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## Fill-Air Rocket<sup>™</sup> Inflatable Packaging System

Optional Stand with Integrated Bin

User's Guide Original Instructions



## For Toll Free Service Information Call 1-800-243-1102 (U.S.)

Model:

Fill-Air *Rocket*<sup>TM</sup> Inflatable Packaging System

**Serial No:** 

**Accessories:** 





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## **1.0 About This Guide**

The *Fill-Air Rocket*<sup>TM</sup> *Inflatable Packaging System User's Guide* is written and illustrated to easily familiarize the operator with system component locations, system operation, and basic troubleshooting procedures.

This guide covers the Fill-Air *Rocket*<sup>TM</sup> Inflatable Packaging System.

U.S. and other patents pending.

#### Information symbols used throughout this guide:



This "BOLT OF LIGHTNING" symbol indicates that there is non-insulated material within your unit that may cause an electrical shock.



This "HOT" symbol calls attention to the need to be aware of components that may be hot.



This "GOGGLES" symbol calls attention to the need to wear protective eye wear while performing maintenance procedures.



This "EXCLAMATION POINT" symbol calls attention to equipment features that you should be familiar with by reading the enclosed literature. This will help prevent operating and maintenance problems.



This "TRIANGLE" symbol calls attention to special notes that will enhance operating and maintenance and repair procedures.



This "FLOAT" symbol indicates that the bag must not be used as a flotation device.



This "TOY" symbol indicates that the bag must not be used as a toy.



This "PILLOW" symbol indicates that the bag must not be used as a pillow.

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#### About This Guide (cont.) 1.0

#### Definitions used throughout this guide:

An Operator is defined as those individuals who have been trained by a Sealed Air<sup>®</sup> representative and are authorized to: operate the system and to perform basic maintenance as outlined in this guide.



**Warning!** Only *qualified service personnel* who have been trained by a Sealed Air<sup>®</sup> representative are allowed to perform maintenance and repair procedures.

- Qualified Service Personnel is defined as those individuals who have been trained by a Sealed Air® representative and are authorized to: operate the system and to perform most maintenance and repair procedures.
- A Sealed Air<sup>®</sup> representative is defined as those individuals who are authorized to install and ٠ decommission the system, operate the system, train Operators, train Qualified Service Personnel, and to perform all maintenance and repair procedures.

#### NOTICE

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## 2.0 Safety

- 2.1 Important Safety Precautions
- 1. Read and thoroughly understand this guide.
- 2. Before operating the Fill-Air *Rocket*<sup>TM</sup> System, be sure of the following:
  - The operator has received full training by an authorized Sealed Air<sup>®</sup> Representative.
  - The operator has read and understood all safety instruction labels attached to the system.
  - The system is plugged into a properly rated, grounded outlet see 3.3 *Electrical Power Requirements*.



**Warning!** Do not remove the guards or access covers. The guards and access covers should be removed only by an authorized Sealed Air<sup>®</sup> Representative or *qualified service personnel* that have been trained by a Sealed Air<sup>®</sup> representative.



**Warning!** Risk of Entrapment - Keep fingers, loose hair, clothing and jewelry away from the edge seal roller when material is feeding, inflating, and sealing.



Warning! Hot Surface - Be aware of the edge seal roller function and location.



3. The Fill-Air *Rocket<sup>TM</sup>* System packaging is intended to be used only as packaging material.



Warning! Do not use the bags as a flotation device.



Warning! Do not use the bags as a toy.

Warning! Do not use the bags as a pillow.

- 4. Before performing maintenance and repair procedures, be sure of the following:
  - Turn the main power switch to the OFF position, unplug the power cord, and follow proper Lockout/Tagout procedures when instructed.
    - **Warning!** Do not attempt to repair or modify the Fill-Air *Rocket*<sup>TM</sup> system other than the procedures contained in the 4.0 Set-up, 5.0 Operation, or 6.0 Maintenance and Repair sections of this guide. All repairs must be done by a Sealed Air<sup>®</sup> Representative or *qualified service personnel* that have been trained by a Sealed Air<sup>®</sup> representative.



**Warning!** Use protective eye wear as indicated when performing maintenance and repair procedures.



**Warning!** Do not open the covers except where instructed in the *5.0 Operation* or the *6.0 Maintenance and Repair* sections of this guide.

### 5. Lockout / Tagout (LOTO):

• All maintenance and repair procedures should be performed in the approved manner using Lockout/Tagout recommendations.

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#### 6. Inspect at regular intervals to ensure that:

- Component cables are not cut, broken, or damaged.
- All controls and indicators function properly.
- Warning! If operation of the system differs from the descriptions in this guide, turn the system OFF and disconnect and lock-out the main power until the unit can be inspected by a Sealed Air<sup>®</sup> representative.

