

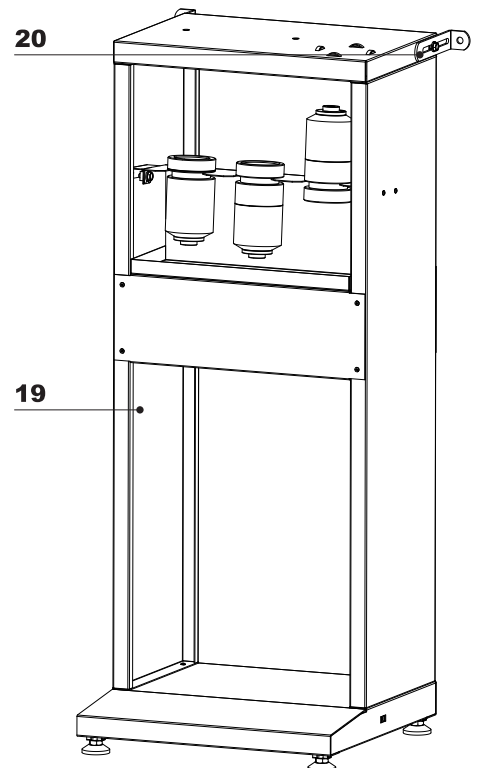
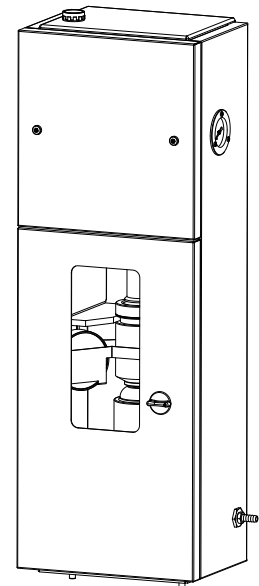
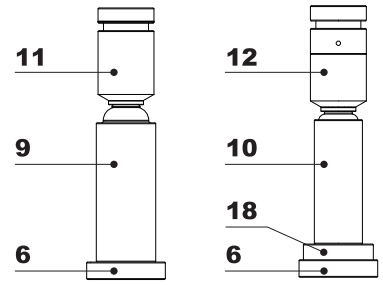
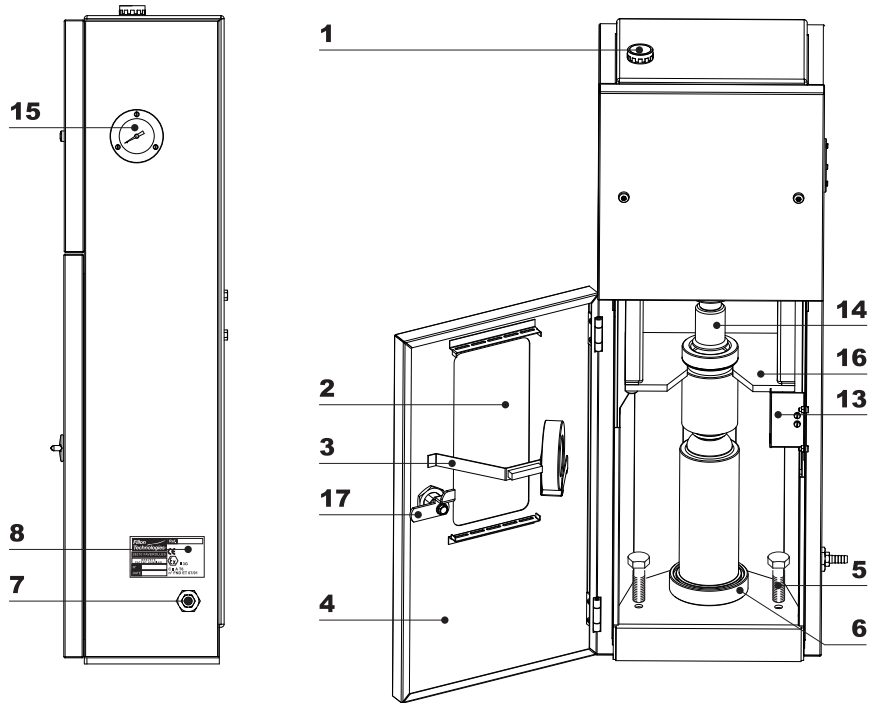
# **AEROSOL FILLING MACHINE**

