



Engineering Change Order

Project: Revision to HepaClean Prefilters ECO Number: ECO25-02-2501.2
Initiator: Chuck Dignan Date: 2/25/25

Reason for Change


Due to the current filter media being obsoleted/discontinued by our supplier, we have been forced to re-evaluate our current design. The HepaClean 2500 (HC2500) and HepaClean 3000 (HC3000) Prefilters previously had an integrated wireframe that kept the filter media off the floor of the HepaClean Chamber, creating a plenum for the prefiltered air to flow through on it's way to the system's HEPA filter, while also compressing the top of the prefilter media along the front and rear housing to minimize larger particles bypassing the prefilter. The wireframe, integral to each prefilter, has, over time, resulted in higher costs to Static Clean and our valued customers, as well as longer lead-times and unnecessary waste.

The new HepaClean Prefilter Design incorporates a 'one-time-buy' stainless steel wireframe and disposable prefilter panels that sit atop that frame, achieving the same plenum and seal as before, but with the added benefits of significantly lower cost to our customers, and reduced waste.

IMPORTANT NOTE:

Because we can no longer offer the older Prefilters, and are completely out of stock, this change is effective immediately. There may be a lead-time initially, while we ramp up production of the new Prefilters and Support Frames. We plan to maintain good stock levels of both thereafter, and indefinitely.

Signatures

Name	Role	Signature	Date
Chuck Dignan	VP of Operations		2/25/25

Part Numbers Affected:

For HC2500; Obsolete P/N HCFLTP2 is replaced by New P/N HCFLTP2-10. To use the new Prefilter Panels, you must first purchase one P/N 680-0010 Prefilter Support Frame for each HepaClean 2500/2000 System. The Support Frame can be used indefinitely, purchasing only the Prefilter Panels thereafter. HCFLTP2-10 Prefilters are sold in a 10-Pack.

For HC3000; Obsolete P/N HCFLTP3 is replaced by New P/N HCFLTP3-10. To use the new Prefilter Panels, you must first purchase one P/N 680-0012 Prefilter Support Frame for each HepaClean 3000 System. The Support Frame can be used indefinitely, purchasing only the Prefilter Panels thereafter. HCFLTP3-10 Prefilters are sold in a 10-Pack.



Change-Over Instructions:

SAFETY WARNING: TO AVOID ELECTRIC SHOCK, TURN THE SYSTEM OFF AND UNPLUG FROM POWER BEFORE PERFORMING ANY SERVICE WORK.

1. REMOVE THE PERFORATED FLOOR FROM THE HEPACLEAN CHAMBER TO ACCESS THE OLD PREFILTER, THEN REMOVE THE OLD PREFILTER WITH INTEGRAL WIREFRAME, AS SHOWN BELOW, AND DISCARD.

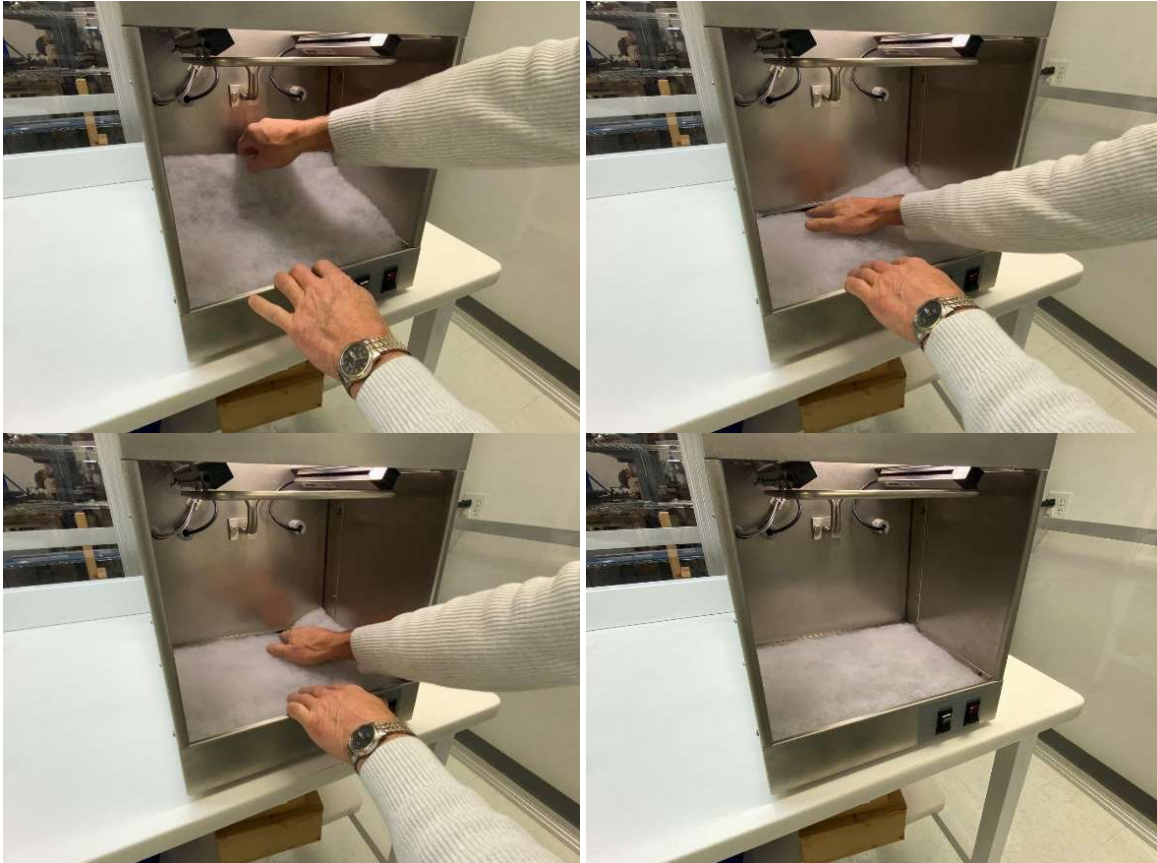


2. PLACE THE NEW PREFILTER SUPPORT WIREFRAME INSIDE THE CHAMBER, WITH THE TEARDROP EYELETTES OVER THE PEM NUT AND STUD AT THE FRONT OF THE CHAMBER FLOOR AS SHOWN BELOW. THIS WILL KEEP THE FRAME IN POSITION WHEN CHANGING THE PREFILTER PANEL.





3. WE RECOMMEND CLEANING THE FLOOR OF THE HEPACLEAN CHAMBER WITH A HEPA VACUUM OR IPA WIPER EVERY TIME YOU CHANGE THE PREFILTER.
4. PLACE THE NEW PREFILTER PANEL INSIDE THE CHAMBER, TUCKING THE FRONT EDGE OF THE PANEL BENEATH THE FRONT LIP THAT SUPPORTS THE PERFORATED FLOOR, THEN TUCK THE BACK EDGE OF THE PANEL BENEATH THE REAR LIP AS SHOWN BELOW.



5. PLACE THE PERFORATED FLOOR INSIDE THE CHAMBER TO SIT ATOP THE FRONT AND REAR LIP AS SHOWN BELOW.

