amt postpro®

INSTALLATION GUIDE
POSTPRO SF A4+

March 2023 // V4.0

AGENDA

1. Powering On The Machine
2. Filling The Bubbling And Wetting The Lines
3. Test Pieces For Installation

1. Powering On The Machine

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Uncrate and place the machine as per the instructions in the PostPro SF Unboxing Guide.





1. Powering On The Machine

Level the machine by adjusting the feet and level using a spirit level.





1. Powering On The Machine

Ensure the building power matches the machine power as shown on the machine plate.

Connect the machine to the building power. The machine is supplied with no plug.

A qualified electrician is required to mount a plug or hardwire the machine.



1. Powering On The Machine

Connect an Ethernet cable to the machine.

Do not use a Power Over Ethernet (POE) connection as this can damage the machine.



1. Powering On The Machine

Attach the extraction duct to the outlet spigot on the SF machine and the BOFA extractor using the hose and clips supplied.

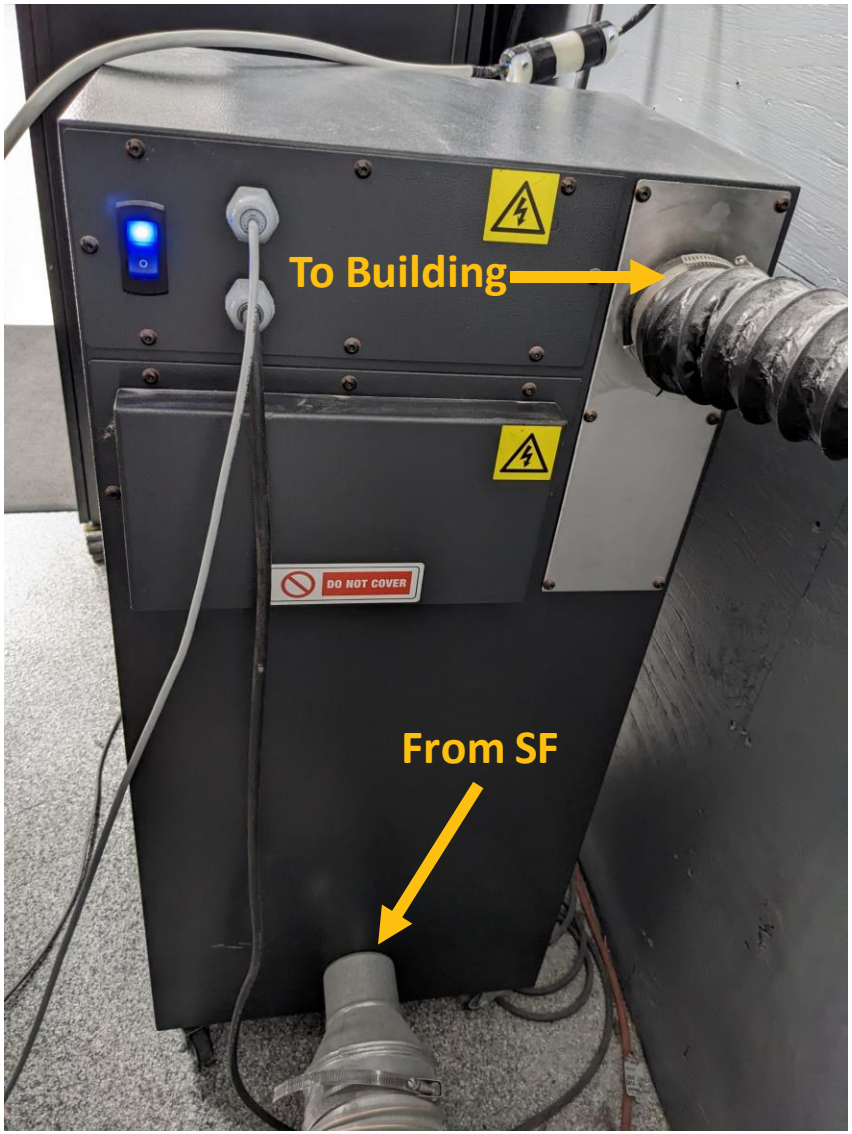
Connect the 24V Start/Stop connection from the BOFA to the ‘Extraction’ connection on the SF.



1. Powering On The Machine

Connect extraction ducting from the outlet of the BOFA extractor to the building extraction system.

