



**ROGUE  
PUMP®**

**MAX RGT®-50FS Specifications**

**Pump Specifications**

**English/Metric**

|                       |                                 |
|-----------------------|---------------------------------|
| Flow-rate             | <b>50 gpm/189 lpm (approx*)</b> |
| Liquid/Medium         | <b>Liquid/Gas</b>               |
| Suction Pressure      | <b>Flooded</b>                  |
| Gas Dissolution (air) | <b>40 cfh, 10% maximum</b>      |
| Discharge Pressure    | <b>184ft/56m (80psi)</b>        |
| Shaft Seal Type       | <b>Mechanical Seal</b>          |
| Pump Mounting         | <b>Flex coupled</b>             |
| Impeller(s)           | <b>Single Stage</b>             |
| Fitting Dimensions    |                                 |
| Inlet                 | <b>2"/DN 50, flanged</b>        |
| Outlet                | <b>2"/DN 50, flanged</b>        |
| Gas Inlet             | <b>1/4" NPT/DN 6</b>            |
| Weight                |                                 |
| Pump                  | <b>150 lbs/68 kg</b>            |
| Pump & Motor          | <b>350 lbs/158.8 kg</b>         |

**Materials of Construction**

|              |   |
|--------------|---|
| Body         | <b>304 stainless steel</b>                |
| Shaft Sleeve | <b>304 stainless steel</b>                |
| Impeller     | <b>316 stainless steel</b>                |
| O-ring(s)    | <b>Viton</b>                              |
| Seal         | <b>Ceramic/C, 304SS, Viton</b>            |
| Guard        | <b>304 stainless steel, safety yellow</b> |
| Coupling     | <b>Urethane high speed rings</b>          |
| Base Mount   | <b>Carbon steel</b>                       |
| Finish       | <b>Cast stainless steel</b>               |

**Motor**

|                |                              |
|----------------|------------------------------|
| Horsepower     | <b>7.5 hp</b>                |
| Efficiency     | <b>Premium, 91.7%</b>        |
| Speed          | <b>1770 rpm</b>              |
| Material       | <b>Carbon steel, painted</b> |
| Enclosure Type | <b>TEFC</b>                  |
| Service Factor | <b>1.15</b>                  |
| Frame FLA      | <b>213T</b>                  |
|                | <b>23-18.8/9.4</b>           |

**Utilities Required**

|                  |                          |
|------------------|--------------------------|
| Phase/Hz/Voltage | <b>3/60/208:230-460v</b> |
|------------------|--------------------------|

\* Flow rate determined by fluid/gas, temperature and operating parameters.

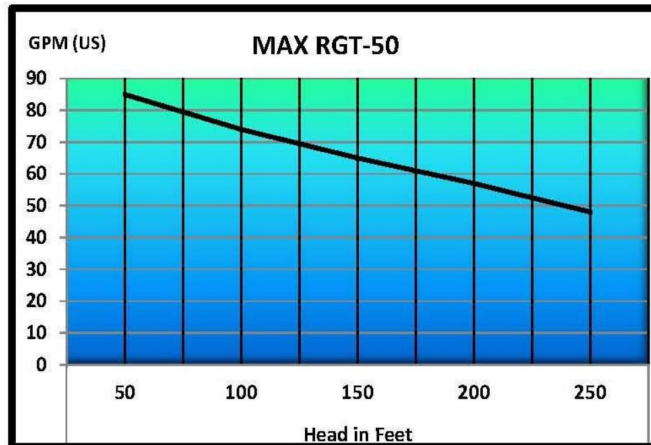




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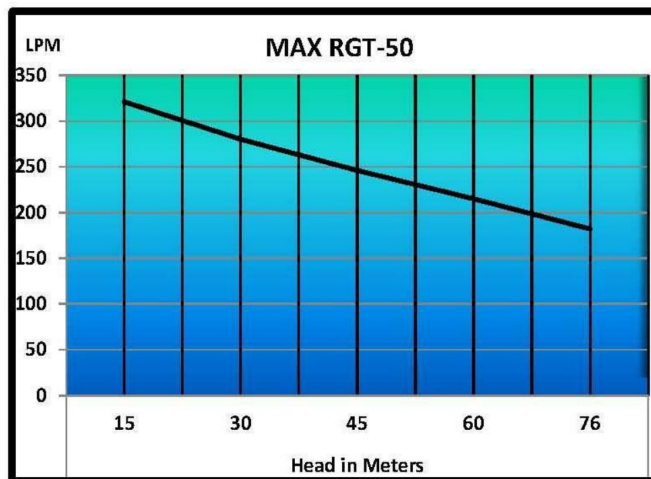
**ENGLISH UNITS**



Fluid specific gravity 1.0 @ 70°F

7.5hp 230v-460v 3p 60Hz 1750rpm

**METRIC UNITS**



Fluid specific gravity 1.0 @ 21°C

7.5hp 230v-460v 3p 60Hz 1750rpm

\* Flow rate determined by fluid/gas, temperature and operating parameters.

