

Guzzler® 24 VDC 2-Inch Electric Pump GE-2604A/B



GE-2604A

- 6.0 – 18.0 GPM, depending on motor/gear reducer selected
- Features 24 VDC motor with optional pump speeds from 30 – 90 cycles/min
 - Motor attaches to NEMA 56-C gear reducer flange
- Available in aluminum (GE-2600A) or bronze (GE-2600B)
- Accommodates 1-1/4" - 2" hose

Specifications / Options

Body & Ports *	Epoxy-coated Aluminum (Blue), Epoxy-coated Bronze (Bronze)
Clamp Ring	Aluminum or Bronze Motor Mounting Plate
Valves *	Buna-N Flapper w/molded steel reinforcement plate
Diaphragm *	Buna-N Double Sided
Clevis/Button Assembly *	Stainless Steel
Motors	Accommodates NEMA 56-C motor; other models equipped with 115 VAC and 12 VDC motors

* in contact with fluid

Motor Specifications

Motor Type	Permanent Magnet
Enclosure	Totally enclosed, non-ventilated
Voltage	24 VDC
Rotation	Reversible
Ambient	40°
Thermal Protection	None
Mounting	NEMA 56C-Face
Weight	~30 lbs
Length	11.9 in (30.3 cm)
Certifications	UL Recognized (E57948, CSA Certified)

Performance

Flow Rate	Per stroke: 0.80 Qt (0.76 L)
Max Lift	20 ft (6.1 m) ^{1,2}
Max Head	25 ft (7.6 m) ¹
Max Pressure	13 psi (0.9 bar) ¹
Max Service Temp	190°F (88°C)

¹ depending on choice of motor/gear reducer
² with a check valve

Available Ports

	in	1-1/4	1-1/2	2
	cm	3.18	3.81	5.08
Hose (Smooth)				S
NPT Female (Tapped)		•		
NPT Male (Threaded)			•	

S Standard • Optional

Valve Options



Flapper — General purpose liquid transfer. Features molded steel reinforcement plate.

Available 12 VDC Motor / Gear Reducers

Pump Flow Rate ³ (GPM)	Pump Speed ³ (cpm)	Output Torque (in-lbs)	Gear Ratio	Max Pressure (psi)	Max Lift/Head ⁴ (ft)	Input HP	Full Load Amps ⁵
6.0	30	391	60:1	12	20 / 25	1/3	27.0
9.0	45	431	40:1	13	20 / 25	1/2	39.0
12.0	60	395	30:1	12	20 / 25	1/2	39.0
14.4	72	348	25:1	11	20 / 25	1/2	39.0
18.0	90	288	20:1	9	20 / 21	1/2	39.0

³ at 0 lift, 0 head

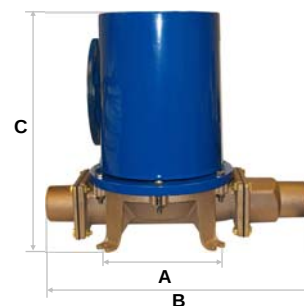
⁴ Check valve recommended for lifts over 12 ft.

⁵ at nameplate voltage



GE-2604B

Note: Dimensions and weights shown below do not include motor.



	in	cm
A	5-3/4	14.6
B	14-3/4	37.5
C	12	30.5
D	6-3/8	16.2
E	11-1/2	29.2
Mounting Holes	1/4	0.64
Weight* (Aluminum)	35.85 lb	16.2 kg
Weight* (Bronze)	44.15 lb	20.0 kg

* Excluding motor

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GE-2604A/B

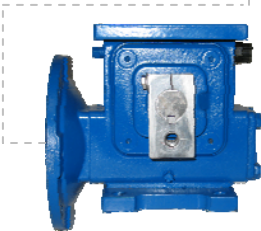
Product Model Number Nomenclature Guide

Example: GE-2604A-012-38-9090-RJ

- Guzzler Electric Pump
- Model style #2604A: Aluminum Body, Opposite Side Ports
- Buna-N Flapper Valves
- Buna-N Double-Sided Diaphragm
- Stainless Steel Clevis/Button Assembly
- Motor Mounting Plate Clamp Ring
- Inlet: 2" Smooth
- Outlet: 2" Smooth
- 1/2 HP motor; 60 cycles/min (cpm) / 395 in-lbs torque



24 VDC Motor



Gear Reducer & Motor-ready Flange



Clevis/Actuator



Clamp Ring



Button



Diaphragm



Button

Valve

Valve



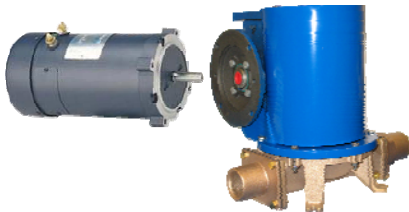
Inlet

Body

Outlet



GE-2604A



GE-2604B

Guzzler Product	
Option	Code
Hand Pump	GE

Style (Family)	
Option	Code
Alum., Opp. Side Ports	2604A
Bronze, Opp. Side Ports	2604B

Speed Control	
Option	Code
None	0

Valves	
Option	Code
Flapper (Buna-N)	1

Diaphragm	
Option	Code
Buna-N Dbl Sided	2

GE - 2604A - 0 1 2 - 3 8 - 90 90 - RJ

Clevis/Button Assembly	
Option	Code
Stainless Steel	3

Clamp Ring	
Option	Code
Motor Mounting Plate	8

Hose Connections		
Option	Code	
	Inlet	Outlet
1-1/4" NPT Tapped	71	71
1-1/2" NPT Threaded	82	82
2" Smooth	90	90

24 VDC Motor		
Option (Pump Speed / Torque)		Code
30 cpm / 391 in-lbs		RC
45 cpm / 431 in-lbs		RG
60 cpm / 395 in-lbs		RJ
72 cpm / 348 in-lbs		RN
90 cpm / 288 in-lbs		RQ