This must not be vented back into a working room.



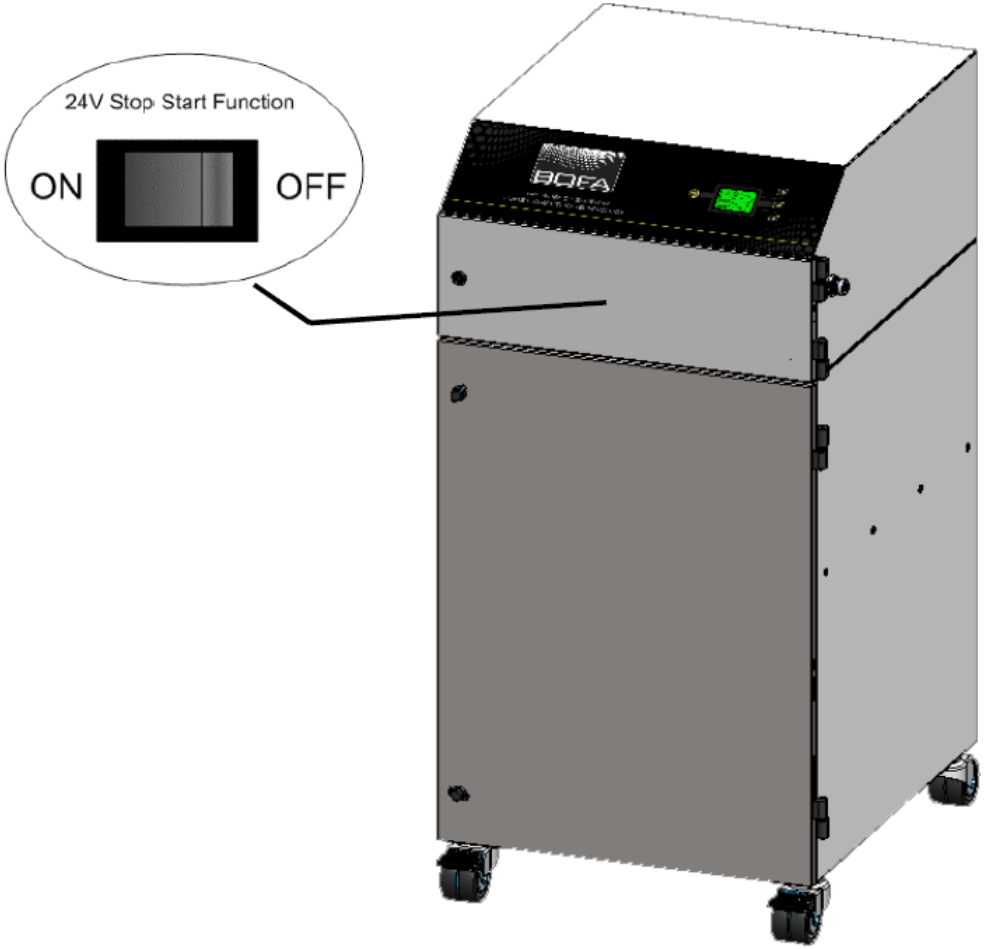


1. Powering On The Machine

Open the doors of the extractor and remove any packaging material.

Ensure the 24V Start/Stop Function Button is in the ‘ON’ position





1. Powering On The Machine

Power on the BOFA extractor.

Press and hold the enter button until the lights begin to flash green.

Use the up/down arrows to set the desired airflow.

Leave the controls for 10 seconds to store the chosen value

Press the enter key to swap between units.



Set Point:
380 m^3/hr
223 CFM

1. Powering On The Machine

Power on the SF using the isolator switch located on the front of the machine.



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2. Filling The Bubbling Tank And Wetting The Lines

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Once the machine has booted release the E-stop button, to begin the canister installation procedure.

Upon releasing the E-Stop the keg storage drawer will open automatically.



2. Filling The Bubbling Tank And Wetting The Lines

Load a full RA canister into the left slot in the keg drawer of the machine.