#### 7. Airborne Noise Emission:

• This machine does not exceed 75 dB(A) during normal operation. Please check to make sure you comply with your local health and safety requirements.

#### 8. Environmental conditions:

- Storage temperature: machine and material rolls 32°-110°F / 0°-43°C
- Operating temperature: machine and material rolls 60°-110°F / 16°-43°C

▲ Note: Material rolls, if extremely cold or hot, must be brought to operating temperature to properly seal. Materials stored at temperatures outside the specified storage temperature range can be damaged and rendered unusable.

#### 9. **Residual Risk:**

Safety guarding is incorporated into the Fill-Air *Rocket*<sup>™</sup> system, however minimal access is present at the edge seal assembly. Care and avoidance need to be taken to prevent possible contact with or entrapment by the hot roller.

(see the following pages for 10. Safety Devices)





10. Safety Devices - see *Figure 2-1*:

**Warning!** Do not remove or tamper with the following built-in safety devices.

• **Emergency Stop Button (E-Stop)** - This red button, when pushed, disables all system functions. It is located above the control panel.



**Warning!** Hot Roller - When material is inflating and sealing, the edge seal roller is hot. Be aware of the edge seal function and location.



**Warning!** Risk of Entrapment - Keep fingers, loose hair, clothing and jewelry away from the edge seal roller when material is feeding, inflating, and sealing.



## 2.2 Compliance

The Fill-Air *Rocket*<sup>™</sup> System is eligible to bear the CSA mark shown with adjacent indicators 'C' and 'US', the PSE mark, and the CE mark.



The Fill-Air *Rocket*<sup>™</sup> system has been designed and constructed to fulfill all the relevant provisions of the 2006/42/EC Machinery Directive, 2006/95/EC Low Voltage Directive, the 2004/108/EC Electromagnetic Compatibility (EMC) Directive, and the 2011/65/EU RoHS Directive.

EN 60204-1: Safety of Machinery – Electrical equipment of machines EN 13849: Safety Controls EN 12100: 2010: Safety of Machinery – Principles for risk assessment EN ISO 13857: Safety of Machinery – Safety distance to prevent danger zones being reached by upper limbs EN 349: Safety of Machinery – Minimum gaps to avoid crushing of parts of the human body EN 953-1: Safety of Machinery – General requirements for the design and the construction of fixed and removable guards

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### 2.2 Compliance (cont.)

EN 61000-6-4: Generic Emissions, Industrial Environment EN 55011: Radio interference characteristics of ISM equipment EN 55014: Radio interference characteristics of Household equipment EN 61000-6-2: Generic Immunity, Industrial Environment EN 61000-4-2: ESD EN 61000-4-2: ESD EN 61000-4-3: Radiated immunity EN 61000-4-4: EFT EN 61000-4-5: Surge EN 61000-4-6: Conducted immunity EN 61000-4-11: Voltage dips and interruptions EN 50581: RoHS UL 963: Sealing, Wrapping, and Marking Equipment CSA C22.2 no 68 Motor operated appliance



## 3.0 Overview

## 3.1 System Description

The Fill-Air *Rocket*<sup>™</sup> Inflatable Packaging System creates on-demand air-filled packaging from a compact/uninflated pre-formed roll of bags. The inflated bag chain is perforated between bags and can easily be separated by the operator as needed.

There are three (3) modes of producing air-filled bags:

- *Manual Mode* Press the *Start Key* to begin producing bags and the *Stop Key* to end production - see 5.4 *Producing Air-Filled Bags*.
- Auto Replenish Mode

When a bin sensor or optional accessory is employed, the supply of inflated bags can be continually/ automatically replenished - see 5.5 *Producing Air-Filled Bags in Auto Replenish Mode*.

• Batch Mode

Dispense a programmed length of bags - see 5.6 Producing Air-Filled Bags in Batch Mode.

## 3.2 Sequence of Operation

- 1. The operator presses the start key and the drive motor is activated, drawing the material from the material roll and over the fixed material bar.
- 2. The material is drawn over the inflation nozzle where the two webs are separated and filled with air.
- 3. The material is drawn through the edge seal where a heat seal traps the air inside the bag.
- 4. The air-filled bags exit the system.

## **3.2** Sequence of Operation (cont.)





## 3.3 Electrical Power Requirements



Warning! Failure to properly ground the system could create an electrical shock hazard.

**Warning!** Use of an extension cord will increase the levels of static, resulting in operational problems as well as operator discomfort due to static discharge.

