



S-SERIES LEVEL FILLERS FOR FREE-FLOWING LIQUIDS



Durable and dependable level fillers optimized for 8 oz (237 mL) and 16 oz (473 mL) size containers

Federal offers a wide range of durable and dependable level fillers for free-flowing fluid products that require consistent fill levels. Our S-Series level fillers are optimized to run popular single serve sizes from 8 oz. (236 mL) to 1 L (33.8 oz.) at speeds up to 1,050 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.

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

8 oz. (236 mL) steady-state speeds range from 240 cpm on our 24-valve S-Series filler to 1,050 cpm on our largest 120-valve S-Series filler.

FEATURES AND BENEFITS

- **Hygienic 3-A certified design** - S-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

S-SERIES LEVEL FILLERS FOR 240 TO 600 CPM (8 OZ. / 236 ML)

BASE #	2	3	4	5	6
Base Dimensions	69" X 54"	78" x 60"	93" x 63"	124" x 92"	138" x 102"
Bowl Pitch Diameter	30"	35"	40"	48"	55.3"
Filling Valves Capping Heads	24.8	30.10	36.15	42.14	48.24
Nominal Filling Speeds*	8 oz / 240 cpm 16 oz / 215 cpm 32 oz / 150 cpm	8 oz / 300 cpm 16 oz / 260 cpm 32 oz / 185 cpm	8 oz / 400 cpm 16 oz / 320 cpm 32 oz / 220 cpm	8 oz / 460 cpm 16 oz / 370 cpm 32 oz / 260 cpm	8 oz / 600 cpm 16 oz / 450 cpm 32 oz / 300 cpm

S-SERIES LEVEL FILLERS FOR 800 TO 1,050 CPM (8 OZ. / 236 ML)

BASE #	7	8	9	10	11	12
Base Dimensions	148" x 100"	188" x 128"	207" x 169"	220" x 183"	230" x 197"	250" x 221"
Bowl Pitch Diameter	66"	84"	96"	108"	120"	144"
Filling Valves Capping Heads	64.32	72.24	80.30	90.30	100.30	120.30
Nominal Filling Speeds*	8 oz / 800 cpm 16 oz / 600 cpm 32 oz / 400 cpm	8 oz / 760 cpm 16 oz / 700 cpm 32 oz / 480 cpm	8 oz / 840 cpm 16 oz / 770 cpm 32 oz / 550 cpm	8 oz / 950 cpm 16 oz / 875 cpm 32 oz / 625 cpm	8 oz / 1,050 cpm 16 oz / 950 cpm 32 oz / 690 cpm	8 oz / 1,050 cpm 16 oz / 1,050 cpm 32 oz / 830 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