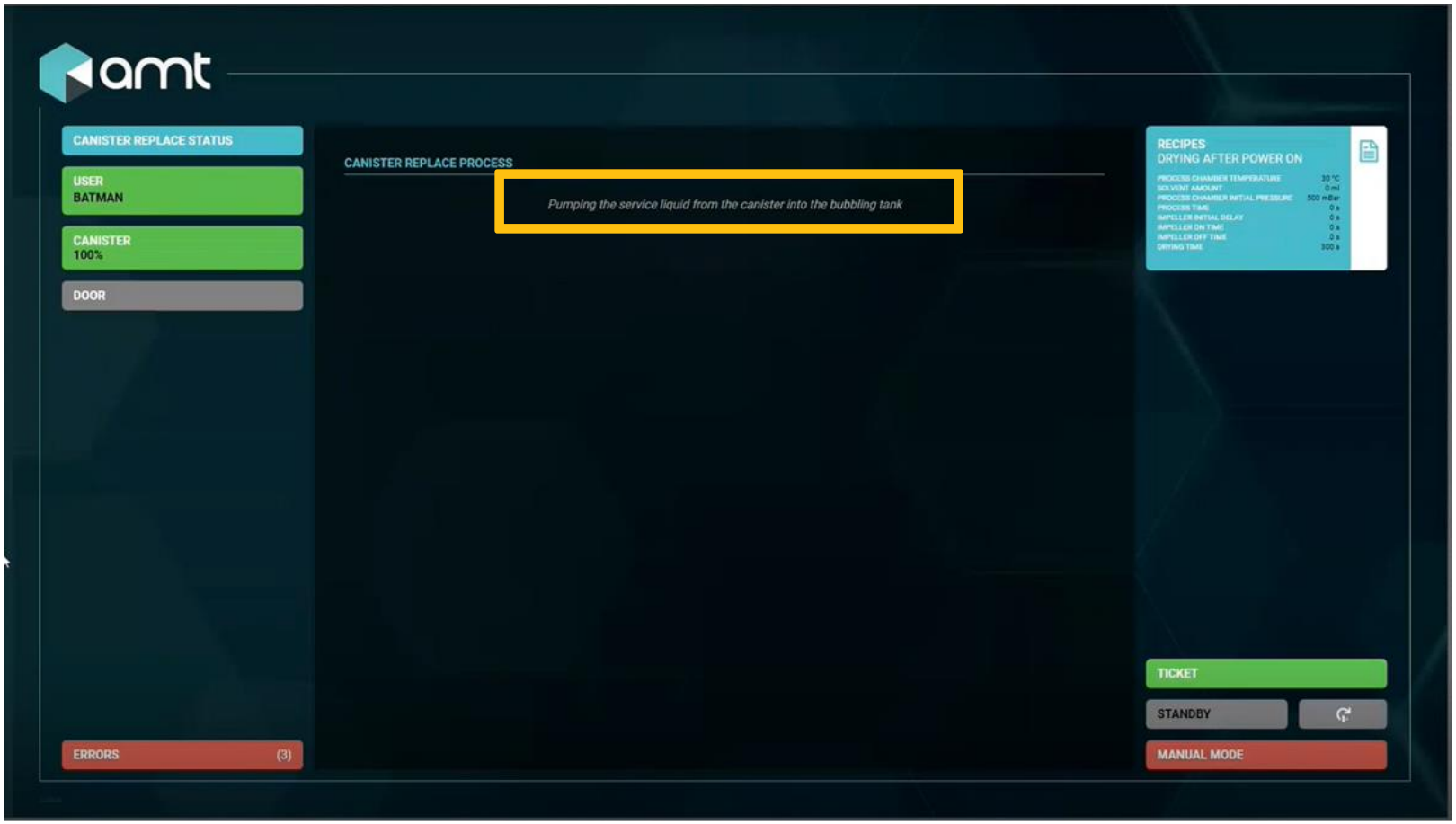




2. Filling The Bubbling Tank And Wetting The Lines

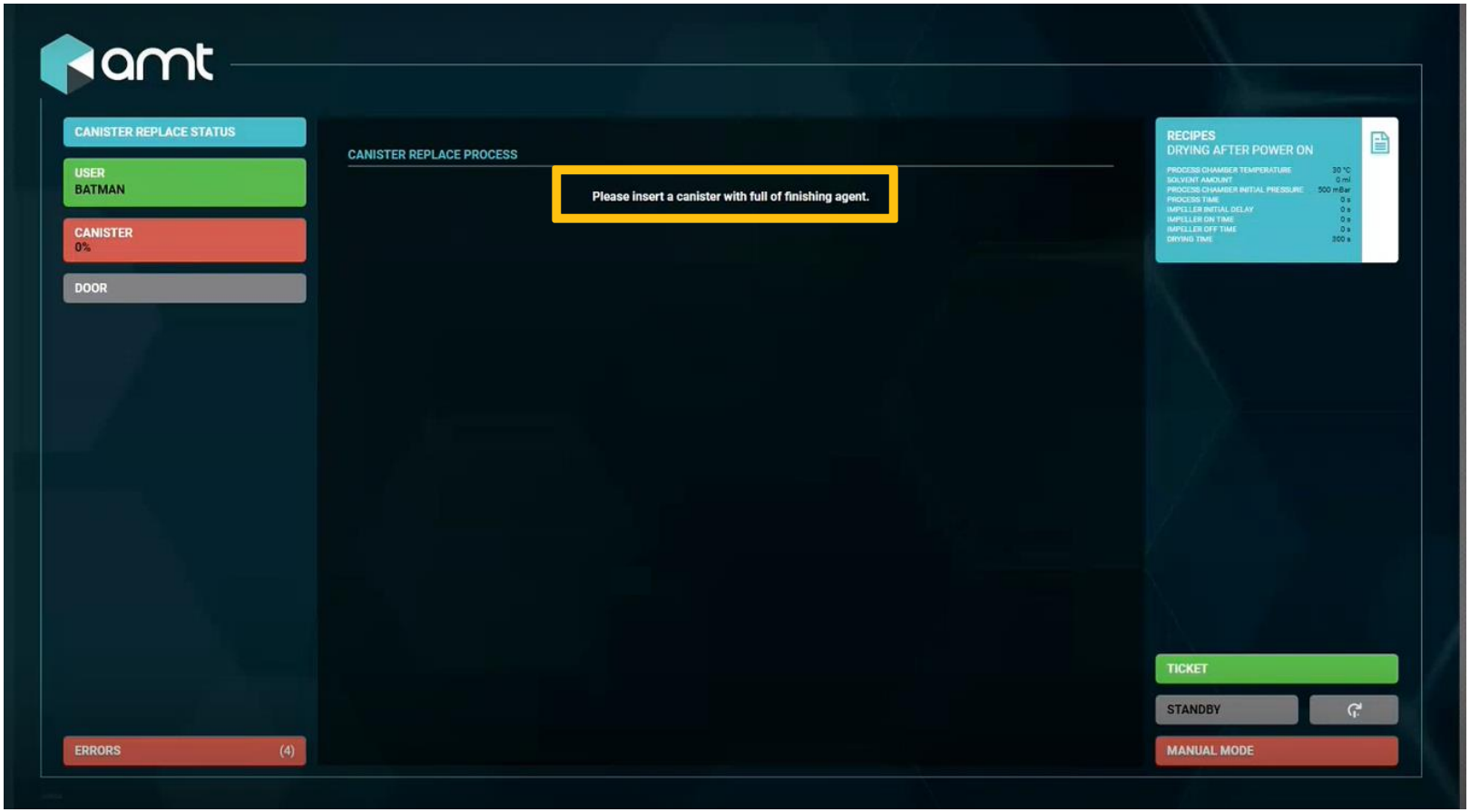
Close the keg drawer. Once closed the machine will begin filling the bubbling tank with the RA fluid.

When the bubbling tank has been filled the keg drawer will open again automatically.



2. Filling The Bubbling Tank And Wetting The Lines

The screen will now prompt the user to insert an FA canister into the machine.



2. Filling The Bubbling Tank And Wetting The Lines

Disconnect and move the empty RA canister to the right slot in the keg drawer.

The RA canister will stay in the right slot of the keg drawer until the machine instructs the operator otherwise.

