



## CP 220i AUTOMATIC PRIMING PUMP



The CP220i pump is a reliable and proven pumping solution. With exceptional performance from a compact and robust unit, the CP220i has been designed to provide greater cost efficient fluid handling solutions for all users. This pump has backed the Vortex operations throughout Australia on countless projects as an integral component to any turn key construction water package. With a fully automatic priming pump it can run dry for an extended periods due to the oil bath mechanical seal assembly which allows priming with long suction hoses and suction lifts up to 9 metres. As fluid levels fluctuate, the pump will 'snore' until the liquid is available for the pump to fully reprime itself automatically.

### KEY FEATURES

- Low fuel usage
- Reduced engine size
- Dry self prime and reprime
- Linear actuator
- Lower maintenance costs
- Exhaust guard/cover
- Turbo heat shield
- Operates in 'snore' condition
- Fully automated float system
- Telemetry Available
- Close coupled SAE bearing frame
- Diesel, electric or hydraulic drive
- Solids handling Lower maintenance costs
- Lockable fuel cap
- Lockable battery isolator

### PUMP SPECIFICATIONS

Dimensions (mm)	2200mm x 1500mm x 2279mm
Weight (net)	2600KG
Sound Level	52 dB (A) at 10m
Lifting Point	Fitted with single lifting point
Max. Flow	220L/s
Max. Vacuum	9m
Max. Vacuum	640 kPa (64m)
Connections	200mm
Solids Handling	80mm
Impeller Type	2 vane fully open impellor
Priming System	Compressor
Canopy	Full Acoustic

### ENGINE SPECIFICATIONS

Manufacturer	Perkins
Engine Type	1104C-44TA
Flywheel Power	97kW
Max. Engine Speed	2200 RPM
Fuel Consumption	6.67h @ 1400 RPM
Fuel Capacity	440L
Displacement	4.4L
Number of Cylinders	4
Cooling Systems	Air Cooled





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**PERFORMANCE CURVES**

