

# AVF Series

Automatic Piston Filling Machines



**AVF-10**

## **Key Features:**

- Two to twelve head filler configuration (8-128 oz. cylinders)
- Food grade stainless steel constructed
- A.B.I. kit (Automatic Bottling Index kit) with bottle counter
- Color touch screen controls with help menus and job memory
- PLC controlled
- Able to output multiple doses per container for large containers
- Tool-less dose volume adjustment for easy fine tuning of dose output
- Easy clean stainless steel quick connect fittings
- Separate fill and draw speeds for accurate control of viscous liquids
- 10 ft conveyor standard

## **Options:**

- Various custom filling nozzle configurations including;
  - Drip free positive off nozzles (For products that tend to string or drip)
  - Diving heads nozzles (For bottom up filling to reduce foam)
- Chunky product butterfly valves for products with particulates
- Heat or corrosive product packages (Contact parts and tubing)
- Star wheel container positioning
- Upgraded hoppers and tanks
- Self draining drip trays
- Neck grabbers for containers with small opening
- Sanitary conveyor system upgrades

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**ACCUTEK**  
Packaging Equipment Companies, Inc.

# AVF Series

## The Piston Powerhouse

Accutek's Automatic Volumetric Piston Filling Machines (AVF) are heavy duty filling powerhouses. They deliver precision dose filling, have flexible filling options, and offer multi work shift reliability. Each AVF filler dispenses an accurate measured volume of product to containers ensuring that there is little overfill, thus saving you money. AVF machines are versatile enough to fill thin products such as water or thick products like caulking compounds with little to no additional change parts. The AVF piston fillers can be used with a variety of ridged or lightweight containers that might be otherwise distorted by pressure of vacuum filling. All automatic models feature heavy-duty stainless steel adjustable height bases, sanitary stainless steel product cylinders, durable 10' variable speed conveyors, and color touch screen controls. The Accutek AVF Series really are the powerhouse fillers that can virtually do it all.



### **Recommended products this machine can fill:**

Semi-viscous and viscous liquids; catsup, mustard, mayonnaise, syrups, salsa, honey, peanut butter, jellies, dipping sauces, lip balm, shampoo, thick soaps, styling gels, facial masks, wax, glue, grease, sealants, silicone and much more.

1 Fill speed is dependent on several things: model, operator, container dimensions, and product characteristics.  
2 Optional parts of programming may be needed to match the specialty product specifications.



Click pictures for close up

### AVF Closeup

Accutek AVF piston fillers are designed to dispense a wide variety of liquid and semi-liquid products with or without particulates. These machines cater to the food, pharmaceutical, cosmetic, chemical, and a number of other specialty industries. The assortment of products that piston fillers can accommodate is almost unlimited, ranging from water thin liquids to thick creams and pastes. All though piston fillers can be used to fill thin liquids they are best suited for viscous products that other machine types are unable to dispense. Piston fillers can also be custom tailored to meet almost any product characteristics. (Salsa or exfoliating skin care products are good examples). In addition to being a highly versatile filling machine, the AVF Piston Fillers are constructed with heavy duty stainless steel frames and quick connect food grade contact parts providing quick and easy cleanup. [click here to visit the Accutek web site.](#)

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## AVF2

Automatic Two Head Piston Filler



### Unit Specifications

<b>Dimensions:</b>	120" x 48" x 62" (304.8 cm x 121.9 cm x 198.1 cm)
<b>Weight:</b>	~800 lbs. (365 kg)
<b>Electrical Requirements:</b>	120 VAC, Single Phase, 60 Hz (220 or 240 VAC available)
<b>Air Requirements:</b>	100 PSI / 3 CFM

### Output

<b>Filling Speed:</b>	Up to 20 CPM <sup>1</sup>
<b>Viscosity Range:</b>	1 - 20,000 cps (Centipoise)

### Speciality Products

<b>Foamy Product:</b>	YES <sup>2</sup>
<b>Corrosive Product:</b>	YES <sup>2</sup>
<b>Heated Product:</b>	YES <sup>2</sup>
<b>Particulates:</b>	YES <sup>2</sup>



