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- For which kind of stoves
- Kit supplied by mec
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For which kind of stoves

- XXX
- YYY
- ZZZ

Kit supplied by mec

Mec supplies the following components in the kit:

1. 50Hz/230VAC/1kW Bullet Biomass engine, with multi direction bracket connected. (Any engine orientation is possible)

2. Wired Controls Box with LCD
   All cables are 2 meters long

Kit supplied by mec

Mec supplies the following components in the kit

3. 2pcs Hoses with 4pcs clips to connect to the engine and the coolant circuit. The engine will generate 3kW of heat into the coolant circuit. (create some new hoses with better shapes!)

4. Coolant Flow rate sensor. Has to be built into the coolant inlet hose/pipe. Recommended flow rate >9L/min.

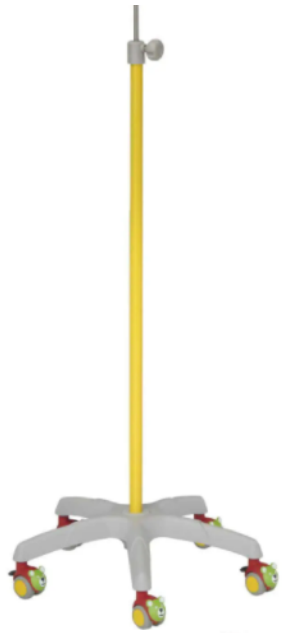
Kit supplied by mec

Mec supplies the following components in the kit

5. Adjustable telescope pole on wheels with bolts to connect to multi direction bracket

This is the support for the engine. The wheels are needed as when the stove door is opened, the support has to go with the engine

The engine centre height is adjustable between xx and yy cm



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Kit supplied by mec

Mec supplies the following components in the kit

6. A rope seal, to seal between the engine burner plate and the door. The seal can be glued with xxx to the burner plate

[insert picture of the seal]
[insert picture of seal on burner plate]

7. Glue to fix the rope seal to the burner plate
[insert picture of glue]

What to do yourself?

The following is the order of things to do;

1. Make a hole in the door of the stove:
   a. diameter 190mm to stick heat acceptor and ceramic collars through thus hole in the door.
   b. If a is not possible, make a hole of diameter 155mm to only stick the metal heat acceptor through this hole
2. Buy ceramic plates/blocks of the following type xxxx and place them inside the stove, as close as possible around the engine heat acceptor
3. Glue the rope seal to the engine burner plate at the most convenient position

What to do yourself?

following is an example position for the rope seal:
[insert picture of rope seal]

4. Place the engine with connected multi direction bracket onto the telescope pole on wheels, and fix with bolts
5. Stick the engine heat acceptor through the hole in the door
6. Fix the engine in position – Niklas how did you do that?
7. Connect the coolant hoses to the engine
8. Mount the flow rate sensor into the inlet hose/pipes
9. Connect the coolant hoses to the house hoses/pipes
10. Connect all cables of the controls box to the engine and the inlet/outlet pipes according to instruction xxxx

What to do yourself?

11. The ambient sensor can be placed “somewhere” in ambient, not affected by heat of engine or stove
12. Coolant circulation pump must be in the system, make sure 9L/min or more flow rate through the engine when you want the engine to operate
13. Now the system is ready to start!

(14. turn the Demand Switch to “ON”
15. Ignite the stove
16. Engine will start when head temp is 200 C
17. Engine will only start if head temp is below 160 degrees C)

Examples of one Project

Following are some pictures of one of the installations

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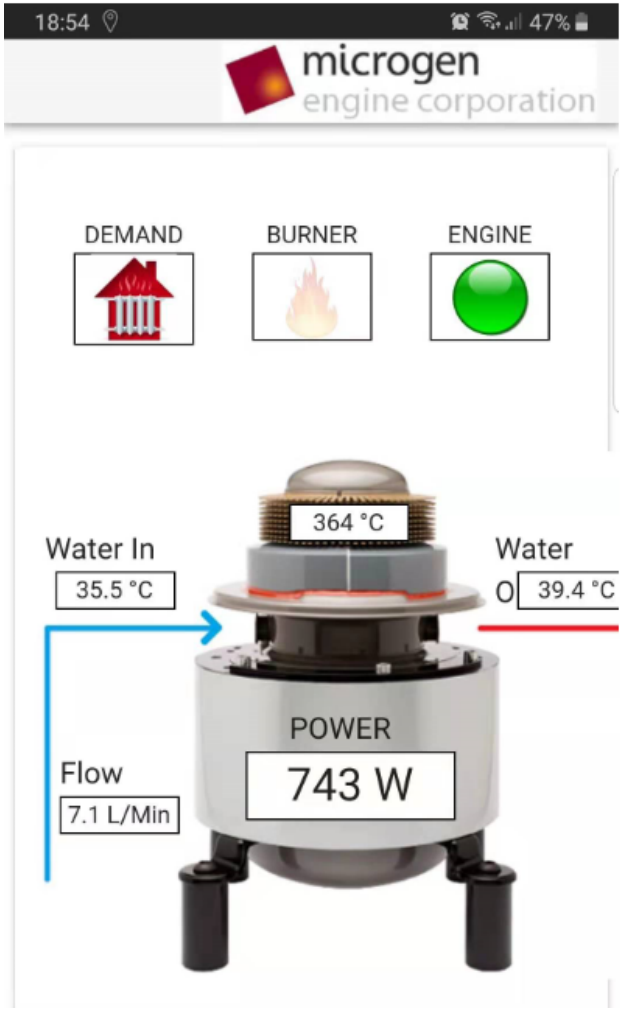

Examples of one Project

Following are some pictures of one of the installations