Fill-Air <i>Rocket</i> ™ Inflatable Packaging System	Receptacle Type	A/C Voltage	Phase	Current
115 VAC Version	NEMA 5-15R	100 - 120 VAC 50/60 Hz	Single Phase Grounded	15 Amp Service (2.2 avg.)
230 VAC Version	CEE 7/7	220 - 240 VAC 50/60 Hz	Single Phase Grounded	13 Amp Service (1.1 amps avg.)

Electrical Power Requirements Table 3-2

### 3.4 Material

- **Note:** The use of non-Sealed Air<sup>®</sup> materials will cause production problems, may damage the equipment, and will reduce the quality of the packaging protection.
- For available US Material types see 8.5 *Film* US.
- For available EU Material types see 8.6 *Film EU*.

#### Material storage temperature range is 32°-110°F / 0°-43°C

Material rolls can be stored in this temperature range, but must be brought to within the operating temperature range before being used. Materials stored at temperatures outside the specified storage temperature range can be damaged and rendered unusable.

### Material operating temperature range is 60°-110°F / 16°-43°C

For best sealing results, material rolls should be used in this temperature range.



### 3.5 System Components

#### 1. **ON/OFF** Power Switch

This circuit breaker switch located on the back of the system, controls power to the system.

#### 2. Emergency Stop Switch (E-Stop)

This emergency stop switch stops all feeding, inflating, and sealing functions.

#### 3. Main Power Cord

Plug this cord into a properly rated receptacle - see 3.3 Electrical Power Requirements.

#### 4. Control Panel

This panel with LCD display and keys is used to operate, program, and diagnose the system - see *5.3 Control Panel*.

#### 5. **Power Cabinet**

This cabinet houses the system's mechanical and electrical components.



**Warning! Do Not Open** - This cabinet should not be opened except by *qualified service personnel* or a Sealed Air<sup>®</sup> representative.

### 6. Material Mandrel

This mount provides an unwind position for the material roll.

### 7. Inflation Nozzle

The open side of the material is pulled around this nozzle to inflate the bag.

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#### System Components (cont.) 3.5





## 3.5 System Components (cont.)

#### 8. Edge Seal

This replaceable component wheel creates an edge seal to seal air in the bag - see 6.2 Replacing the Edge Seal.



Warning! Hot roller.

Warning! Risk of entrapment.

#### 9. Material Roll

This roll contains preformed bags with a perforation line between, which are then filled with air and sealed.

#### 10. Bin Sensor

This sensor, when active, will monitor the bag supply in a bin located below it - see 5.2 System *Controls*.

#### 11. Accessories Port

This connection is for optional accessories - see 5.2 System Controls.

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#### System Components (cont.) 3.5





## 3.5 System Components (cont.)

#### 12. Stand (Optional Accessory)

This stand provides for an on-line, overhead, or large bin dispense position.

### **13. Integrated Bag Bin (Optional Accessory)** This bin holds the supply of inflated bags.

14. User's Guide

## 3.5 System Components (cont.)



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## 4.0 Set-up

## 4.1 System Set-up

Be sure to review your packaging application needs with your distributor or Sealed Air<sup>®</sup> representative to determine the most effective Fill-Air *Rocket*<sup>TM</sup> Inflatable Packaging System solution.

**1.** Unpack the system.

Warning! The system weighs 25 lb / 11.3kg - (not including the optional stand.)

- 2. The Fill-Air *Rocket*<sup>TM</sup> System optional accessories includes:
  - Chute Dispensing Arm see *Figure 4-4*.
  - See your Sealed Air<sup>®</sup> representative for additional accessories
- **3.** The installation area should have a sufficient amount of clear, dry, and level space for your packaging application operation and service of the system.
  - Tabletop version 18.0" (max.) x 17.5" x 17.75" / .46m x .44m x .45m (L x W x H) see Figure 4-1.
  - Stand version 32.0" x 42.25" x 60.0" / .81m x 1.07m x 1.52m (L x W x H) see *Figure 4-2*.
- 4. Verify that the required electrical power receptacle is installed at the desired machine location see *3.3 Electrical Power Requirements*.



**Note:** Power cord length is 10' / 3m.

Warning! The system must be properly grounded.



Warning! Do not use an extension cord - plug power cord directly into a properly grounded outlet.

5. Load the material roll - see 5.1 Loading the Material Roll.

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## 4.1 System Set-up (cont.)



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4.0 Set-up



## 4.1 System Set-up (cont.)



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## 4.2 Applications





4.0 Set-up



Typical Application - On-Line Inflation with Optional Stand with Integrated Bin Figure 4-4

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#### 5.0 Operation



## 5.0 Operation

5.1 Loading the Material Roll

# 1. Load the material roll onto the material mandrel.

- Hold the new material roll so that the center-fold open end is facing towards the control panel.
- Slide the roll fully onto the mandrel.

