



ROSENFIRE

YOUR NEXT EQUIPMENT

TECHNICAL SHEET



WATERAX BB-4-23VX High-Pressure Fire Pump

The BB-4® is a high-pressure centrifugal pump that has been used by forestry agencies to combat wildfires for over 40 years. It has been the weapon of choice in many wildland operations and is especially suited for type 6 brush trucks. Available in portable and vehicle-mounted configurations, the BB-4® pump generates the high pressure required to overcome challenges that arise in difficult terrain. A unique feature of the BB-4® pump is the quick-release pump head that is interchangeable with the MARK-3®. This greatly reduces spare part inventories and allows for quick infield swap outs.



AVAILABLE IN DIFFERENT CONFIGURATIONS:

- Portable
- Vehicle-mounted
- Horizontal and vertical drive orientation
- Engine-mount control panel
- Fuel tank
- Exhaust primer

APPLICATIONS

- Direct attack wildfire operations
- Slip-on units
- Relay tank pumping for remote watering during firefighting operations
- High-elevation firefighting in mountainous areas
- In series pumping over long distances
- Parallel pumping for higher volumes

FEATURES AND BENEFITS

- MARK-3® compatible quick-release clamp and detachable pump end for minimal equipment downtime and inventory
- Unique blister resistant mechanical rotary seal to prolong pump end longevity
- Sealed bearing to eliminate pump end greasing in the field
- Drive assembly for reliable, low maintenance performance
- Aluminum alloy pump components and anodized parts for lighter weight and greater resistance to corrosion
- Multiple engine types available
- Choice of manual, electric or exhaust priming
- Fast wire included on all vehicle-mounted units
- EPA certified

TECHNICAL SPECIFICATIONS

Engine brand: Briggs & Stratton Vanguard

Engine type: Gas 4-Stroke

Flow rate at specified pressure

Maximum pressure: 440 PSI (30.3 bar)

Free flow: 106 US US GPM (401 lpm)

Maximum head: 1015' (309 m)

Weight: 154 lbs (70 kg) – 194 (88 kg)

Flow Rate			Pressure	
US GPM	(lpm)	@	PSI	(bar)
103	(390)	@	150	(10.3)
94	(356)	@	250	(17.2)
65	(246)	@	350	(24.1)

