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# Flap Gates Hydro Gate

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### [Flap Gates Hydro Gate](#)

#### **FLAP GATES - Hydro Gate**

Hydro Gate® flap gates are made of cast iron or ductile iron, depending on the type of service A small differential pressure on the back of the gate causes it to open automatically to allow discharge through levees, sewer lines or drainage conduits When water on the face side of the gate rises above water on the back side, the gate

#### **29912 Flap Gates - aftinc.com**

Hydro Gate flap gates are made of cast iron or ductile iron, depending on the type of service A small differential pressure on the back of the gate causes it to open automatically to allow discharge through levees, sewer lines or drainage conduits

#### **Dimensional Data Model 50C Round Opening for ... - Hydro ...**

Heavy-Duty Flap Gates General Flap gates and accessories shall be of the size, material and construction shown on the drawings and specified herein They shall be Hydro Gate heavy-duty flap gates or approved equal, with circular, square or rectangular openings Similar installations shall have operated successfully for five years or more All

#### **HYDRO GATE LINE CARD**

chances are excellent our Hydro Gate® product line has the right gates for your specific application Our product offering is vast and can suit applications for a wide variety of industries Choose from cast iron slide or flap gates, fabricated slide or flap gates, rectangular butterfly gates, stop logs, wall thimbles, lifts and accessories

#### **HEAD LOSS CHARACTERISTICS OF FLAP GATES AT THE ENDS ...**

ment of rectangular flap gates In 1936, the Hydraulic Laboratory of the (then) State University of Iowa conducted a series of tests to determine the head lost by water discharging through Armco-Calco flap gates (currently offered by Hydro Gate as model 10C flap gates) The gates, which were 46, 61, and 76 cm (18, 24, and 30 in) in diameter,

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**28140 Cast Iron Slide Gates - Hydro Gate**

chances are excellent Hydro Gate has the right gates for your specific application Our product offering is vast and can suit applications for a wide variety of industries Choose from cast iron slide or flap gates, fabricated slide or flap gates, rectangular butterfly gates, stop logs, wall thimbles, lifts and accessories Industries We Serve

**HydroGate Wall Thimbles - Bienvenidos**

Hydro Gate furnishes, as standard, one or two vent holes at HydroGate CAST IRON SLIDE GATE 31 Advantages Because a thimble is an entirely separate part, it can be or flap gates, are commonly of the F-type, supplied in standard lengths of 12 in and 18 in, depending on the gate size and

**Tide Gate Alternatives - Juel Tide Gates | Seattle, WA**

A 60" Waterman flap gate at The Port of Umpqua catastrophically failed and broke into four pieces in January 2010 2 Wetlands located upstream from flap gates are effectively dewatered during dry periods Photo 1 - Cast iron or ductile iron flap gate by Hydro Gate Photo 2 - Large timber flap gate

**NEW LIFE FOR HYDRO ASSETS**

HYDRO-MECHANICAL SCOPE Our hydro-mechanical scope comprises turbines, including bearings and shafts, gates, penstocks, valves, spiral and wicket gates Valves and turbines are exposed to high loads during operation, but the years of operation are less critical than the effective number of load changes Nowadays, hydraulic machinery is

**Slide gates, stop gates and logs, and flap valves for ...**

Slide gates, stop gates and logs, and flap valves for controlling water Alfa Laval AS-H Coplastix® Features and benefits • Corrosion-resistant • Gate exercising not required • Ten times less friction than metal-to-metal gates • Disc and seal design prevents gate seizure • Half leakage rates of other conventional gates

**Hydro Power Plants - NTNU**

Gates in Hydro Power Plants Types of Gates • Radial Gates • Wheel Gates • Slide Gates • Flap Gates • Rubber Gates Radial Gates at Älvkarleby, Sweden Radial Gate The forces acting on the arc will be transferred to the bearing Slide Gate Jhimruk Power Plant, Nepal Flap Gate Rubber gate Reinforced rubber Open position Flow

**Hydro Gate Line Card - Mueller Co.**

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**TIDE GATES - Golden Harvest, Inc**

TIDE GATES GOLDEN HARVEST, INC GH-850-R Restrained Side Hinge Tide Gate GH-35 Self-Regulating Tide Gate GH-37 Tide-Regulated Tide Gate\*  
\*Manufactured exclusively by ...

**SECTION 11291 - FLAP GATES**

1 Hydro Gate Corp, Model 20C 2 Rodney Hunt Company, Series FV-AC PART 3 - EXECUTION 31 INSTALLATION A Flap gates shall be installed in accordance with the manufacturer's written instructions and as indicated B Prior to setting each gate, a 1/8-inch thick layer of mastic grade polysulfide elastomeric

**Water & Wastewater - Mueller Co.**

Cast or Ductile Iron Slide or Flap Gates, Fabricated Slide or Flap Gates, Rectangular Butterfly Valves, Stop-Logs, Wall Thimbles, Lifts and accessories From standard configurations to custom designs, Hydro Gate Water control Valves and Actuators meet your specific application

**ENGINEERING AND DESIGN**

Gates C-29 Plate C-13 Lower Gate Pintle Assembly, Horizontally Framed Miter Gates C-30 Plate C-14 Upper Gate Pintle Assembly, Horizontally Framed Miter Gates C-31 Plate C-15 Top Anchorage Assembly, Horizontally Framed Miter Gates C-32

**Installation, Operation, & Maintenance Manual**

encountered by the gate If the flap and hinge assembly is forced to operate beyond the design limits of the gate, damage can occur De-ice gates before operation Large Debris Logs, rocks, or other large debris may be in the opening as a gate is closed Damage to the flap, seating faces, or hinge can occur Remove large debris before operation

**RADIAL GATES - Waterman Industries**

Gates can be engineered for unique applications or can be manufactured from a standardized Waterman design In either case, they are always made to the customer's exact specifications They provide a light-weight economical gate that can be opened and closed with a minimum of effort Waterman Radial Gates can also be ordered for existing

**Tide Gate Alternatives - Juel Tide Gates | Seattle, WA**

- If the flap gate closes on debris and then experiences a large seating head, the wracking forces can damage the flap gate and/or hinges 1 Wetlands located upstream from flap gates are effectively dewatered during dry periods Photo 1 - Cast iron or ductile iron flap gate by Hydro Gate Photo 2 - ...