Read all instructions before installation or operation of equipment. Failure to comply with these instructions could result in bodily injury or property damage.

Installation

2. Be sure sufficient headroom is provided for removal of internal parts. See Sales Drawing for removal clearance. NOTE: Clearance for rigging equipment must also be considered.

3. Support the filter in the line as follows:

Fabricated filters are provided with mounting feet. The footpads are drilled to accommodate the use of anchor bolts. Place the filter in the line on concrete or steel mounts. Do not support the filter, or the piping coming to and from the filter, by the line flanges and flange bolting. See Figure 1 Supplement and Sales Drawing.

10. The NPT coupling under the outlet pipe could be used for a clean side drain line. See Figure 1 Supplement.

11. Attach the blow-off/drain line to the NPT coupling in the center of the bottom head. See Figure 1 Supplement. Install a ball, gate or plug valve in this line. Keep this valve closed except when necessary to drain the strainer or blow-off debris settled on the bottom.

12. Attach the backwash line to the side flanged opening. It is important to prevent backpressure by having a short, free-flowing backwash line with no vertical risers and a minimum of bends.

Removal of Cover & Operating Mechanism Assembly

3. Loosen swing bolt nuts and swing bolts to clear blocks.

4. Lift the cover assembly gently, using the lifting lugs on the cover. These lifting lugs are for the cover assembly. NOTE: See Installation, Item 1 to lift filter.

All internal parts may now be inspected for deterioration, wear or blockage and replaced or repaired as necessary. Inspection should include the element and bushing. The replacement procedures for the reducer, motor and filter are contained herein.

Replacement or Maintenance of Filter Element

(Totally revised as follows):

Replacement or Maintenance of Element & Backwash Arm Bushing (See Figure 1 Supplement)

The Hayward Model 2596 is furnished with a removable element secured to a support ring by four roll pins. The support ring is secured to the cover by four bolts, washers and locknuts.


2. Lift the cover assembly from the body and lower cover assembly to supports placed under support ring. Remove the four bolts between the support ring and cover, and then lift the cover assembly.

3. Inspect the element, sealing surfaces and bushing located at bottom of backwash arm. Clean element & sealing surfaces as required. Remove existing element by removing the roll pins. Replace element by aligning the element tab holes with the support ring holes and replace the roll pins. Replace backwash arm bushing as required.

4. Lower the cover & backwash arm assembly into the center of the support ring/element assembly. Secure cover to support ring with bolts, washers & locknuts.

5. Lift cover assembly and place into body.


7. Align cover and body bolt blocks and secure with swing bolts.

8. Connect the electrical leads to the motor. Please note that the direction of rotation is not important.

9. Install fuses and connect power source.

10. The unit is now ready for operation.

11. Refer to “Start-Up” procedures on page 5.

These sections are to be deleted from IOM 2596:

Pilot Bushing & Housing Replacement (p. 10), Figure 5 (p. 11), Figure 6 (p. 12) and Page 13
WHEN ORDERING SPARE PARTS, BE SURE TO SPECIFY ALL NAMEPLATE DATA AS WELL AS DESCRIPTION AND QUANTITY OF PARTS.

THIS UNIT HAS BEEN HYDROSTATICALLY TESTED PRIOR TO SHIPMENT FROM OUR PLANT IN ELIZABETH, NEW JERSEY.

HAYWARD INDUSTRIAL PRODUCTS, INC. CANNOT BE RESPONSIBLE FOR DAMAGES TO SEALS, SEALING SURFACES, ETC., DUE TO SUBSEQUENT HANDLING AND/OR COVER REMOVAL AND REPLACEMENT.