

hilmar[®]

Lineset Cleaner

Operation and Maintenance Instructions



Model

HLC007

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INTRODUCTION

The hilmor Lineset Cleaner is a system that easily cleans the inside of a lineset in a few minutes! Just pick a nozzle that fits the lineset, insert a foam pig, connect pressure from a nitrogen tank, and launch a foam pig into the line.

WARNING

It is important to read the entire instruction manual carefully for a complete understanding of the hilmor Lineset Cleaner features, limitations and specifications before use. hilmor products are designed and manufactured to be used by trained and licensed technicians. Incorrect use may result in accidents, injuries or death. Refer to page 5 for safety warnings.

KEY FEATURES



PICTURE-PERFECT CLEANING

- Simply connect the correct nozzle, chamber the corresponding pig size, connect to a regulated compressed Nitrogen source, and pull the trigger for a perfectly clean lineset.



TWICE THE VERSATILITY

- One tool that has the ability to effectively wipe contaminants and remaining oil from linesets ranging from 3/8" to 7/8".



PREMIUM CARE

- The rinseable/reusable foam cleaning pigs are specially formulated and manufactured to flow through normal lineset configurations and most deformations.

SAFETY

SAFETY PRECAUTIONS

1. Wear protective eyewear and gloves when using.
2. Verify nozzles are correct and adequately connected to avoid sudden detachment. Failure to do so could result in injury.
3. Insert no more than one cleaning pig at a time prior to pressurizing the hilmor Lineset Cleaner.
4. Make sure that launcher cover is closed and secure prior to applying pressure to the trigger.

READ AND FOLLOW ALL WARNINGS BEFORE AND DURING USE OF THIS PRODUCT

WARNINGS

1. Keep HLC007 and foam pigs out of reach of children
2. Do not discharge toward face or body.
3. Do not use if HLC007 is damaged or missing components.
4. For professional use only. Do not modify HLC007 or use it for any other purpose than clearing HVAC/R refrigerant lines.

LINESET CLEANER COMPONENTS

| | |
|---|------------------------------|
| 1 | Changeable Nozzles |
| 2 | Pig Chamber |
| 3 | 1/4" SAE Pressure Connection |
| 4 | Trigger |
| 5 | Foam Pig Case |
| 6 | Foam Pigs |
| 7 | Catch Bag |



OPERATING INSTRUCTIONS

1. Use a reamer tool to deburr the inside of both ends of any line(s) being cleaned.
2. Place the catch device at the end of the line(s) where the foam pig will exit.
3. Select the correct nozzle size(s) to fit the line(s) being cleaned.
4. Attach the selected nozzle(s) to the line(s) by placing the clear hose side of the nozzle over the end of the lineset opposite the catch device and tightening thumbscrew clamps hand tight.
5. Select the cleaning pigs to fit the lineset size(s) being cleaned.
6. Attach the trigger assembly to the nozzle.
7. Place an appropriately sized foam pig into the loading chamber.
8. Close the loading chamber by sliding forward and latching.
9. Using a standard 1/4" refrigerant hose, connect the trigger assembly fitting to a nitrogen tank through a regulator set at a maximum of 60 PSIG.
10. Squeeze the trigger and launch the foam pig through the line. Verify the end of the line where the foam pig will exit from is not pointed directly at anyone, as this may result in injury during operation.
11. Repeat load and launch process until pig comes out clean.
12. Move trigger assembly to the next nozzle and repeat process.

IF THE FOAM PIG DOES NOT COME OUT OF THE LINE, IT IS LIKELY THERE IS A MAJOR RESTRICTION IN THE LINE SOMEWHERE. DO NOT LAUNCH A SECOND PIG. MOVE THE NOZZLE AND TRIGGER ASSEMBLY TO THE OPPOSITE END OF THE LINE AND PUSH THE FOAM PIG BACK INTO THE CATCH DEVICE USING PRESSURE FROM THE TRIGGER ASSEMBLY. LOCATE ANY RESTRICTION(S) IN THE LINE USING VISUAL OR OTHER MEANS AND REMOVE IT BEFORE CONTINUING CLEANING PROCESS OR CONNECTING EQUIPMENT.

In order to clean foam pigs, use clean water and dish soap. Ensure you are wearing chemical-safe gloves while cleaning the pigs.

TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------|------------------------------|
| Max PSI | 60 PSI |
| Connector Size for Pressure Inlet | 1/4" SAE male |
| Nozzle sizes | 3/8", 1/2", 5/8", 3/4", 7/8" |
| Weight | 7 lbs |
| Size | 16.54" x 12.4" x 3.23" |

If pigs are lost or need replacement, they are also sold separately:

| P/N | DESCRIPTION |
|--------|---|
| HLPO38 | hilmor Foam Pig, 3/8", 10 pk |
| HLPO12 | hilmor Foam Pig, 1/2", 10 pk |
| HLPO58 | hilmor Foam Pig, 5/8", 10 pk |
| HLPO34 | hilmor Foam Pig, 3/4", 10 pk |
| HLPO78 | hilmor Foam Pig, 7/8", 10 pk |
| HLPO99 | hilmor Foam Pig Set: 3/8", 1/2", 5/8", 3/4", and 7/8", 2 of each size |

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