

Product Information



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

- 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

