FLOMAX® 8 hydraulic self-priming centrifugal pumps are capable of creating vacuum sufficient to lift liquids from heights up to 25 feet above the source. Once primed, the pump's built in flapper valve will maintain a full column of liquid in the suction line.

A FLOMAX® 8 hydraulic pump is available with a .37, .45 or .58 cubic inch displacement gerotor motors. They are capable of hydraulic flows ranging from 5 GPM to 12 GPM and hydraulic pressures ranging from 900 PSI to 1850 PSI.

Standard features include stainless steel drive sleeve, stainless steel fasteners, renewable wearplate, and a semi-open dynamically balanced impeller. Options include double grease lubricated seals, stainless steel impeller and seals for all types of abrasive and/or corrosive services.

The FLOMAX® series of pumps are commonly used in Industrial, Agricultural and Marine applications, such as: Bilge Pumps, Auxiliary Fire Pumps, Ballast Transfer Pumps, Washdown Pumps, Fertilizer and Pesticide Pumps, Applicators & Sprayers, Blending Pumps, Nurse Tanks, Bulk Transfer Pumps and much more.

**SPECIFICATIONS:**

**PSI** ................. Up to 120
**Suction and Discharge** . . 2” x 2” NPT ports
**Materials of Construction** 316 stainless steel
  Aluminum
  Bronze
  Cast iron
**Flow** ................. Up to 200 GPM
**Head Feet** ............ Up to 275’
**Impeller** .............. 5.0” semi-open
**Max Solid Size** ........ .56” diameter
**Drive Options** ........ Hydraulic motor .37 cu. in.
  Hydraulic motor .45 cu. in.
  Hydraulic motor .58 cu. in.
**Seal** ................. Special seal material combinations available (consult factory)
  Standard carbon / ceramic / Viton

**Application:**
- Agricultural
- Industrial
- Marine

**Features:**
- Renewable wear plate
- Stainless steel drive sleeve
- Stainless steel fasteners
- Up to a 25’ suction lift

**Hydraulic Fluid Flow:**
- Up to 12 GPM

**Hydraulic Motor:**
- Gerotor

**Hydraulic System Pressure:**
- Up to 1900 psi

**Options:**
- Hydraulic motors with flow control
MODEL: FM-8
MOTOR: .58 DISP.
FULL DIAM. IMP. PEDESTAL

<table>
<thead>
<tr>
<th>OIL FLOW</th>
<th>SHUT OFF</th>
<th>20 GPM</th>
<th>40 GPM</th>
<th>60 GPM</th>
<th>80 GPM</th>
<th>100 GPM</th>
<th>120 GPM</th>
<th>140 GPM</th>
<th>150 GPM</th>
<th>180 GPM</th>
<th>200 GPM</th>
<th>MAX. HYD. OIL PRESS. REQ.</th>
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<td>8 GPM</td>
<td>29 PSI</td>
<td>26 PSI</td>
<td>23 PSI</td>
<td>20 PSI</td>
<td>16 PSI</td>
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<td>10 GPM</td>
<td>46 PSI</td>
<td>42 PSI</td>
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<td>63 PSI</td>
<td>58 PSI</td>
<td>54 PSI</td>
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<td>27 PSI</td>
<td>23 PSI</td>
<td>17 PSI</td>
<td>1300 PSI</td>
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</table>

Flow (GPM)

PRESSURE (PSI)

0 20 40 60 80

10 gal.

8 gal

12 gal.
MODEL: FM-8
MOTOR: .58 DISP.
FULL DIAM. IMP.
HY SPEED

<table>
<thead>
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<th>20 GPM</th>
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<th>60 GPM</th>
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<th>160 GPM</th>
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<tr>
<td>8 GPM</td>
<td>28 PSI</td>
<td>26 PSI</td>
<td>23 PSI</td>
<td>20 PSI</td>
<td>16 PSI</td>
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<td>9 PSI</td>
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<td></td>
<td></td>
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<td>650 PSI</td>
</tr>
<tr>
<td>12 GPM</td>
<td>65 PSI</td>
<td>61 PSI</td>
<td>56 PSI</td>
<td>53 PSI</td>
<td>48 PSI</td>
<td>43 PSI</td>
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<td>16 GPM</td>
<td>119 PSI</td>
<td>113 PSI</td>
<td>106 PSI</td>
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<td>72 PSI</td>
<td>56 PSI</td>
<td>39 PSI</td>
<td>1555 PSI</td>
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Flow (GPM)

PRESSURE (PSI)

120
100
80
60
40
20
0

8 gal
12 gal
16 gal

CN 7095-S
## FLOMAX® 8 HYDRAULIC

### Table of Parts

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
<th>ITEM NO.</th>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
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<td>CAPSCREW - 5/16&quot; X 1-1/2&quot;</td>
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* SUGGESTED REPLACEMENT PARTS
** COMPATIBLE FOR KEROSENE, JET A/8 & GASOLINE