---

**FILL SPRAY  
RA 400 S**

---

E00210A



- |    |                                     |
|----|-------------------------------------|
| 1  | PLAY SWITCH                         |
| 2  | WINDOW                              |
| 3  | POSITIONER                          |
| 4  | DOOR                                |
| 5  | FIXING BOLT                         |
| 6  | ADJUSTABLE PLATFORM                 |
| 7  | AIR FLOW - RT FEMALE VALVE          |
| 8  | MANUFACTURER'S IDENTIFICATION PLATE |
| 9  | 16 oz AEROSOL CAN                   |
| 10 | 8 oz AEROSOL CAN                    |
| 11 | 16 oz AEROSOL CAN FILLING CYLINDER  |
| 12 | 8 oz AEROSOL CAN FILLING CYLINDER   |
| 13 | SAFETY DOOR SWITCH                  |
| 14 | PISTON                              |
| 15 | PRESSURE GAUGE / MANOMETER          |
| 16 | GUIDE FOR THE FILLING CYLINDER      |
| 17 | SAFETY LOCK                         |
| 18 | 8 oz AEROSOL CAN SPACER             |
| 19 | FILL SPRAY SUPPORT TABLE T 56 FS    |
| 20 | FIXATION BRACKET                    |

# Thank you for purchasing the ultimate aerosol filling system!

## GENERAL INFORMATION

Fill Spray works in conjunction with convenient and universal fitting RT female valves (fig. 7) For more information about using the proper valve contact your paint manufacturer or distributor.

Fill Spray features an innovative built-in centering mechanism to position and secure aerosol cans during operation. A special platform (fig. 18) is also included to elevate 8-oz aerosol cans to the proper height for filling.

## **PLEASE READ THE IMPORTANT SAFETY INSTRUCTIONS BELOW BEFORE ATTEMPTING TO OPERATE THE EQUIPMENT.**

## COMMISSIONING

1. Unpack the machine taking care to remove all protective packaging including the bag of hardware.
2. Place the machine in a well-ventilated area near a reliable source of compressed air.  
**NOTE: Air pressure must reach 100 PSI (+/- 30) or 7 Bar (+/- 2) to operate properly.**

If having purchased the optional T 56 FS work table (fig.19) - mount the machine with the two long hex bolts provided (fig. 5) and connect the air hose to the inlet ¼" female valve fitting (fig. 7). Next, secure the table to the floor or wall with the brackets provided (fig. 20)

## SAFETY PRECAUTIONS

1. Use only pre-gassed aerosol cans compatible with the machine as supplied by your paint manufacturer and never attempt to fill a dented can.

**16-ounce aerosol- 400 ml**  
**8-ounce aerosol – 200 ml**

2. Never expose aerosol cans to temperatures exceeding 100 degrees Fahrenheit before attempting operation.
3. Take care never to interfere or tamper with the operation of the safety door switch.
4. Fill Spray must only be used with solvent and waterborne paint products. Do not attempt to fill aerosol cans with toxic substances, hydrogen carbide, or carcinogenic materials. Always check with your supplier to be safe.
5. Keep a fire extinguisher nearby and obey all City, State, and Local fire and safety codes.
6. Always wear protective eyewear and safety gloves during operation.
7. Wash the piston and any plastic parts with a damp wet cloth to avoid electrostatic charges.

## GENERAL AEROSOL SAFETY

Always exercise proper care and caution when working with pre-gassed (propellant and solvent) aerosol cans. Always check the condition of aerosol cans for dents and/or compatibility before filling.

