METCLEAN DPF CLEANING MACHINES

FILTER AND WATER CHANGE

Replacing the bag filter, cleaning the stainless steel filters and changing the water and ash, step by step.

- BAG FILTER **EVERY 30 CLEANS**
- STAINLESS FILTERS **EVERY 15 CLEANS**
- WATER AND ASH **EVERY 60 CLEANS**



START HERE

00 BEFORE YOU BEGIN

00 Before you begin
01 Drain the filter housing
02 Remove the lid
03 Replace the filter bag
04 Clean the stainless steel filters
05 Clean out the water and ash
06 Refill the tank
07 Reset the filter counter
08 Troubleshooting and support

SERVICE SCHEDULE

BAG FILTER
30 cleans
Replace the 50 micron bag. Sooner with oil contaminated DPFs.

STAINLESS FILTERS
15 cleans
Clean the 25 micron filters. S, XL and XL Multi+. About 10 minutes.

WATER AND ASH
60 cleans
Drain the tank and clean out the ash. Sooner if oil contaminated.

WHICH FILTERS YOUR MACHINE HAS

MACHINE	FILTRATION
S XL XL MULTI+	Tank suction filter, 50 micron bag filter, then a pressurised second tank with 4 stainless steel 25 micron filters.
E V	Tank suction filter and 50 micron bag filter. No stainless steel filters, so skip section 04.

WHAT YOU NEED

8MM HEX KEY
For the lid bolts.

CONTAINER
To catch the water from the housing.

NEW FILTER BAG
50 micron, one per housing.

CLEAN WATER
To refill the tank.

WATER SUPPLY
High or low pressure, to wash the stainless filters.

PPE
Gloves and safety glasses.

SAFETY AND OIL

Before any filter or water change you **must** disconnect the machine from mains electricity and remove any DPFs attached to it. Waste water goes to a licensed waste fluid company, soot and ash to a licensed waste carrier. The filtration is not designed for oil: running with an oil contaminated bag filter will make the bag burst at the bottom, so replace it sooner after any oil contaminated DPF.

ALL MACHINES

01 DRAIN THE FILTER HOUSING

1. Place a suitable container under the filter housing.
2. Open the stop tap at the bottom of the housing for a steady flow of water.
3. When the flow stops, close the tap.
4. Empty the container and dispose of the water responsibly.

> **TWIN FILTER MACHINES**
> If your machine has two filter housings, drain both before you go any further.



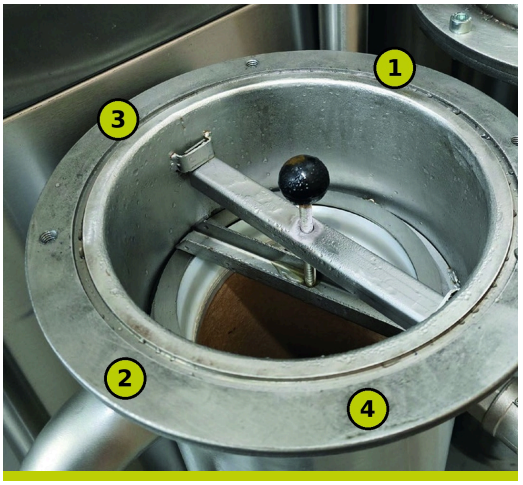
The stop tap at the bottom of the filter housing.

ALL MACHINES

02 REMOVE THE LID

1. Using an **8mm hex key**, undo the ring of bolts around the filter housing.
2. Work in a diagonal pattern, moving to the opposite bolt each time, as numbered in the photo. This keeps the lid even and protects the seal.
3. Once all the bolts are out, lift off the lid and put it somewhere clean.

> **MET TIP**
> Check the lid seal while the lid is off. A damaged seal will leak under pressure, so call us if it is cut or flattened.



Undo the bolts diagonally, in the order shown.