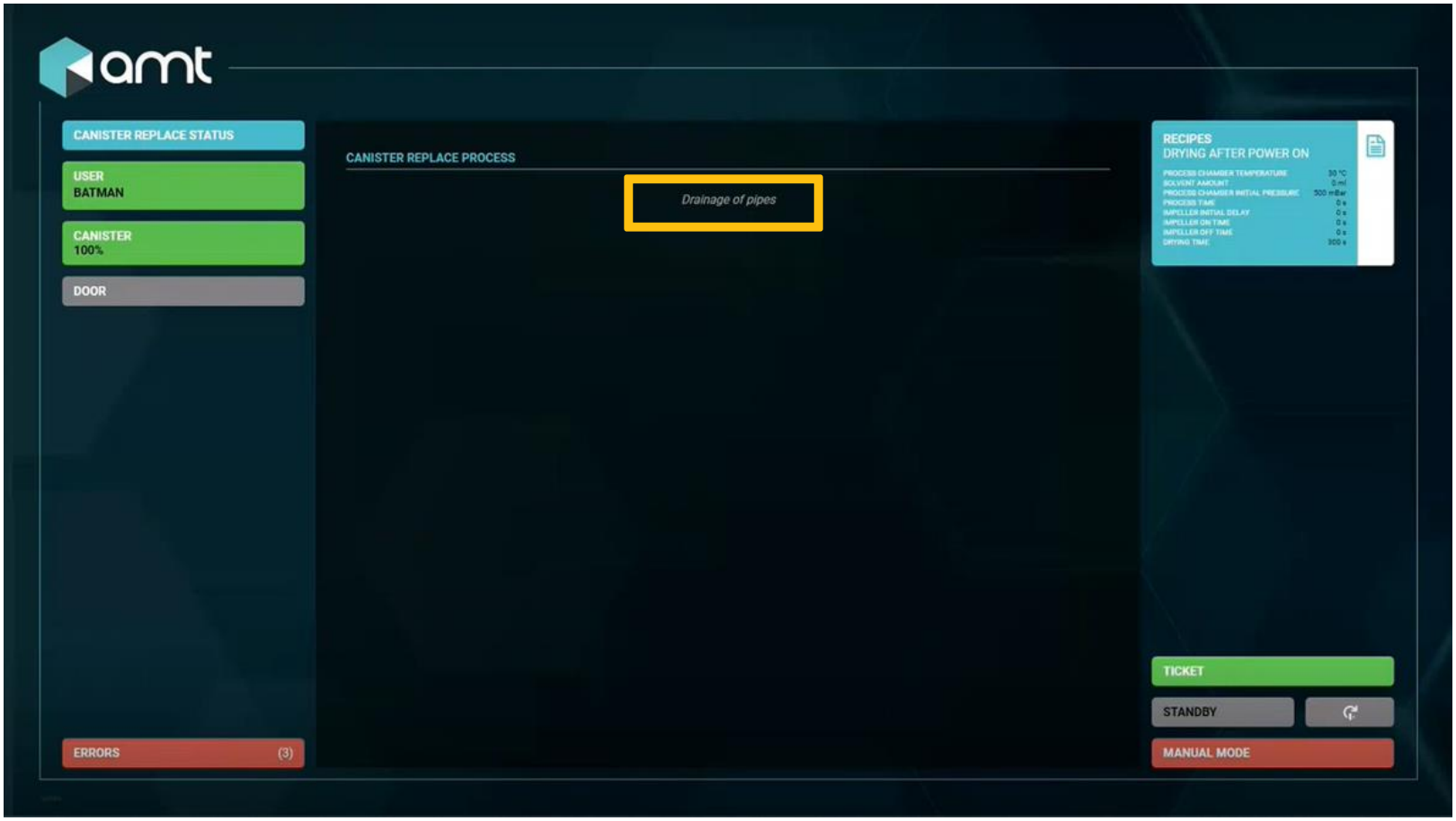
Load a full FA canister into the machine and close the keg drawer.





