

INSTALLATION
OPERATION
MAINTENANCE

**M&H VALVE—FLAP VALVES (4”-30”)
STYLE 47-02**

General

Inspect all assemblies at time of delivery for shipping damage and to confirm compliance with order. The valve should be protected from rough handling. Water and debris should not be allowed to collect in valve.

I. Installation

- A. Check that valve end joints are clean
- B. Remove any material used to restrain the gate during shipment and storage.
- C. The gate should be checked to insure freedom of motion and proper operation
- D. When handling the valve, do not use the outside mechanism for lifting.
- E. Prepare pipe end of manhole as required, and install valve as per appropriate instructions for the specified joint. Bolt holes should straddle the vertical centerline.

II. Operations

Once properly installed, the valve will operate as pressure conditions dictate. The valve will open under direct pressure to release the outfall fluid and will close to prevent entrance of backwater when the direct pressure is relieved. The flap valve is a 10 degree inclined plane to insure positive seating.

III. Maintenance

Frequency of inspection should be at least on an annual basis. Joint should be visually inspected for leakage. Raise and lower the flap so pin can be checked for free operation.

Troubleshooting:

Exercise and lubricate the hinge/shaft pin (*with suitable lubricant) at least annually to assure free operation. Check bronze flap ring and seat ring for freedom from damage. Remove any debris found on inside of valve.

Notes:

There are no recommended spare parts

*Recommend food grade grease similar to Chevron FM Grease EP NLGI 2.