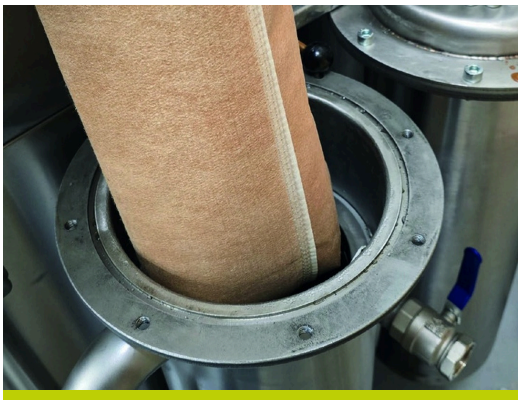
ALL MACHINES | EVERY 30 CLEANS

03 REPLACE THE FILTER BAG

The 50 micron bag filter is replaced, not cleaned. Change it every 30 cleans, and sooner whenever you have cleaned oil contaminated DPFs.

REMOVE THE OLD BAG

1. Undo the **thumb screw** that holds the filter bag in place.
2. Lift the old bag out of the stainless steel canister slowly.
3. Hold it over a container and let it drain.
4. Dispose of the used bag through a licensed waste carrier.



FIT THE NEW BAG AND REFIT THE LID

1. Fit a new **50 micron** filter bag into the canister, making sure it sits correctly in the housing.
2. Refit the thumb screw to hold the bag in place.
3. Refit the lid, taking care not to damage the lid seal.
4. Tighten the bolts in the same diagonal pattern.
5. Twin filter machine? Repeat for the second housing.



WHY THE BAG BURSTS

Oil clogs the bag filter. Running with an oil contaminated bag will make it burst at the bottom and let dirt through to the rest of the system. If you clean an oily DPF, change the bag straight after.

S, XL AND XL MULTI+ | EVERY 15 CLEANS

04 CLEAN THE STAINLESS STEEL FILTERS

The S, XL and XL Multi+ have a second pressurised tank with 4 stainless steel 25 micron filters. These are cleaned, not replaced, and last the life of the machine. It is about a 10 minute job.

1. Drain the housing and remove the lid in the same way as sections 01 and 02.
2. Lift out the 4 stainless steel filters.
3. Wash them through with high or low pressure water until they run clean.
4. Refit them carefully so you do not damage the lid seal, then refit the lid diagonally.



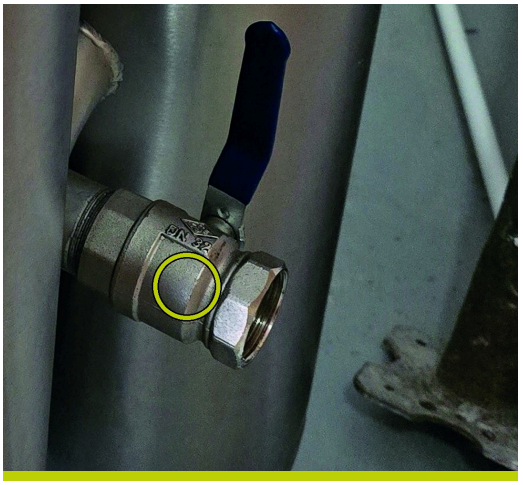
25 micron stainless steel filters.

ALL MACHINES | EVERY 60 CLEANS

05 CLEAN OUT THE WATER AND ASH

Clean the water and ash out of the tank every 60 cleans, or sooner if the water is oil contaminated.

1. Drain the whole tank using the **water outlet** on the filter side of the machine.
2. Clean the ash out of the bottom of the tank.
3. Change the bag filter and clean the stainless filters while the tank is empty.
4. Close the water outlet before you refill.



The water outlet on the filter side.

