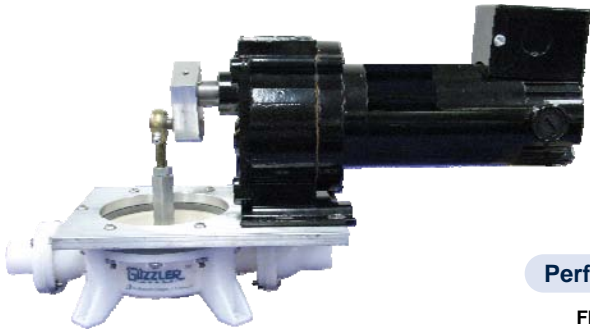




Guzzler® 24 VDC Electric Pump **GE-0404N**



- Potable-water approved components for parts in contact with fluid
- Ideal for pharmaceutical, food processing or biomedical applications
- 2.2 – 13.2 GPM
- Features 24 VDC motor with speeds from 20 – 120 RPM
- Accommodates 1/2" – 1" hose

Specifications / Options

Body & Ports *	Natural (Pigment-free) Delrin / White
Clamp Ring	Aluminum Motor Mounting Plate
Valves *	Flapper (White Buna), Umbrella (Silicone**)
Diaphragm *	White (pigment-free) Silicone
Clevis/Button Assembly *	SS Washer + Aluminum Clevis
Motor	24 VDC 1/8HP

* in contact with fluid

** Silicone not FDA-approved

Performance

Flow Rate	per stroke: 0.44 Qt (0.42L)
Max Lift	20 ft (6.1 m) ^{1,2}
Max Head	25 ft (7.6 m) ¹
Max Pressure	15 psi (1.0 bar) ¹
Max Service Temp	150°F (66°C)

¹ depending on choice of motor

² with a check valve

Available Ports

	in	1/2	3/4	1
	cm	1.27	1.91	2.54
Hose (Smooth)				S
NPT Female (Tapped)		•		
NPT Male (Threaded)			•	

S Standard • Optional

Motor Specifications

Motor Type	24 VDC, Permanent Magnet
Enclosure	Total Enclosed Non-ventilated
Brushes	Externally replaceable
Rotation	Reversible
Ambient	40°
Thermal Protection	None
Lubrication	Permanent Heavy Fluid Gear Oil
Gears	Hardened Steel
Weight	~12 lbs
Certifications	UL Recognized (E47479)

Valve Options

Flapper — General purpose liquid transfer. White (pigment-free) Buna.



Umbrella — Most efficient for pumping clean liquid. Also used for air and vacuum service.



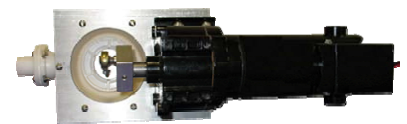
Installation Note: Pump cannot be mounted using pump body mounting feet alone. Motor needs additional support.

Use optional motor support bracket from Bosworth (shown above.) (Part # BR-01)



Side view

Installation Note: Pump cannot be mounted using pump body mounting feet alone. Motor needs additional support.



Top view

Available 24 VDC Motors & Performance

Pump Flow Rate ³ (GPM)	Motor Speed ³ (Name-plate RPM)	Full Load Torque (In-Lbs.)	Input HP	Full Load Amps	Max Pressure (psi)	Max Lift ⁴ (ft)	Max Head (ft)
2.2	20	254	1/8	4.5	15	20	25
3.3	30	254	1/8	5.3	15	20	25
7.0	64	113	1/8	5.3	8	18	18
13.2	120	60	1/8	5.3	4	9	9

³ at 0 lift, 0 head

⁴ Check valve recommended for lifts above 12 ft.

Guzzler® 24 VDC Electric Pump GE-0404N



Example: GE-0404N-027-48-5050-TL

- Guzzler Electric Pump
- Model style #0404N: Natural Delrin Body, Opposite Side Ports
- No Variable Speed control option
- White Buna-N Flapper Valves
- Silicone Diaphragm
- SS Washer & Aluminum Clevis
- Motor Mounting Plate Clamp Ring
- Inlet: 1" Smooth
- Outlet: 1" Smooth
- 24 VDC 64 RPM Motor