2. Filling The Bubbling Tank And Wetting The Lines

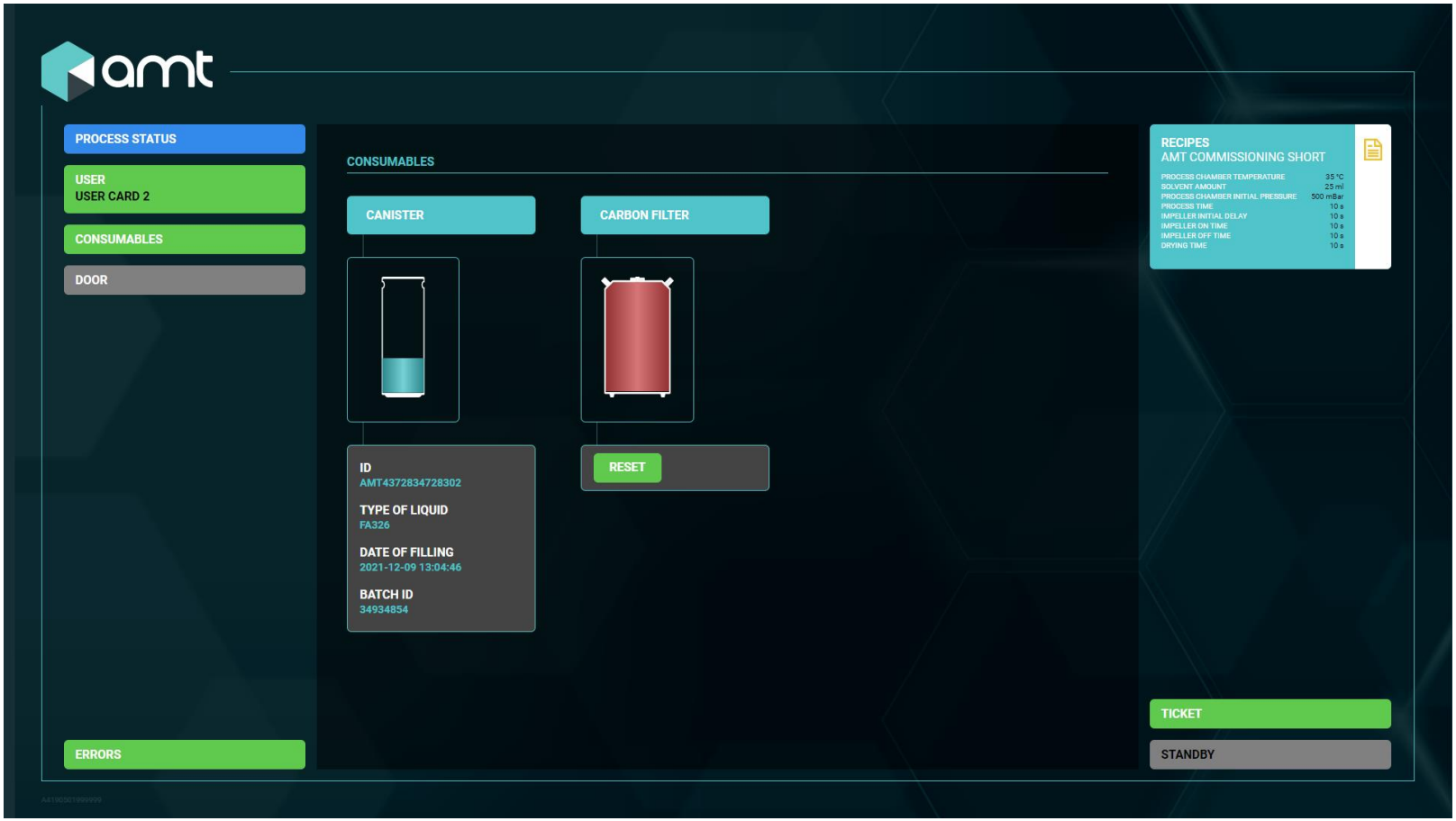
When the keg drawer is closed, **FA will be primed in the system.**



2. Filling The Bubbling Tank And Wetting The Lines

Once the process has completed the HMI will display the canister status screen.

Now the machine is ready to use.



3. Test Pieces For Installation

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The following procedure is the final approval for the machine. Upon successful processing of the parts, the machine is considered to be commissioned and sign-off is required.

Please hang the test pieces in the chamber as shown in the photo.



3. Test Pieces For Installation

The recipe to be used for each SF machine are as follows.

	SF50	SF100
Chamber walls	33°C	38°C
Solvent boiler	100°C	100°C
Impeller	100°C	100°C
Solvent	100ml	150ml
Pressure	250mbar	250mbar
Process time	120s	120s
Impeller initial delay	10s	10s
Impeller on time	60s	60s
Impeller off time	30s	30s
Recovery time	120s	120s
Curing time	600s	600s
Curing air temperature	50°C	50°C
Drying time	3600s	3600s
Drying air temperature	150°C	150°C



THANK YOU!

FOR MORE INFORMATION:
SUPPORT@AMTECHNOLOGIES.COM