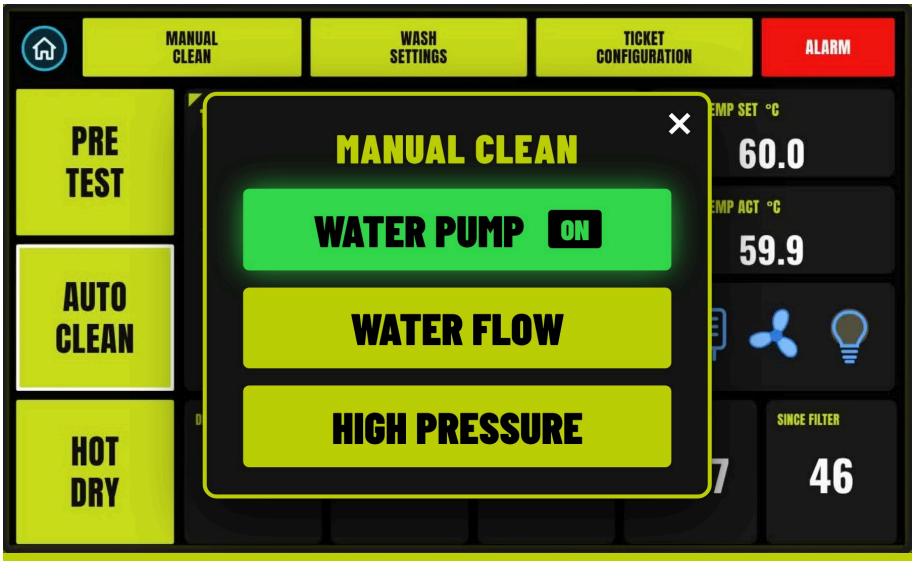
DISPOSAL

Waste water goes to a licensed waste fluid company. Soot and ash go to a licensed waste carrier.

ALL MACHINES

06 REFILL THE TANK

1. Check both valves at the bottom of the filter housings and the water outlet are closed.
2. Fill the tank with clean water.
3. On the control screen press **MANUAL CLEAN**, then **WATER PUMP**. The pump primes the filters and housings.
4. Run the pump until the correct water level is reached, then press **WATER PUMP** again to stop it.
5. Recheck the level and top up if needed.

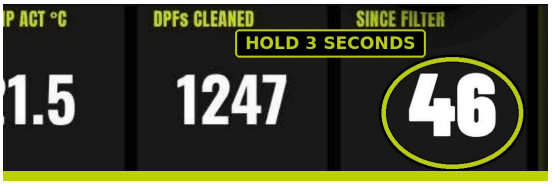


Manual Clean on the S and XL control screen, with the water pump running.

S, XL AND XL MULTI+

07 RESET THE FILTER COUNTER

The **SINCE FILTER** counter on the main screen counts the cleans since the last filter change, so you can see when the next one is due.



1. Hold your finger on **SINCE FILTER** for **3 seconds**. A quick tap does nothing.
2. The counter goes back to **0**.

GOOD TO KNOW

DPFs CLEANED is the machine's lifetime total. It does not reset, and only a METclean engineer can change it.

IF SOMETHING IS NOT RIGHT

08 TROUBLESHOOTING

PROBLEM	LIKELY CAUSE	WHAT TO DO
Bag filter burst at the bottom	Running with an oil contaminated bag.	Replace the bag. Change it sooner after any oil contaminated DPF.
Water turns dirty or oily quickly	Oil contaminated DPFs going through the machine.	Clean out the water and ash sooner than 60 cleans, and change the bag.
Leak from the lid	Bolts not tightened evenly, or a damaged lid seal.	Retighten diagonally. If it still leaks, check the seal and call MET.
Water level drops after refilling	The filters and housings take water as they prime.	Run WATER PUMP again and top up.
SINCE FILTER will not reset	Finger lifted too early.	Hold it for the full 3 seconds.

QUICK CHECKLIST

EVERY 15 CLEANS

Stainless

Wash the 4 stainless filters. S, XL and XL Multi+.

EVERY 30 CLEANS

Bag filter

Replace the bag and reset SINCE FILTER.

EVERY 60 CLEANS

Water + ash

Drain, clean out the ash, refill.

NEED A HAND? TALK TO MET.

Phone
01934 644427, 9am to 6pm weekdays

WhatsApp
07376 075165, until 8pm weekdays, plus weekends

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