## AVF4

Automatic Four Head Piston Filler



### Unit Specifications

<b>Dimensions:</b>	120" x 56" x 96" (304.8 cm x 142.2 cm x 243.8 cm)
<b>Weight:</b>	~900 lbs. (410 kg)
<b>Electrical Requirements:</b>	120 VAC, Single Phase, 60 Hz (220 or 240 VAC available)
<b>Air Requirements:</b>	100 PSI / 3 CFM

### Output

<b>Filling Speed:</b>	Up to 40 CPM <sup>1</sup>
<b>Viscosity Range:</b>	1 - 20,000 cps (Centipoise)

### Speciality Products

<b>Foamy Product:</b>	YES <sup>2</sup>
<b>Corrosive Product:</b>	YES <sup>2</sup>
<b>Heated Product:</b>	YES <sup>2</sup>
<b>Particulates:</b>	YES <sup>2</sup>



## AVF6

Automatic Six Head Piston Filler



### Unit Specifications

<b>Dimensions:</b>	120" x 56" x 96" (304.8 cm x 142.2 cm x 243.8 cm)
<b>Weight:</b>	~1000 lbs. (455 kg)
<b>Electrical Requirements:</b>	120 VAC, Single Phase, 60 Hz (220 or 240 VAC available)
<b>Air Requirements:</b>	100 PSI / 3 CFM

### Output

<b>Filling Speed:</b>	Up to 60 CPM <sup>1</sup>
<b>Viscosity Range:</b>	1 - 20,000 cps (Centipoise)

### Speciality Products

<b>Foamy Product:</b>	YES <sup>2</sup>
<b>Corrosive Product:</b>	YES <sup>2</sup>
<b>Heated Product:</b>	YES <sup>2</sup>
<b>Particulates:</b>	YES <sup>2</sup>



## AVF8

Automatic Eight Head Piston Filler



### Unit Specifications

<b>Dimensions:</b>	120" x 56" x 96" (304.8 cm x 142.2 cm x 243.8 cm)
<b>Weight:</b>	~1000 lbs. (455 kg)
<b>Electrical Requirements:</b>	120 VAC, Single Phase, 60 Hz (220 or 240 VAC available)
<b>Air Requirements:</b>	100 PSI / 3 CFM

### Output

<b>Filling Speed:</b>	Up to 80 CPM <sup>1</sup>
<b>Viscosity Range:</b>	1 - 20,000 cps (Centipoise)

### Speciality Products

<b>Foamy Product:</b>	YES <sup>2</sup>
<b>Corrosive Product:</b>	YES <sup>2</sup>
<b>Heated Product:</b>	YES <sup>2</sup>
<b>Particulates:</b>	YES <sup>2</sup>



## AVF10

Automatic Ten Head Piston Filler



## AVF12

Automatic Twelve Head Piston Filler



### Unit Specifications

<b>Dimensions:</b>	120" x 56" x 96" (304.8 cm x 142.2 cm x 243.8 cm)
<b>Weight:</b>	~1100 lbs. (500 kg)
<b>Electrical Requirements:</b>	120 VAC, Single Phase, 60 Hz (220 or 240 VAC available)
<b>Air Requirements:</b>	100 PSI / 3 CFM

### Output

<b>Filling Speed:</b>	Up to 100 CPM <sup>1</sup>
<b>Viscosity Range:</b>	1 - 20,000 cps (Centipoise)

### Speciality Products

<b>Foamy Product:</b>	YES <sup>2</sup>
<b>Corrosive Product:</b>	YES <sup>2</sup>
<b>Heated Product:</b>	YES <sup>2</sup>
<b>Particulates:</b>	YES <sup>2</sup>



### Unit Specifications

<b>Dimensions:</b>	120" x 56" x 96" (304.8 cm x 142.2 cm x 243.8 cm)
<b>Weight:</b>	~1200 lbs. (545 kg)
<b>Electrical Requirements:</b>	120 VAC, Single Phase, 60 Hz (220 or 240 VAC available)
<b>Air Requirements:</b>	100 PSI / 3 CFM

### Output

<b>Filling Speed:</b>	Up to 120 CPM <sup>1</sup>
<b>Viscosity Range:</b>	1 - 20,000 cps (Centipoise)

### Speciality Products

<b>Foamy Product:</b>	YES <sup>2</sup>
<b>Corrosive Product:</b>	YES <sup>2</sup>
<b>Heated Product:</b>	YES <sup>2</sup>
<b>Particulates:</b>	YES <sup>2</sup>

