Hydra LOPAC® Gate

The LOPAC gate was developed by Peter Langemann in the 1980’s to assist tail end irrigators in managing widely fluctuating water supplies. A number of installations have operated successfully for the past couple of decades. Aqua Systems 2000 have combined the simplicity of the LOPAC with a hydraulic actuator to provide a flexible and economical solution to water control problems in small to medium sized canal.

Application Suitability:
- Irrigation check structures
- Spillway structures
- Diversion structures
- Fish screening structures

Features:
- 3CR12 Stainless Steel
- Hydraulic actuation
- Environment friendly oil
- Manual electric operation
- NEMA 4 electrical panel
- Motor starter, overload relay, limit switch
- Independent high-level emergency assist
- 24 Vdc battery operation for reliability
- Solar powered

Advantages:
- Superior trash management
- Low power requirements
- Reliable, accurate control

Options:
- Ease of installation: LOPAC gates are fully assembled for shipping and are typically dropped into existing stop-log guides

Options:
- 304 Stainless Steel components where aggressive water is encountered
- Operation modes:
  - Hydraulic
  - Automated
  - Screw Jack
  - Manual (cordless drill operated)
  - Manual electric
  - Automated

Product Information

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