### 2. Feed the material into the system.

- Lower the red handle clamp to open the edge seal.
- By hand, thread the material:
  - Under the material bar.
  - Spread the material layers open and wrap around the inflation nozzle.
  - Between the two wheels on the edge seal assembly.



#### Loading the Material Roll - Steps 1 and 2 Figure 5-1

## 5.1 Loading the Material Roll (cont.)

#### **3.** Close the clamp.

- While maintaining tension on the material, raise the red handle clamp to close the edge seal.
- Proceed to 5.4 Producing Air-Filled Bags



#### Loading the Material Roll - Step 3 Figure 5-2



### 5.2 System Controls

#### 1. **ON/OFF** Power Switch

This circuit breaker switch, located on the back, controls power to the system.

#### 2. Emergency Stop Button (E-Stop)

This red button when pushed, disables feeding, inflating, and sealing functions.

 $\triangle$  Note: To reset the E-Stop, twist and release it.

#### **3.** Control Panel

This panel with *LCD Display* and keys is used to operate, program, and diagnose the system - see 5.3 *Control Panel*.

#### 4. Bin Sensor

This ultrasonic sensor, located inside the power cabinet, when activated in the *Auto Replenish Mode* detects the amount of inflated bags in the bin. When the bag supply is low, the system automatically resumes to create more air-filled bags.

#### 5. Service Port

For use by *qualified service personnel* or a Sealed Air<sup>®</sup> representative.

#### 6. Accessory Port

This connection is for optional accessories.

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#### System Controls (cont.) 5.2





## 5.3 Control Panel

- **1. Power ON LED** This green light indicates that the system is ON.
- 2. LCD Display This information display is used to operate, program, and diagnose the system.
- **3.** Up/Down Keys When air-filled bags are being produced, these buttons allow the operator to adjust the air-fill amount. They are also used in *Batch Mode* to set the batch length.
- 4. Start Key This green key when pushed, starts air-filled bag production.
- 5. **Start LED** This green light indicates that inflated bag production is selected.

**Note:** In *Auto Replenish Mode* when the bin is full and production is paused, this light will blink.

- 6. Stop / Reset Key This red key when pushed, stops air-filled bag production or resets the system once a fault is cleared.
- 7. **Fault Warning LED** This amber light indicates a system fault that requires attention.
- 8. Hot Key 1
- 9. Hot Key 2

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## 5.3 Control Panel (cont.)





#### **Producing Air-Filled Bags** 5.4



Warning! Do not use bags as a flotation device, a toy, or a pillow.



Warning! Hot Roller - When material is inflating and sealing, the edge seal roller is hot. Be aware of the edge seal function and location.



**Warning!** Risk of Entrapment - Keep fingers, loose hair, clothing and jewelry away from the edge seal roller when material is inflating and sealing.

- 1. Press the Start Key to begin air-filled bag production.
  - Once the system is ON and the *Start Key* is pressed, the Fill-Air *Rocket*<sup>TM</sup> system will:
    - Start to produce bags. .
- 2. Adjust the air fill amount, as desired, while bags are being produced.
  - Using the  $(\blacktriangle/\nabla)$  Up/Down Keys adjust the air fill amount only while bags are being produced.
- 3. Press the Stop Key to end inflated bag production.

## 5.4 **Producing Air-Filled Bags (cont.)**





#### **Producing Air-Filled Bags in Auto Replenish Mode** 5.5



Warning! Do not use bags as a flotation device, a toy, or a pillow.



Warning! Hot Roller - When material is inflating and sealing, the edge seal roller is hot. Be aware of the edge seal function and location.



Warning! Risk of Entrapment - Keep fingers, loose hair, clothing and jewelry away from the edge seal roller when material is inflating and sealing.



Note: Auto Replenish Mode must be enabled by your Sealed Air<sup>®</sup> representative.

Note: The built-in sensor or another sensor must be enabled by your Sealed Air® representative.

#### 1. Press the Start Key to begin air-filled bag production.

- Verify that Auto Replenish Mode is selected
- Once the system is ON and the *Start Key* is pressed, the Fill-Air *Rocket*<sup>TM</sup> system will: ٠
  - Start to produce bags.
  - Automatically pause bag production when the bin is full or a pause signal from an accessory is received.
  - Automatically resume bag production when the bin empties or a resume signal from an . accessory is received.
- 2. Adjust the air fill amount, as desired, while bags are being produced.
  - Using the  $(A/\nabla)$  Up/Down Keys adjust the air fill amount only while bags are being produced.

