

Rotary Fillers

Mid to High Speed Versatile Fillers

- Expandable liquid filling system offers fast, accurate filling
- Fast, easy changeovers
- Exclusive "ACCU-JUST™" quick change patented nozzles



The Proven Standard ® . . . Since 1941.

KAPS-ALL
PACKAGING SYSTEMS INC.

KAPS-ALL CAPPER ®

FILLS-ALL ®

FEED SYSTEMS ®

ORIENTAINER ®

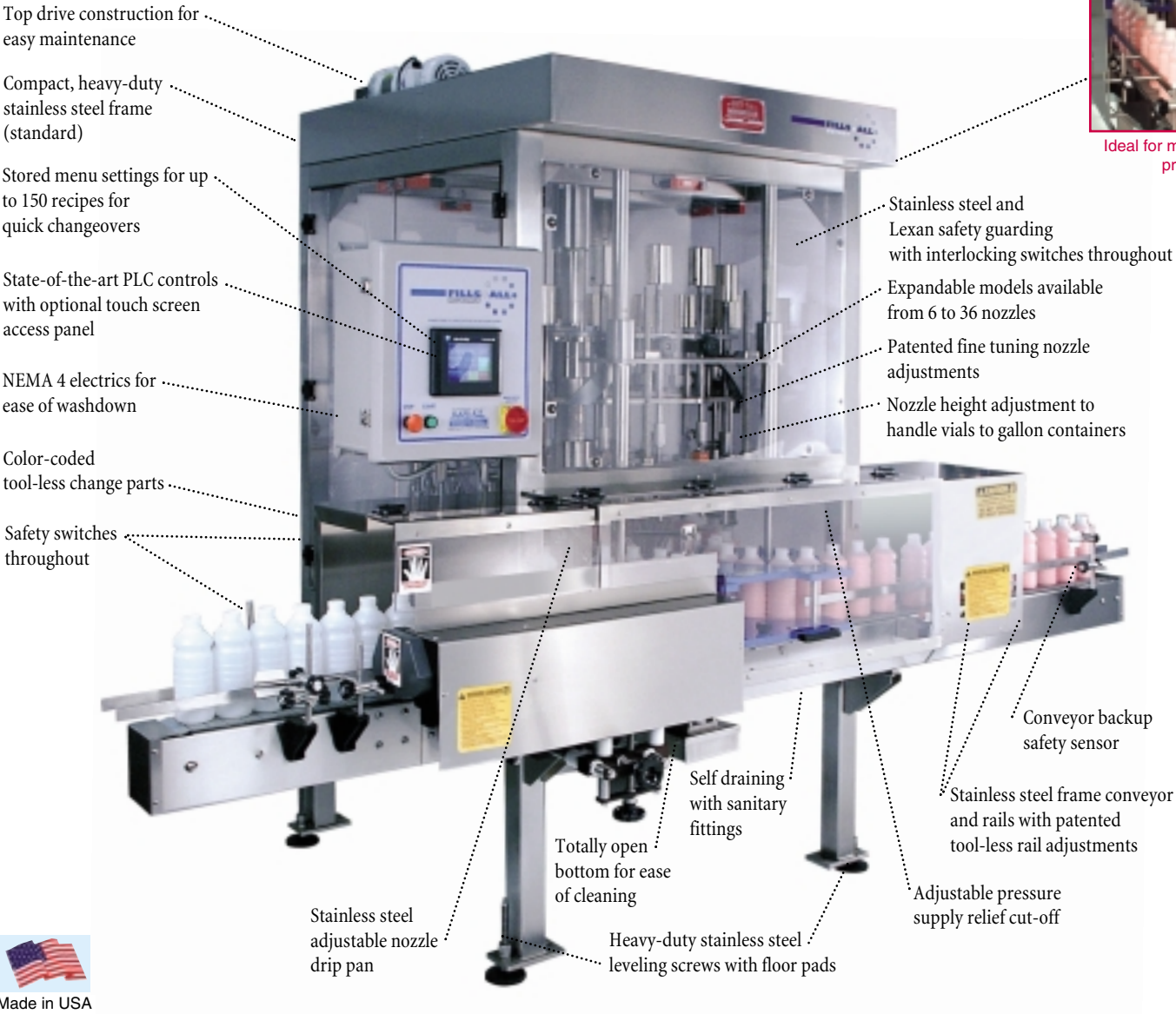
200 Mill Road, Riverhead, NY 11901 USA
Tel. (631) 727-0300 • Fax. (631) 369-5939

