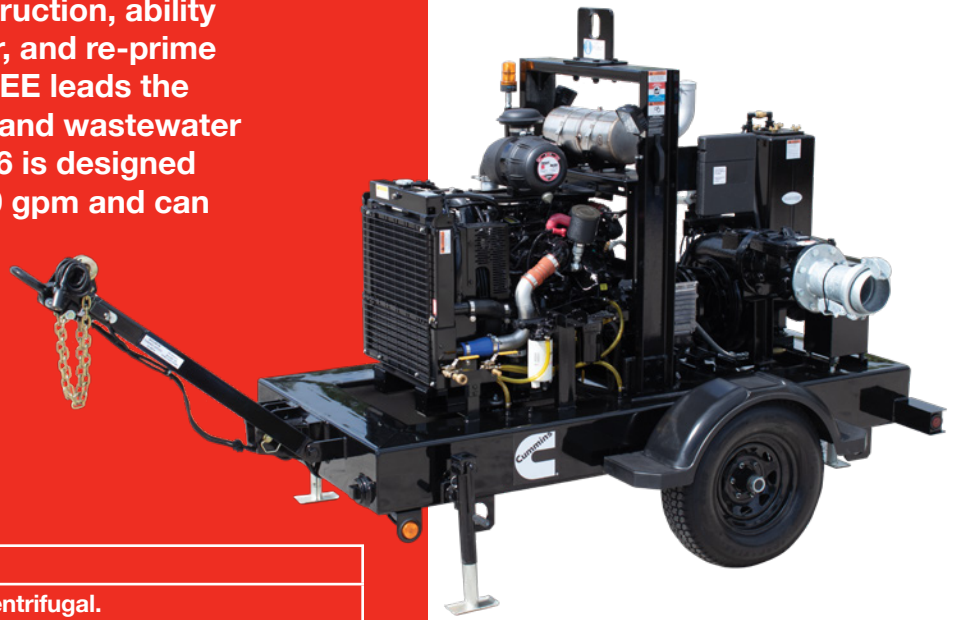


QSF PUMP SERIES

QSF6X6



With its heavy-duty cast-iron construction, ability to self-prime when filled with water, and re-prime automatically, the Thompson 6JSCEE leads the industry in construction, industrial and wastewater applications. The Cummins QSF6X6 is designed for moderate flow rates up to 2,600 gpm and can handle heads up to 150 feet.



| | |
|--------------------------------|--|
| PUMP SPECIFICATIONS: | |
| MODEL | End suction centrifugal. |
| CASING | Ductile iron, class 30. Maximum operating pressure 65 psi. |
| IMPELLER | Two vane with rear equalizing vanes, non-clogging, enclosed, class 65-45-12 ductile iron. |
| OPTIONAL IMPELLER | Two vane open impeller with serrated wear plate, capable of cutting rags. |
| SEAL | Dry-running, grease lubricated, mechanical type. Tungsten Carbide rotating face with Silicon Carbide stationary seal faces. All other components are 304 stainless steel and Viton elastomers. |
| WEAR RING | Class 30 ductile iron. |
| SOLIDS CAPACITY | 3" diameter spherical solids. |
| CLEAN OUTS | Ductile iron, fully accessible and removable. |
| DISCHARGE PRIMING VALVE | Valmatic® flapper style check valve. |
| FLANGES | 6" X 6" ANSI #150 steel flanges. |
| STANDARD EQUIPMENT | Work lights, solar charger outlet, auxiliary fuel tank quick connects, Cummins diagnostic port, Integral fuel tank with 3" clean-outs, low profile trailer, lift-up tongue with lifting provision, torsional axle, electric brakes, 15" wheels, auto start/stop control panel with preprogrammed fault codes, safety beacon light and audible alarm, document box, engine safety shut downs (low oil pressure and high temperature), tachometer, hour meter, vacuum gauge, fuel gauge, battery, DOT trailer lights, #150 flange or MNPT or TP Galvanized discharge fitting, dischargepriming valve, 150# flange or MNPT or TP Galvanized suction nipple, a suction strainer and accessory set. |
| WEIGHT | 3,750 lbs. dry. |



Cummins Inc.
 Box 3005
 Columbus, IN 47202-3005
 U.S.A.

1-800-CUMMINS™ (1-800-286-6467)
 cummins.com
 Printed in U.S.A. Rev. 3/21
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| GENERAL SPECIFICATIONS: | |
|---|---|
| FEATURE | Fully automatic dry priming. Handles large volumes of air and water in addition to the intermittent flow conditions. Removes air and/or gas vapors from pump case and prevents cavitation. Automatic priming and repriming at 28-ft vertical lifts. |
| AIR SEPARATION CHAMBER SPECIFICATIONS: | Enviroprime System® |
| CHAMBER | Steel |
| VALVE & AIR CHAMBER | Flanged to suction of heavy-duty, self-priming, centrifugal pump. Single 304 stainless steel float mounted on a steel cover, easily removable. Nitrile valve seat with single rod. Stainless steel supports, levers and all internal hardware. Prevents blow-by of pumpage. |
| DISCHARGE PRIMING VALVE | Non-return check valve with seats. Nitrile rubber. |
| VENTURI 2 PIECE NOZZLE | Hexagonal bronze with steel seat and brass backflow preventer; includes limited lifetime warranty. |
| AIR COMPRESSOR SPECIFICATIONS: | |
| TYPE | Engine Mounted, 7.77CFM |
| ENGINE SPECIFICATIONS: | |
| MODEL | Cummins QSF2.8 |
| TYPE | 4-cylinder, 4-cycle, liquid cooled, direct-injected. |
| DISPLACEMENT | 171 cubic inches. |
| GOVERNOR | Electronic. |
| LUBRICATION | Full pressure system. |
| AIR CLEANER | OPTI AIR®. |
| FUEL TANK | 100 Usable U.S. gallons. |
| OPERATING TIME | Minimum 26 hours @ 2,200 RPM. |
| STARTING | Electric, 12V. |
| SAFETY SHUTDOWNS | High temp., low oil pressure |
| STANDARD EQUIPMENT | Oil & fuel filter, tachometer, hour meter, 120A-amp alternator, regulator, instrument panel. |
| MANUFACTURER'S PERFORMANCE | Engine Rating 74HP @2500 RPM |

