

COMPETITIVE PRODUCT COMPARISON END GUN BOOSTER PUMPS



	Hydro Connect EGBP	Berkeley
Designed for 50Hz Operation	Yes	No
Achieves Target Boost Pressure at 50Hz	Yes	No
Impeller Size 2.2kW/3.7kW	152mm/169mm	113mm/129mm
Designed for Vertical Mount	Yes	No
Stainless Impeller and Body	Yes	No
Keyed Impeller	Yes	No
Integral Seal Flush Pipe	Yes	No
Fits into Existing Pipework	Yes	Yes
Flanged with Companion Flanges Supplied	Yes	No
NPT and BSP Options	Yes	No
Twin Lifting Eyes	Yes	No
IE2 Motor with GEMS/MEPS Certification	Yes	No
Back Pull Out Pump Design	Yes	No
Easily Replaceable Motor	Yes	Limited
Off-the-Shelf Spare Parts Kits	Yes	No
2 Year Warranty	Yes	No

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- In the US a Berkeley booster pump operating at 60Hz is running at 3500 RPM, the same pump operated at 50Hz in the AUS-NZ markets is running at 2900 RPM. At the 50Hz 2900 RPM speed the booster pump is only delivering a 20psi boost and as a result the end gun is typically operating at 30-35psi which is well below optimum for efficient end gun operation.
- Hydro Connect 50Hz End Gun Booster Pumps have been sized to provide a boost pressure that will ensure the end guns have adequate flow and pressure and are able to perform as they were meant to. The secret is the impeller size.
- The cost differential between 2.2kW and 3.7kW is not of the same magnitude as the Berkeley 60Hz products, it is a small price jump to 3.7kW if you are using larger nozzle sizes, operating with 6 or 10psi regulators or just want the additional performance from the end gun that another 10psi would provide.
- Stainless steel pump body and impeller and a floating impeller ring ensure that off season corrosion will not blind the impeller to the pump body.
- The 50Hz Hydro Connect pumps have been developed to fit directly into the mounting location and orientation of the 60Hz units they replace.
- 2 ½" suction and 2" discharge; 65 x 50NB.
- SS Companion flanges included in the pump price; NPT or BSP.
- The Hydro Connect pumps are designed to comply with current OHS expectations with twin lifting eyes to ensure replacing underperforming or failing existing 60Hz pumps can be achieved with maximum safety.
- Pumps are packaged vertically to reduce any chance of bearing damage during transport and storage as well as to allow the electrician on site to fit the power lead with the motor secure.
- Manufactured in a modern internationally certified quality facility.
- A 2-year warranty is standard and fully detailed in the operations manual included with each pump.
- The Hydro Connect EGBPs are integrated into sprinklerchart.com