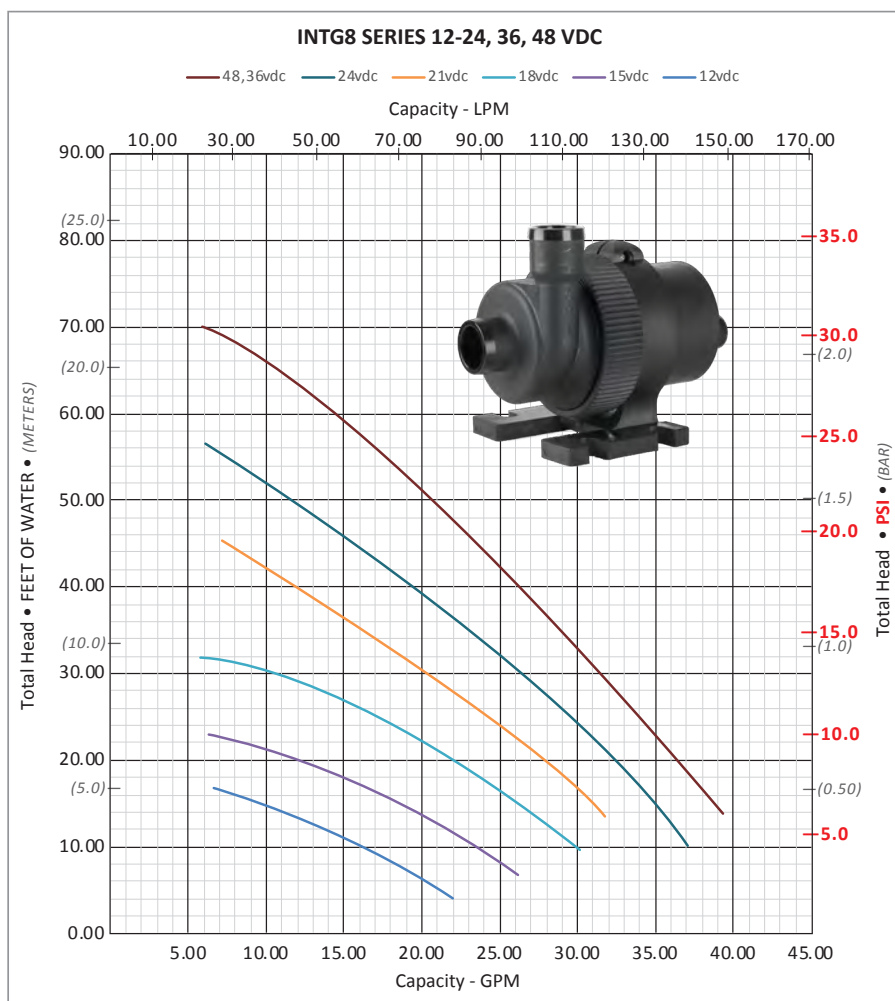


INTG8 Series • Maximum flow per voltage

Voltage	Flow (GPM)	Flow (L)	Ttl. Hd. (Ft)	Ttl. Hd. (PSI)	Ttl. Hd. (BAR)	Ttl. Hd. (M)
48 36vdc	39.29	148.74	13.84	6.00	0.41	4.22
24vdc	37.41	141.62	9.95	4.31	0.30	3.03
21vdc	31.77	120.27	13.58	5.89	0.41	4.14
18vdc	30.12	114.00	9.64	4.18	0.29	2.94
15vdc	26.20	99.19	6.70	2.90	0.20	2.04
12vdc	21.97	83.17	4.07	1.76	0.12	1.24



Note: Testing performed in a controlled laboratory environment. Actual performance may vary (+) or (-) 10% from the information shown.

Do Not Run Pumps Dry. Pumps must be in a continuous flooded suction environment.

Specifications

Maximum System Pressure: 75 psi

Approximate Weight: 3.5 lbs (1596.645 grams)

Ports: 1.25" MHB

Materials In Contact With Solution

Body: PPS	Housing: PPS	Static O-Ring: EPDM, FKM
Impeller: PPS	Pump Shaft: Ceramic	

Motor Specifications

Motor: Integrated, Brushless DC

Supply Voltage: 12-48 VDC

Electronics Maximum Power: 600 Watts

To protect the control board, each Integrity Series pump will be issued with a Maximum Power limit (Watts). To stay within this limit, the recommended fuse size (Amps) will be based on the voltage supplied.
(Watts = Voltage X Amps)

Control Options

- **Direct Supply Voltage:** Speed of the pump determined by the voltage supplied
- **Analog:** 0-5v DC signal
- **Digital:** PWM
- **CAN-Bus:** Option available
- **Tachometer:** Feedback option available

Maximum Fluid Rating Chart

Controller Position	Maximum Fluid Temp Rating
Separate from pump	225°F (107°C)
Within pump's housing	Not Applicable

Various factors influence the recommended maximum temperature rating. These factors play a role in determining the pump's life and applied warranties. In some applications, a higher maximum fluid temperature rating may be warranted.

Factors influencing maximum temperature rating include, but are not limited to:

- Starting temperature of fluid in system
- Ambient temperature
- Required performance, application's specifications
- Run time

Available Agency Approvals

Contact GRI

RoHS/REACH

Many GRI pumps are RoHS & REACH compliant. For declarations by specific model numbers, please contact GRI.

