METCLEAN DPF CLEANING MACHINES

HOW TO USE THE METCLEAN V

Setting up, connecting a DPF and running a full clean on the METclean V, step by step.

SUPPLY 240V WITH RCBO

AIR 5 TO 8 BAR

WASH TIME 0 TO 30 MIN



Supplied & supported by Mobile Eco Tuning 01934 644427 | info@mobileecotuning.com | metcleanmachines.com/support

START HERE

00 BEFORE YOU BEGIN

00 Before you begin
01 Connect the DPF
02 Strap it in and close the door
03 Air pressure
04 Wash time
05 Water flow
06 Run the clean
07 Dry and emergency stop
08 Service and support

WHAT THE MACHINE NEEDS

POWER
240V supply protected by a twin pole RCBO for your safety.

AIR
A 5 to 8 bar compressed air supply.

WATER
The water tank full before you start.

CLEAN FILTERS
Filters free from heavy contamination.

TRAINING
Only trained operators should run the machine.

BREAKERS
3 circuit breakers inside the E box.

VAN MOUNTED

The METclean V is built into the back of a van, with the controls and filter housing on the side.



KNOW YOUR CONTROLS

CONTROL	WHAT IT DOES
Start button	Starts the clean: prewash, wash, then high pressure impact.
Timer dial	Sets the wash time, from 0 to 30 minutes.
VFD controller	Turns the water pressure up or down.
Pressure gauge and knob	Shows and adjusts the air pressure. At least 5 bar.
DRYING switch	Blows compressed air through the DPF after the clean.
Emergency stop	Ends the process at any point. The light comes on when it is released.

SAFETY FIRST

Read the safety instructions supplied with your machine before use. Wear gloves and safety glasses, keep clear of moving parts, and disconnect the power before any maintenance.

FITTING THE DPF

01 CONNECT THE DPF

1. Inspect the DPF, DOC or CAT to find its flow direction. The machine flushes it in the **opposite** direction.
2. Choose a suitable adapter and fit it to the **OUTLET** of the DPF.
3. Clamp the adapter to the **stainless braided hose** of the machine.
4. Secure any pipes and cables so they cannot move during the clean.

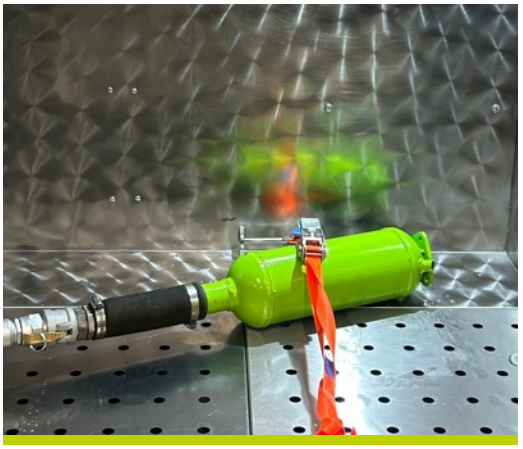


The braided hose inside the cabinet.

FITTING THE DPF

02 STRAP IT IN AND CLOSE THE DOOR

1. Position the DPF facing away from the door.
2. Secure it with the **straps**.
3. Double check that it is secure.
4. Close the door fully using **both hands** and lock it with the **clasp**.



The DPF strapped in place.

AIR SUPPLY

03 CHECK THE AIR PRESSURE

1. Make sure there is a minimum air pressure of **5 bar** on the gauge.
2. Use the **pressure adjustment knob** to turn the pressure up or down.





TIMER

04 SET THE WASH TIME

1. Turn the **timer dial** to set the length of the wash.
2. It can be set from **0 to 30 minutes**.
3. The machine stops by itself when the time runs out.



The wash timer dial.

WATER

05 SET THE WATER FLOW

1. The machine has a **VFD controller** that sets the water pressure.
2. Turn the control dial up or down to increase or decrease the pressure.



The VFD controller.

THE CLEAN

06 RUN THE CLEAN

1. Press the START button.
2. The machine runs **prewash**, **wash**, then **high pressure impact**.
3. The cavitation bursts are set automatically on the METclean V.
4. When the wash time runs out, the machine stops by itself.



The start button.

AFTER THE CLEAN

07 BLOW THE WATER OUT

1. When the clean has finished, turn the **DRYING** switch on.
2. Compressed air pushes the excess water out of the DPF.
3. Turn DRYING off, open the door, release the straps and remove the DPF.



The DRYING switch.

SAFETY

08 EMERGENCY STOP

Press the **EMERGENCY STOP** to end the process at any point.

The lighting switches on automatically when the emergency stop is released.

> **CIRCUIT BREAKERS**
> The machine has 3 circuit breakers inside the E box.





KEEP IT RUNNING

09 SERVICE INTERVALS

BAG FILTER

30 cleans

Replace the 50 micron bag. Sooner with oil contaminated DPFs.

WATER AND ASH

60 cleans

Drain the tank and clean out the ash. Sooner if oil contaminated.

To change the bag (sock) filter, empty the machine water, remove the ring of hex caps and lift out the filter. An oil contaminated bag filter will burst at the bottom. See the **Filter and Water Change** guide and video for the full steps.



The filter housing.

TROUBLESHOOTING

PROBLEM	WHAT TO CHECK
Machine will not start	Power is on, the emergency stop is released and the circuit breakers in the E box are on.
Weak air or poor drying	The gauge shows at least 5 bar and the compressor supplies 5 to 8 bar.
Clean stops early	Check the time set on the timer dial.
Water turns dirty or oily quickly	Oily DPFs going through: change the bag and water sooner.

NEED A HAND? TALK TO MET.

Phone
01934 644427, 9am to 6pm weekdays

WhatsApp
07376 075165, until 8pm weekdays, plus weekends

Videos and manuals
metcleanmachines.com/support

Shop
shop.mobileecotuning.com

MET, Mobile Eco Tuning (Eco Tuning Ltd), Unit 45, Lynx Crescent, Weston-super-Mare, BS24 9DJ. info@mobileecotuning.com. METclean machines carry a 12 month warranty including an engineer to site. Always follow the safety instructions supplied with your machine. MET declines all responsibility for injury or damage resulting from not following these instructions. Version November 2026.