#### 3. Press the Stop Key to end inflated bag production.

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## 5.5 Producing Air-Filled Bags in Auto Replenish Mode (cont.)



The bin sensor automatically pauses bag production when the bin is at the preset "high" level.

**Note:** The bin sensor is adjusted for each packaging application. The fill levels can be varied from full to half full. The bin sensor automatically senses when the bag supply reaches the preset "low" level. The system automatically starts bag production to refill the bin.

#### Producing Air-Filled Bags into a Bin in Auto Replenish Mode Figure 5-6



#### 5.6 **Producing Air-Filled Bags in Batch Mode**



Warning! Do not use bags as a flotation device, a toy, or a pillow.



Warning! Hot Roller - When material is inflating and sealing, the edge seal roller is hot. Be aware of the edge seal function and location.



Warning! Risk of Entrapment - Keep fingers, loose hair, clothing and jewelry away from the edge seal roller when material is inflating and sealing.

Note: *Batch Mode* must be enabled by your Sealed Air<sup>®</sup> representative.

**Note:** Batch Length Adjust must be enabled by your Sealed Air<sup>®</sup> representative.

#### 1. Select Batch Mode.

Press the Batch Mode Select Key to enter Batch Mode.

#### 2. Adjust the batch length.

- Using the  $(\blacktriangle/\nabla)$  Up/Down Keys set the batch length in feet.
- 3. Press the *Start Key* to start the batch.

Once the system is ON and the *Start Key* is pressed, the Fill-Air *Rocket*<sup>TM</sup> system will:

- Start to produce bags to fill the batch.
- Automatically stop bag production once the batch is complete. •
- 4. Adjust the air fill amount, as desired, while bags are being produced.
  - Using the  $(\blacktriangle/\nabla)$  Up/Down Keys adjust the air fill amount only while bags are being produced.

#### 5. Press the *Stop Key* to stop the batch.

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## 5.6 Producing Air-Filled Bags in Batch Mode (cont.)





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## 6.0 Maintenance and Repair

### 6.1 **Preventative Maintenance**



**Warning!** Turn the main power switch to the OFF position, unplug the power cord, and follow proper *Lockout/Tagout* procedures when instructed while performing maintenance and repair procedures.



Warning! Use protective eye wear when performing maintenance and repair procedures.

Fill-Air <i>Rocket<sup>®</sup></i> System Maintenance Schedule	Activity	Procedure
Monthly	Clean Inspect	<ul> <li>Blow off all dust and debris from the system. Avoid inhalation of dust and debris.</li> <li>Check for any unusual wear on components.</li> <li>Check for any unusual wear or build-up on the side of the seal assembly.</li> </ul>
Yearly	Contact	<ul> <li>Schedule an on-site inspection:</li> <li>Call your Sealed Air<sup>®</sup> representative to schedule an inspection of the system.</li> </ul>

#### Preventative Maintenance Schedule Table 6-1



## 6.2 Replacing the Edge Seal



Warning! Use protective eye wear when performing maintenance and repair procedures.

Materials required:

• Edge seal P.N. 1071PAC-07 SEAL ASSY, EDGE SEAL

 $\triangle$  Note: The system must be ON for the following procedure.

- **1.** Lower the clamp handle to open the edge seal.
- 2. Push the release button in while pulling the edge seal wheel and knurled drive roller straight out .25" / 6mm approximately.

 $\wedge$  Note: There is a finger slot in the top of the edge seal assembly to ease removal of the wheel.

- **3.** Pull the edge seal wheel off of the knurled drive roller.
- **4.** Install the new edge seal:
  - Align the three (3) connection pins on the new wheel with the three (3) receptacle holes in the seat.

 $\Delta$  Note: The hole pattern and pins are in a keyed pattern.

- Push the release button in while pushing the wheel fully onto the knurled drive roller.
- 5. With the clamp handle open, Press "//" *Reset Key* and then *Start Key* to calibrate the new edge seal
   3' / 1m of uninflated material will automatically feed out.
- 6. Load material see 5.1 Loading the Material Roll.

## 6.2 Replacing the Edge Seal (cont.)



Replacing the Edge Seal Figure 6-2

7.0 Troubleshooting



## 7.0 Troubleshooting

## 7.1 No Power to the System

PROBLEM	POSSIBLE CAUSE	RECOMMENDED SOLUTION
7.1 There is no power to the system and the control panel Power LED is OFF.	1. System is OFF.	<ul> <li>Turn the main power switch to the ON position.</li> </ul>
	<ol> <li>Main power cord is unplugged at the outlet.</li> </ol>	• Verify the main power cord is plugged into a properly rated outlet - see <i>3.3 Electrical Power Requirements.</i>
	3. Facility power supply is interrupted.	• Verify facility power supply - see 3.3 Electrical Power Requirements.
	4. Electrical component failure.	<ul> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>

## 7.2 Displayed Fault Messages

 $\bigwedge$  Note: If your displayed message is not listed below - contact your Sealed Air<sup>®</sup> representative.