***NEVER fill an aerosol can more than once to avoid the risk of a potential explosion resulting in serious injury. Fillon Technologies assume no responsibilities or liabilities for failure to observe these safety instructions and warnings contained herein.***

## ACCIDENTAL OVERFILLING

If a user accidentally tries to fill an aerosol can more than once a loud noise will precede the can 'bending' or becoming convex. If this should happen, immediately release the pressure from the play switch to return the piston to its starting position.

### **NOTE:**

***if the operator attempts to fill an aerosol more than twice the machine will require disassembly to extract the filling cylinder.***

The procedure is as follows:

1. Disconnect the AIR pressure from the machine
2. Remove the four 10mm screws located on the back of the Fill Spray housing.
3. Carefully remove the filling cylinder and aerosol can while avoiding spilling any remaining paint product.
4. Properly dispose of any remaining paint (make sure it is completely free of paint debris) and then disengage the cylinder from the can outdoors or in a properly ventilated work area.

## OPERATION

1. Lock and secure the appropriate filling cylinder (8 or 16 oz) onto the valve fitting of the pre-gassed aerosol can.
2. Pour the paint product according to the manufacturer's specifications into the filling cylinder until it reaches the external marked 'fill' line.  
16-oz aerosol filling cylinder (fig. 11) - 100ml maximum  
8-oz aerosol filling cylinder (fig. 12) - 50 ml maximum
3. Load the engaged filling cylinder and can assembly into the filling machine taking care to use the supplied platform (fig.18) if using an 8oz can.
4. Secure the aerosol by adjusting the platform (fig.6) (by turning clockwise) until it reaches the base of the bottom of the can.
5. Close and lock the door securely to activate the air supply.
6. Press and hold the play switch for approximately 3-4 seconds until the piston fully reaches the bottom of the filling cylinder.
7. Open the door and remove the aerosol can and cylinder then disengage the cylinder from the prepared can.
8. Affix the diffuser and cap onto the aerosol can and spray according the manufacturer's directions.

## MAINTENANCE

1. Use a towel dampened with solvent thinner to wipe the piston after each use.
2. Wipe any remaining paint product from the filling cylinder using a pre-dampened solvent cleaning clothe and hang to dry on the holder provided.
3. Periodically clean the machine from any dried paint spills by using a mild thinner.
4. Replace worn pistons (see below) by contacting your paint manufacturer, distributor or Fillon Technologies.
5. Check the condition of the filling cylinders for cracks and/or damaged hardware before each use.
6. Monitor the Air pressure to be operating at 100-PSI +/- 30.

***Do not attempt to repair or replace any integral parts of the filling machine. Contact Fillon for service at 1-800-777-1583, Monday- Friday 8-4:30 PM EST.***

## TROUBLE-SHOOTING

1. If the air pressure rapidly decreases and paint product is forced out of the filling cylinder during operation, then the piston is worn and needs replacing. Disconnect by unscrewing and replace with a new piston.

***WARNING: Never use tools to remove pistons and only use OEM replacements compatible with the equipment.***

2. If you cannot remove the cylinder from the machine it means that the air pressure is no longer adequate. Check the pressure and re-correct with 100PSI +/-30.

## SERVICE AND TECHNICAL SUPPORT

For technical support, replacement parts, or more information about our products call,  
**1-800-777-1583** or 401-431-1580 **Monday- Friday 8:00- 4:30 PM EST** reach us on-line at

Please visit our **website** for more innovative products at:

**[www.fillontech.com](http://www.fillontech.com)**

**To order a spare part :** Mention all the information provided on the manufacturer's identification plate, the part item number given on the manual, and the quantity

|                             |                           |
|-----------------------------|---------------------------|
| <b>Fillon Technologies™</b> | Ref. <input type="text"/> |
| 28210 FAVEROLLES            | CE                        |
| BREVETE<br>PATENT PENDING   | Ex II 3 G                 |
| N° <input type="text"/>     | C II A T6                 |
| DATE <input type="text"/>   | n° FND ET 07/01           |

**Fillon Technologies™**