

ASSEMBLY INSTRUCTIONS

FILTER REPLACEMENT & PM — KIT NO. 854306-17

This kit is used on the SPS600H water filter on Hobart model HSF3, HSF4, HSF5 and HSF90 countertop steamers and on model HCE6H, HCE10H and HCE10F combi ovens.

Part Number	Part Name	Qty
854306-17	Filter Replacement and Preventive Maintenance Kit (complete)	1
854306-5	O-Ring, Large, Black	1
	Filter Cartridge, 10"	1
	Reagent Pack (200 gm)	1
	O-Ring, Small, White	2
	4-IN-1 City Water Check + Test Strip	1
F-34723	Assembly Instructions	1

FILTER REPLACEMENT & PM — KIT NO. 854306-23

This kit is used on the SPS620H water filter on Hobart model HCE20H and HCE20F combi ovens.

Part Number	Part Name	Qty
854306-23	Filter Replacement and Preventive Maintenance Kit (complete)	1
854306-5	O-Ring, Large, Black	1
	Filter Cartridge, 20"	1
	Reagent Pack (200 gm)	1
	O-Ring, Small, White	2
	4-IN-1 City Water Check + Test Strip	1
F-34723	Assembly Instructions	1



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GENERAL

The water filtration system conforms to ANSI/NSF Standard 53 and ANSI/NSF Standard 42 for the specific performance claims as verified and substantiated by test data.

Filter capacity will vary according to flow rate, influent water pressure and local water conditions.

Service life for the filter cartridge for model SPS600H is 7,500 gallons (28,390 liters); for the filter cartridge for model SPS620H, the service life is 15,000 gallons (56,780 liters). Filter cartridge replacement is recommended at least every 6 months. Filter cartridge replacement is also recommended if water pressure goes below 20 psig (138 kPa).

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the filter.

FILTER SYSTEM MAINTENANCE

When the water filter pressure gauge drops to 20 psig or below during system operation, it is necessary to perform the necessary filter system maintenance.

Filter system maintenance, including the use of the reagent pack and replacement of the filter cartridge, must be done at least every six months. **NOTE:** Failure to follow use, care and maintenance instructions may void your Hobart equipment warranty.

REMOVING THE FILTER CARTRIDGE

Turn off the steamer or combi oven. Shut off the incoming water supply valve to the water filter.

Press the red pressure relief button on the filter mounting head to release the water pressure in the filter housing.

Unscrew the lower filter housing using both hands or use the wrench supplied. Use care. The lower housing will be loaded with water and heavy.

Inspect the O-Rings: One O-Ring is a large black rubber gasket that fits in the groove on top of the filter cartridge housing. Two small white O-Rings are located on the top and bottom of the filter cartridge. New O-Rings are supplied with the replacement water filter cartridge (Preventive Maintenance Kit — be sure to mention the model number when ordering).

The large black O-Ring seal may lift out of the groove and stick to the filter mounting head. One of the small white O-Rings may stay in the bottom of the filter housing.

Discard the used filter cartridge.

USING THE REAGENT PACK

Do not use alcohol-based cleaners. Clean the inside of the filter housing with a mild soap. Inspect the O-Rings for damage and replace if necessary.

Wipe the large black O-Ring clean with a rag, press it down into the groove and then apply a very light coating of white petroleum jelly (Vaseline). Make sure the O-Ring fits in the groove and is properly seated each time the filter is reassembled or a water leak could occur.

With the filter removed, pour the contents of the Reagent Pack 7 oz (200 gm) into the bowl of the lower filter housing. Add warm water, stir to dissolve.

Screw the lower filter housing into the filter mounting head until a definite stop is felt. Hand-tight is normally sufficient. Be sure not to overtighten or force the filter housing assembly.

On combi ovens, follow the Clean Cycle Deliming Procedure in the Instructions manual (on older model combi ovens, follow the deliming instructions in the manual shipped with the oven).

On steamers, turn on the filter water supply valve and turn the steamer on. Allow the steamer to operate so steam is flowing through the compartments for approximately 35 minutes. Turn the steamer off.

On steamers and combi ovens, turn off the incoming water supply valve to the filter. Press the red pressure relief button on top of the filter mounting head to release pressure in the system. Unscrew the lower filter housing and dump out the water. Replace the filter cartridge.

REPLACING THE FILTER CARTRIDGE

Make sure all three O-Rings are in their proper place when the new filter cartridge is installed and the lower housing is reassembled to the filter mounting head. Make sure the filter cartridge is oriented so the hole in the middle of the top is up. Make sure the lower O-Ring is properly positioned as the cartridge is lowered. Make sure the upper white O-Ring is over the top hole of the filter cartridge. Make sure the large black O-Ring is properly seated in the groove. Screw the lower filter housing into the filter mounting head until a definite stop is felt and the filter cartridge is sealed. Hand-tight is normally sufficient. Be sure not to over-tighten or force the filter housing assembly.

Make sure the boiler tank has completely drained.

Turn on the incoming water supply valve to the filter. Press the red pressure relief button on top of the filter mounting head until all the air is purged from the filter.

TROUBLESHOOTING

SYMPTOM	POSSIBLE CAUSE	SUGGESTED CORRECTIVE ACTION
Short filter life.	Filter clogs due to excessive particles in water. Low incoming water pressure. Excessively hard water or water quality beyond specification. Filtered water not going to boiler feed line. A leaking Fill Valve on the steamer equipment will deplete the filter quickly.	An additional filter may be needed. Check water source. Additional water treatment may be needed before filter. Check plumbing lines. Contact Service (to replace valve) if water is flowing through the filter when the steamer is off.
Steamer not operating.	Incoming water supply valve off. Filter cartridge installed upside-down. Steamer not turned on.	Turn supply valve on. Reinstall filter right side up. Turn steamer on.

SERVICE

To obtain service or adjustments on this water filter or to order parts, contact your local Hobart Service Office.

FILTER CARTRIDGE REPLACEMENT PREVENTIVE MAINTENANCE KIT

Filter Model	Part Number	Height of Filter
SPS600H	854306-17	10"
SPS620H	854306-23	20"