DISPLAYED MESSAGE	POSSIBLE CAUSE	RECOMMENDED SOLUTION
E-Stop Pressed	1. E-Stop switch pressed.	Twist E-Stop to release.
Check Film Path	1. Out of film.	• Load new roll - see <i>5.1 Loading the Material Roll.</i>
	2. Material roll is improperly loaded.	Reload roll as required - see 5.1 Loading the Material Roll.
Bin Full	1. Bin is full.	Remove bags from bin as required.
	2. Dirty bin full sensor.	Clean bin full sensor lens with dry cloth or paper towel.
Check Inflation	1. Material web is off the inflation nozzle.	• Reload roll as required - see 5.1 Loading the Material Roll.
	2. Bags under-filled with air.	<ul> <li>While the system is producing bags, press the Up Key (▲) to increase the air-fill amount - see 5.3 Control Panel.</li> </ul>

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## 7.2 Displayed Fault Messages (cont.)

 $\Delta$  Note: If your displayed message is not listed below - contact your Sealed Air<sup>®</sup> representative.

DISPLAYED MESSAGE	POSSIBLE CAUSE	RECOMMENDED SOLUTION
Clamp Open	1. Edge seal clamp is open.	<ul> <li>Hinge the clamp handle up to close the edge seal and press <i>Reset Key</i>.</li> </ul>
Edge Seal Open	<ol> <li>Edge seal wheel is missing or not fully seated.</li> <li>Edge seal failure.</li> </ol>	<ul> <li>Check condition of edge seal and verify that it is fully seated.</li> <li>Replace as required - see <i>6.2 Replacing the Edge Seal</i>.</li> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>

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PROBLEM	POSSIBLE CAUSE	RECOMMENDED SOLUTION
7.3.1 The material will not advance when the start button is pressed - the control panel	1. Material roll is empty.	• Load a new roll as required - see 5.1 Loading the Material Roll.
Power LED is ON.	2. Material roll is improperly loaded.	Reload roll as required - see 5.1 Loading the Material Roll.
	<ol> <li>The bin full sensor has detected a "full" bin.</li> </ol>	<ul> <li>Remove the inflated bags from the bin <ul> <li>automatic refill will restart.</li> </ul> </li> <li>Note: The bin sensor is adjusted for each</li> </ul>
	Note: The bin may not appear full.	packaging application. The "full" levels can vary from a full bin to a half full bin. Refill will begin once the bin is emptied to the "low" level - see 5.5 Producing Air-Filled Bags in Auto Replenish Mode.
	4. Electrical or mechanical failure.	<ul> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>

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PROBLEM	POSSIBLE CAUSE	RECOMMENDED SOLUTION
7.3.2 The material advances and edge seals are present but the bags do not fill with air.	<ol> <li>The material layers are not properly wrapped around the inflation nozzle.</li> </ol>	• Verify that the open end of the material is facing in towards the inflation nozzle - see 5.1 Loading the Material Roll.
	2. The air-fill level is set too low.	Increase the air-fill amount - see 5.3 Control Panel.
	3. Faulty material roll.	<ul> <li>Load new material - see 5.1 Loading the Material Roll.</li> <li>Return material roll - contact your Sealed Air<sup>®</sup> representative.</li> </ul>
	4. Electrical or mechanical failure.	<ul> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>

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PROBLEM	POSSIBLE CAUSE	RECOMMENDED SOLUTION
7.3.3 The material advances, the bags fill with air, but do not seal or seal fully.	1. Faulty edge seal.	<ul> <li>Check condition of edge seal on the bag.</li> <li>Check condition of edge seal and verify that it is fully seated.</li> <li>Replace as required - see <i>6.2 Replacing the</i> <i>Edge Seal.</i></li> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>
	2. Bags overfilled with air.	<ul> <li>While the system is producing bags, press the <i>Down Key</i> (▼) to reduce the air-fill amount - see <i>5.3 Control Panel</i>.</li> </ul>
	3. Faulty material roll.	<ul> <li>Load new material - see 5.1 Loading the Material Roll.</li> <li>Return material roll - contact your Sealed Air<sup>®</sup> representative.</li> </ul>
	<ol> <li>The incorrect film is selected in the settings.</li> </ol>	<ul> <li>Verify film setting.</li> <li>Change as required.</li> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>
	5. Seal settings out of adjustment.	<ul> <li>Remove, re-install, and calibrate the edge seal - see 6.2 Replacing the Edge Seal.</li> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>