www.kapsall.com

Mid to High Speed Versatile Rotary Fillers

FILLS-ALL® quality fillers are designed for multipurpose filling operations — from free-flowing to viscous products. Only Kaps-All Packaging Systems, Inc. offers a wide range of filling methods and techniques. Kaps-All provides you with the best filling system for your specific application. They offer accuracy, repeatability and ease of use with little or no changeover parts. State-of-the-art components offer maximum performance, reliability and versatility to keep pace with your production requirements. FILLS-ALL fillers can operate separately or can be integrated into a complete packaging system. Filling demonstrations and testing of your products are available.

FILLS-ALL FILLERS ARE IDEAL FOR THE ENTIRE SPECTRUM OF FILLING APPLICATIONS:
• **Pharmaceutical** • **Industrial** • **Cosmetic** • **Biotech** • **Laboratory** • **Beverages** • **House-Hold Products**
• **Biomedical** • **Chemical** • **Food** • **Automotive** • **Veterinary** • **Paint** • **Toiletries and Hygienics**



- Features:**
- Several models to meet almost every production requirement (6 to 36 nozzles)
 - PLC controls with optional touch screen for easy operation (Displays everything!)
 - Filling capacity from vials to gallons with one machine. Handles containers of all materials
 - Ultra-heavy duty stainless steel construction — 2 year guarantee. . . the longest in the industry!
 - Stainless steel product contact parts
 - Numerous built-in safety features — Interlocked guarding, conveyor backup sensor, safety clutches, etc.
 - Software to monitor ALL filling operations with optional touch screen
 - Color coded, tool-less quick changeovers
 - Patented nozzle fill volume adjustment enables easy control of each nozzle for extremely accurate and repeatable fills
 - Quick and easy installation — Easily integrates into your production line
 - Heavy duty design manufactured for long term reliability and durability
 - Maximum performance, Minimum cost
 - No bottle, No fill
 - Smallest footprint for high production output



Continuous filling



Patented "ACCU-JUST™" liquid volume control



Color coded change parts



Optional touch screen controls



Standard control panel



Expandable filling system offers fast, accurate production

FILLS-ALL FEATURES:	BENEFITS:
Incorporates innovative, trendsetting patented Kaps-All® designs	<ul style="list-style-type: none">• Decades of trouble-free performance• 2 year guarantee—the longest in the industry!• Designed with over 60 years of engineering and manufacturing experience of packaging machinery . . . since 1941
Rotary filling system	<ul style="list-style-type: none">• Smooth, continuous filling• Outperforms more expensive rotary systems• No product spilling or splashing when running high fill levels• Fill speeds to meet your needs. . . several models available
Closed tip diving nozzles Flush-in-place capability	<ul style="list-style-type: none">• Foam control, no splashing, clean fill• System allows for fast and easy flushing• Speeds productivity, saves labor, time and costs• Eliminates the need for disassembly• Stainless steel adjustable nozzle drip pan
Top drive construction	<ul style="list-style-type: none">• Drive system is away from the wetted area and isolated from the container filling area• No belts— gear driven for durability and reliability• Longer operating life• Rigid power train for optimum speed and accuracy• Safety clutch drive
All stainless steel heavy duty construction with stainless steel frame and stainless steel nozzles	<ul style="list-style-type: none">• Protects against corrosion. Built to last. Stainless steel frame is <u>standard</u> with Kaps-All but optional with other manufacturers.• All stainless steel construction enables use in all industries
Easy bottle height adjustment Fast, easy bottle changes	<ul style="list-style-type: none">• Reduced setup time. Handles vials to gallon containers• Reduced labor and operational costs• Calibrated repeatable settings• Recipes and set-up changes with touch screen option
Unique Kaps-All design allows for future expansion from 6 stations to 36. Modular nozzles in stock in all sizes and types. Stainless steel and Lexan safety guards with interlocking switches. Safety bottle backup with manual restart.	<ul style="list-style-type: none">• Lowest possible initial cost• Extremely cost-effective ability to increase production rates• Machine is built to grow with your production requirements• High level of personal protection with interlocking guards• Drive train is protected against mechanical jams. This feature is <u>standard</u> with Kaps-All but optional with other manufacturers.• Anti-backup bottle detector will automatically pause filling when downline backup occurs
Patented fine tuning "ACCU-JUST™" nozzle adjustment (Optional — see inset photo) Microprocessor controls (standard) with optional touch screen	<ul style="list-style-type: none">• Each filling nozzle can be independently fine tuned to within 5/1000 inch to disperse the exact amount needed• Touch screen enables numerous added conveniences such as bottle counter, rate meter, digital speed, pump supply pressure, menu with recipes for quick changeovers, easy validation, closed loop controls, jog for easy setup, etc.• RS-232 option for linking machine and line integration
NEMA 4 electrics	<ul style="list-style-type: none">• Wash down rated turret drive motor, control panel, sensors/switches• Machine can be washed down as needed• No air required!
Exclusive dual manifold design	<ul style="list-style-type: none">• Combined manifold eliminates overflow tanks and unwanted spills while minimizing seals, tubes and parts• Opens up bottom of machine for ease of cleaning• Tool-less sanitary clamps to easily assemble/disassemble for cleaning• Clean product flow path with 316 stainless steel, standard• Minimizes container pressurization• Easily adjustable pressure supply relief cut-off mechanism allows for gentle nozzle removal for difficult to handle products and bottles
Available as pressure, gravity or combination fill system Optional Features:	<ul style="list-style-type: none">• Allows you to handle the widest possible range of products and filling speeds with one machine <p>Hazardous location controls, conveyor lengths to suit your needs, special bottle handling components, special tubing for hot fills, titanium and PVC nozzles/contact parts for special products, left to right travel is standard, right to left available, monoblock with capper. RS-232 interface for integration/validation, complete line integration, etc.</p>



