

The Wright Morgan BDC RIP Chemical Transfer Pump has been specifically designed to be driven from a standard 12V vehicle electrical system for remote fluid transfer applications.

Developed from the highest quality components for long lasting performance, the BDC RIP is encased in a rugged, powder coated enclosure to keep it firmly mounted on a rig and protected from the abuses of exposure.

Leveraging years of solar efficiency knowledge, the BDC RIP strikes a perfect balance between electrical efficiency and flowrate, able to reliably produce over 28 GPM from a vehicle electrical system. For remote fluid transfer applications, this level of efficiency is unheard of in such a durable package.

Construction & Features

- Handles caustics and dissolved minerals
- Survives most freezes
- Permanent magnet, DC motor
- Heavy-duty self-lubricating carbon bearings
- Rugged powder coated enclosure is designed to allow hand access for basic maintenance and connections while also protecting the pump from drops, falls and the elements.
- Recessed on/off switch prevents accidental activation and protects the switch from damage
- Integrated 40-amp or 80-amp fuse prevents motor overload/burnout in case of suction blockage
- 20' (7m) self-priming suction lift



Filtration Requirement

- Fine abrasives like sand, silt, and other debris will accelerate pump wear and reduce flow. It is preferable if the pumped liquid is clean for longevity.

Mechanical Characteristics

BDC RIP-1212 Model

- 12 Gallons/Minute (GPM)
- Dimensions: 39x9x11 in
- Fittings: 1" inlet and outlet
- Weight: 85 lbs (39 kgs)

BDC RIP-1218 Model

- 18 Gallons/Minute GPM
- Dimensions: 39x9x11 in
- Fittings: 1" inlet and outlet
- Weight: 110 lbs (39 kgs)

BDC RIP-1228

- 28 Gallons/Minute GPM
- Dimensions: 39x9x11 in
- Fittings: 1 1/2" inlet & outlet (Discharge can be reduced to 1")
- Weight 150lbs (68 kgs)