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PROBLEM	POSSIBLE CAUSE	RECOMMENDED SOLUTION
7.3.3 The material advances, the bags fill with air, but do not seal or seal fully (cont.).	6. Seal power out of adjustment.	<ul> <li>Verify film setting.</li> <li>Change as required.</li> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>
	7. Electrical or mechanical failure.	<ul> <li>Remove, re-install, and calibrate the edge seal - see 6.2 Replacing the Edge Seal.</li> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>

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PROBLEM	POSSIBLE CAUSE RECOMMENDED SOLUTION	
7.3.4 The inflated bags leak air.	1. Faulty edge seal.	<ul> <li>Check condition of edge seal on the bag.</li> <li>Check condition of edge seal assembly and that it is fully seated.</li> <li>Replace as required - see <i>6.2 Replacing the Edge Seal.</i></li> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>
	<ol><li>Bags are being used too quickly after being sealed.</li></ol>	<ul> <li>The seals need a few seconds to cool before being used.</li> </ul>
	3. The operator or the overhead system is pulling the bags directly out of the system before the bags can cool for a moment.	<ul> <li>Allow the bin to refill before continuing.</li> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>
	4. Bags overfilled with air.	<ul> <li>While the system is producing bags, press the <i>Down Key</i> (▼) to reduce the air-fill amount - see <i>5.3 Control Panel.</i></li> </ul>
	5. Faulty material roll.	<ul> <li>Load new material - see <i>5.1 Loading the Material Roll.</i></li> <li>Return material roll - contact your Sealed Air<sup>®</sup> representative.</li> </ul>



PROBLEM	POSSIBLE CAUSE	RECOMMENDED SOLUTION
7.3.4 The inflated bags leak air (cont.).	<ol> <li>The incorrect film is selected in the settings.</li> </ol>	<ul> <li>Verify film setting.</li> <li>Change as required.</li> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>
	7. Seal power out of adjustment.	<ul> <li>Remove, re-install, and calibrate the edge seal - see 6.2 Replacing the Edge Seal.</li> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>
	8. Electrical or mechanical failure.	<ul> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>

PROBLEM	POSSIBLE CAUSE	RECOMMENDED SOLUTION
7.3.5 The inflated bags have an inconsistent air-fill amount.	5 The inflated bags have an onsistent air-fill amount.1. Material roll improperly loaded.• Reload material roll - Material Roll.	
	2. Faulty material roll.	<ul> <li>Load new material roll - see <i>5.1 Loading the Material Roll.</i></li> <li>Return material roll - contact your Sealed Air<sup>®</sup> representative.</li> </ul>
	3. Inflation amount set too high.	<ul> <li>While the system is producing bags, press the <i>Down Key</i> (▼) to reduce the air-fill amount - see <i>5.3 Control Panel</i>.</li> </ul>
	4. Incorrect inflation setting.	Contact your Sealed Air <sup>®</sup> representative.
	5. Electrical or mechanical failure.	Contact your Sealed Air® representative.

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PROBLEM	POSSIBLE CAUSE	RECOMMENDED SOLUTION
7.3.6 The system does not stop producing bags when the bin is full - creating a pile-up or a material iam	<ol> <li>Unusual bag stacking in the bin is creating a void in the area where the bin sensor is active.</li> </ol>	<ul> <li>Fill the void and spread the bags out evenly in the bin.</li> </ul>
material jam.	<ol> <li>Auto replenish mode is not selected.</li> </ol>	• Verify auto replenish mode is selected - see 5.5 Producing Air-Filled Bags in Auto Replenish Mode.
	<ol> <li>External bin sensor is not connected, is out of calibration, or has failed.</li> </ol>	<ul> <li>Verify that the connections at the sensor and at the receptacle are fastened and tight.</li> <li>Contact your Sealed Air<sup>®</sup> representative.</li> </ul>
	4. Faulty internal bin sensor.	Contact your Sealed Air <sup>®</sup> representative.
	5. Electrical or mechanical failure.	Contact your Sealed Air <sup>®</sup> representative.

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## 8.0 Customer Service

## 8.1 Who to Contact in the United States

#### **To Our Customers:**

This Fill-Air *Rocket* <sup>TM</sup> Inflatable Packaging System has been manufactured for Sealed Air Corporation and has been thoroughly tested. If any problems occur while operating this equipment and you desire a phone consultation, call the appropriate number below.