Mid to High-Speed Rotary Filling Machines

Electric and Pneumatic Requirements

All models operate at 120 Volts (standard) or 220 Volts AC 60/50 cycles Hz (optional).

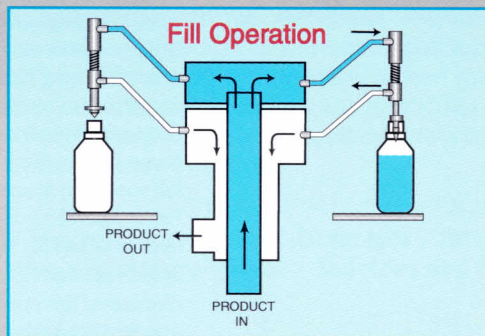
Air consumption not including pumps is Zero.

Model

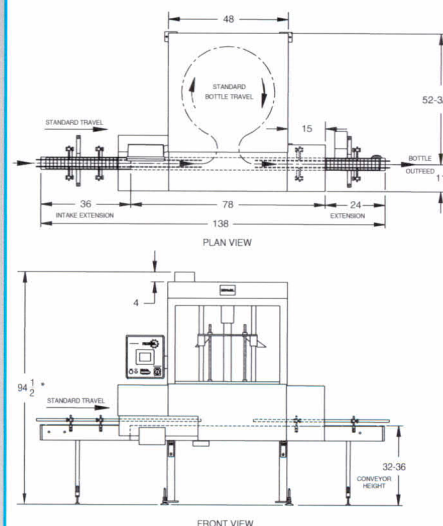
FA-R -18
FA-R -24
FA-R -36

Number of nozzles

6 - 18
8 - 24
12 - 36

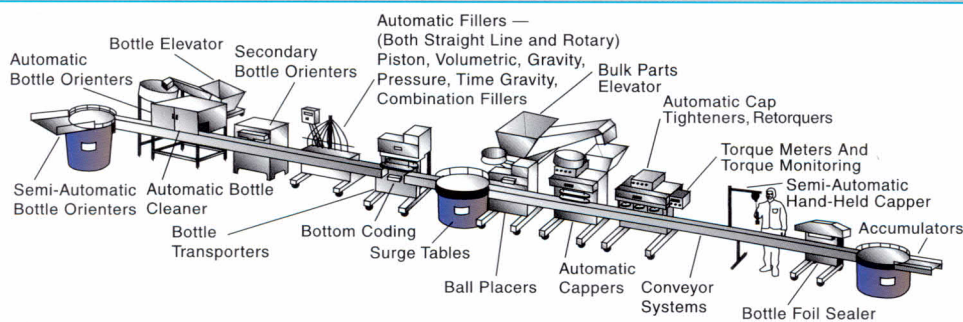


Dimensions and Specifications



*Height based on 32" high conveyor

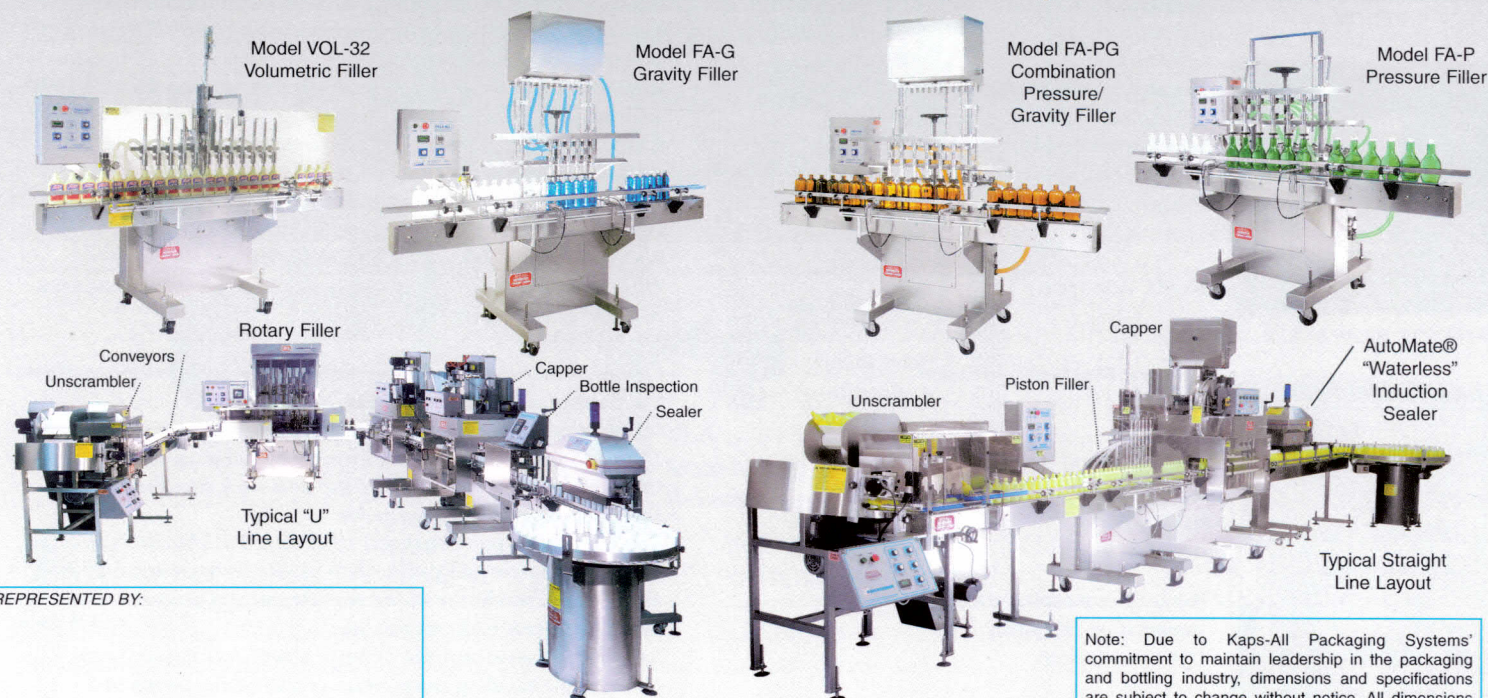
All dimensions are in inches.



"Complete Line Integration With One Source Responsibility"

Other filling machines and filling systems offered by Kaps-All Packaging Systems

Contact Kaps-All today for more detailed literature on these models and others (including semi-automatic fillers)



REPRESENTED BY:

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- DEVELOPERS AND MANUFACTURERS OF COMPLETE PACKAGING AND BOTTLING SYSTEMS**
- KAPS-ALL® Bottle Cappers • Cap Tighteners • FILLS-ALL® Rotary and Straight Line Automatic and Semi-Automatic Liquid Fillers
 - Bulk Loaders • FEED SYSTEMS® Rotary and Escalator Parts Feeders • ORIENTAINER® Bottle Orienters and Unscramblers
 - Accumulators • CLEAN-N-VAC® Bottle Cleaners • CONVEYS-ALL® Conveyor Systems • Ball Placers • Bottle Carriers
 - Heat Induction Bottle Sealers • Inspection Systems • EASY KAP® Hand Cappers • Desiccant Inserters
 - Electronic Torque Metering and Monitoring • Custom Packaging Machinery •