



G-SERIES LEVEL FILLERS FOR FREE-FLOWING LIQUIDS



Durable and dependable level fillers optimized for 1 gallon (3.78 L) and 1/2 gallon (1.89 L) containers

Federal offers a wide range of durable and dependable level fillers for free-flowing fluid products that require consistent fill levels. Our G-Series level fillers are optimized to run 1 Gallon (128 oz. / 3.78L) and 1/2 Gallon (64 oz. / 1.89L) containers at speeds up to 290 cpm.

All Federal fillers feature hygienic designs that make them easy to operate and easy to clean in even the most demanding production environments. They are recognized throughout the industry for their durable and dependable performance.

Federal fillers are capable of cold fill, ambient fill and hot fill applications. They are widely used for free-flowing liquids including milks, smoothies, yogurt drinks, kefir, laban, juices, juice drinks, iced teas, gallon water and kidney dialysis fluids.

G-Series fillers are offered with eleven base sizes and bowl pitch diameters to accommodate a wide range of speed or footprint requirements.

1 Gallon (3.78L) steady-state speeds range from 32 cpm on our 12-valve G-Series filler to 115 cpm on our largest 60-valve G-Series filler.

FEATURES AND BENEFITS

- **Hygienic 3-A certified design** - G-series level fillers include models authorized to display the 3-A symbol for third party verified sanitary designs
- **Consistent fill levels** - Federal filling valves deliver consistent, accurate fill levels regardless of container type or size
- **Multiple container types** - Federal fillers are compatible with HDPE, PET and glass containers
- **Stainless steel construction** - Federal fillers are recognized for durable and dependable performance and long useful lives
- **Fast, tool-less size changeovers** - Container size changeovers can be completed in less than 15-minutes
- **Multiple filling valve options** - Multiple filling valve configurations, including light-weight container valves, accommodate a variety of product applications
- **Standard & ESL models** - A complete range of extended shelf life options including HEPA enclosures and cap sterilization are offered
- **Multiple configurations** - Tribloc rinser filler capper, monobloc filler capper and filler only machine configurations are available

TYPICAL PRODUCT SPECIFICATIONS

G-SERIES LEVEL FILLERS FOR 32 TO 90 CPM (1 GALLON / 3.78 L)

BASE #	2	3	4	5	6
Base Dimensions	69" X 54"	78" x 60"	93" x 63"	90" x 66"	116" x 84"
Bowl Pitch Diameter	30"	35"	40"	48"	55.3"
Filling Valves Capping Heads	12.4	15.5	18.6	21.7	26.8
Nominal Filling Speeds*	1/2 G / 48 cpm 1 G / 32 cpm	1/2 G / 65 cpm 1 G / 42 cpm	1/2 G / 75 cpm 1 G / 55 cpm	1/2 G / 85 cpm 1 G / 65 cpm	1/2 G / 120 cpm 1 G / 90 cpm

G-SERIES LEVEL FILLERS FOR 110 TO 225 CPM (1 GALLON / 3.78 L)

BASE #	7	8	9	10	11	12
Base Dimensions	130" x 78"	188" x 128"	207" x 170"	220" x 183"	230" x 197"	250" x 221"
Bowl Pitch Diameter	66"	84"	96"	108"	120"	144"
Filling Valves Capping Heads	30.10	36.12	40.15	45.15	50.16	60.15
Nominal Filling Speeds*	1/2 G / 140 cpm 1 G / 110 cpm	1/2 G / 170 cpm 1 G / 135 cpm	1/2 G / 190 cpm 1 G / 150 cpm	1/2 G / 225 cpm 1 G / 180 cpm	1/2 G / 235 cpm 1 G / 185 cpm	1/2 G / 290 cpm 1 G / 225 cpm

*Nominal filling speeds for a water like product. Actual filling speeds will be dependent upon container neck finish diameter, product viscosity, and other product characteristics.

OPTIONS

- Allen-Bradley PLC & HMI
- Lightweight bottle filling valves
- Laser scanner safety guarding
- Automated filler CIP systems
- CIP skids
- HEPA enclosure
- Cap sterilization
- Sealed filling bowl
- Zalkin pick & place capping systems
- Container rinsing
- Tribloc rinser-filler-capper configurations
- Hot-fill product configurations
- ZPI Line Performance Monitoring & Analysis System
- Spare parts kit
- Proactive Maintenance Service Program