#### For Service and Replacement Parts:

- 1. Contact your Sealed Air<sup>®</sup> Account Representative.
- 2. Contact toll free Technical Support
  - 1-800-243-1102 (8:30 AM 5:00 PM, EST, M-F with remote service after 5 PM)
  - See 8.2 Using Technical Support in the United States.

### For Technical Information and Troubleshooting Assistance:

- 1. Contact toll free Technical Support
  - 1-800-243-1102 (8:30 AM 5:00 PM, EST, M-F with remote service after 5 PM)
  - See 8.2 Using Technical Support in the United States.



## 8.2 Using Technical Support in the United States

Before you call please have the following information available:

- 1. Customer information
  - Company name.
  - Company phone number.

### 2. Fill-Air *Rocket*<sup>TM</sup> System information

- System serial number the "FAR \_ \_ \_ " number located on the serial number label on the back of the system.
- System application type a description of your system setup.
- 3. A detailed description of the symptoms that the Fill-Air *Rocket*<sup>TM</sup> System is exhibiting.
  - Any faults the system displays.

## 8.3 Who to Contact in Europe

#### **Sealed Air**

Protective Packaging Lindenhoutseweg 45, 6545 AH Nijmegen, The Netherlands Tel: +31 (0)24 3710111 Fax: +31 (0)24 3710101

#### **Customer Service Locations:**

٠	Czech Republic, Prague	+420 2 20199551
٠	France, Joigny	+33 (0)3 8692 0431
٠	Germany, Alsfeld	+49 (0)6631 96680
٠	Greece, Shimatari Viotias	+30 2620 32551
٠	Hungary, Újhartyán	+36 29 573300
٠	Italy, Bellusco	+39 039 6835446
٠	The Netherlands, Nijmegen	+31 (0)24 3710150
٠	Poland, Ozarów Mazowiecki	+48 (0)22 7217530
٠	South Africa, Spartan	+27 (0)11 9234600
٠	Spain, Abrera	+34 93 7738325
٠	Sweden, Aneby	+46 (0)380 47100
٠	UK, Kettering	+44 (0)1536 315700



## 8.4 Spare Parts

Edge Seal 1071PAC-07 SEAL ASSY, EDGE SEAL

### 8.5 Film - US

#### Fill-Air Extreme<sup>®</sup> Film

Film	SAP#	Bag Size	Roll Length	Rolls per Pallet
FA200NHS-5	100699315	8" x 5" / 200mm x 130mm	4,200' / 1,280m	36
FA200NHS-8	100699531	8" x 8" / 200mm x 200mm	4,200' / 1,280m	36
FA250NHS-5	100699622	10" x 5" / 250mm x 130mm	4,200' / 1,280m	27
FA250NHS-8	100699532	10" x 8" / 250mm x 200mm	4,200' / 1,280m	27
FA300NHS-5	100699558	12" x 5" / 300mm x 130mm	4,200' / 1,280m	27
FA300NHS-8	100699533	12" x 8" / 300mm x 200mm	4,200' / 1,280m	27

### Fill-Air Extreme Efficiency<sup>™</sup> Film

Film	SAP#	Bag Size	Roll Length	Rolls per Pallet
FA200NHE-5	100802290	8" x 5" / 200mm x 130mm	5,900' / 1,798m	36
FA200NHE-8	100802552	8" x 8" / 200mm x 200mm	5,900' / 1,798m	36
FA250NHE-8	100802554	10" x 8" / 250mm x 200mm	5,900' / 1,798m	27
FA300NHE-8	100802556	12" x 8" / 300mm x 200mm	5,900' / 1,798m	27

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### 8.6 Film - EU

#### Fill-Air Extreme<sup>®</sup> Film

Film	SAP#	Bag Size	Roll Length	Rolls per Pallet
FA200NHS-5	100715985	200mm x 130mm	1,280m	48
FA200NHS-8	100715987	200mm x 200mm	1,280m	48
FA250NHS-5	100716032	250mm x 130mm	1,280m	36
FA250NHS-8	100716033	250mm x 200mm	1,280m	36
FA300NHS-5	100715988	300mm x 130mm	1,280m	36
FA300NHS-8	100716031	300mm x 200mm	1,280m	36

## Fill-Air Extreme Efficiency<sup>TM</sup> Film

Film	SAP#	Bag Size	Roll Length	Rolls per Pallet
HDE8-5	100813188	200mm x 130mm	1,799m	48
HDE8-8	100813189	200mm x 200mm	1,799m	48
HDE10-5	100813382	250mm x 130mm	1,799m	36
HDE10-8	100813384	250mm x 200mm	1,799m	36
HDE12-5	100813385	300mm x 130mm	1,799m	36
HDE12-8	100813387	300mm x 200mm	1,799m	36



## Notes

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