

5 Gallon Water Filling Machine

Catalog evidence and a practical basis for your equipment review

WHAT IS INCLUDED

Page 2: original QGF equipment overview.

Page 3: original QGF model specification table.

Source: *Allot Tech Beverage Bottling Catalog 2026*, original pages 21-22, reproduced without changing the listed values.

HOW TO USE IT

Start with your bottle and cap samples, return condition, required saleable bottles per hour and site utilities. Use the catalog to prepare questions, then confirm the final configuration in a project-specific technical proposal.

READ BEFORE SELECTING A MODEL

QGF-600, QGF-900 and QGF-1200 each show **800 b/h** in the source table. Do not infer output from the model number. Request clarified, configuration-specific data.

The catalog basis is **18.9 L, Dia.270 x 490 mm**. A 20 L bottle needs separate bottle, neck, cap and changeover approval.

Reference only - not a quotation, availability statement, hygiene validation or operating manual. Motor power is not necessarily the total connected load of the configured line.

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QGF - PLATFORM OVERVIEW

QGF 5-Gallon Overview

18.9 L / 5-gallon barrel washing-filling-capping production line

APPLICATION & FUNCTION

Integrates barrel washing, filling, and sealing.

Design information includes repeated washing / sterilizing by liquid washing and bleaching, automatic cap sealing, water-spray cap sterilization, optional bottle feeding / washing / sterilizing / filling / capping / counting / discharge functions, and combined mechanical, electrical, and pneumatic control.

KEY LINE COMPONENTS

- 01 **Leakage Checker**
- 02 **Full-auto Outside Brusher**
- 03 **Full-auto Inside Brusher**
- 04 **Full-auto Lid Remover**



COMPLETE LINE CONFIGURATION

MODEL FAMILY

QGF

REFERENCE OUTPUT

QGF-100 · 60-100 b/h

REFERENCE CONTAINER

18.9 L · Dia.270x490 mm

QGF-600, QGF-900, and QGF-1200 all show 800 b/h; verify during project confirmation.

QGF - MODEL RANGE

QGF Model Specifications

reference values are shown without normalization. Confirm product, container, output, utilities and interfaces before model selection.

Parameter	QGF-100	QGF-240	QGF-300	QGF-450	QGF-600	QGF-900	QGF-1200
Heads	1	2	3	4	8	8	8
Volume	18.9 L	18.9 L	18.9 L	18.9 L	18.9 L	18.9 L	18.9 L
Barrel size	Dia.270x490 mm	Dia.270x490 mm	Dia.270x490 mm	Dia.270x490 mm	Dia.270x490 mm	Dia.270x490 mm	Dia.270x490 mm
Capacity	60-100 b/h	100-240 b/h	250-300 b/h	400 b/h	800 b/h	800 b/h	800 b/h
Gas pressure	0.4-0.6 MPa	0.4-0.6 MPa	0.4-0.6 MPa	0.4-0.6 MPa	0.6 MPa	0.6 MPa	0.6 MPa
Gas use	0.37 m3/min	0.37 m3/min	0.6 m3/min	0.8 m3/min	1 m3/min	1.5 m3/min	1.8 m3/min
Motor power	1.38 kW	1.75 kW	3.8 kW	3.8 kW	7.5 kW	9.75 kW	13.5 kW
Voltage	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ
Weight	680 kg	800 kg	1500 kg	2100 kg	3000 kg	3500 kg	4500 kg

RATING BASIS / CONTAINER RANGE

18.9 L • Dia.270x490 mm • 380V/50HZ

QGF-600, QGF-900, and QGF-1200 all show 800 b/h; verify during project confirmation.