

General Information

ELECTRICITY



You shouldn't need to touch the electricity or gas controls as everything should be on and ready for you. The main thing is to keep an eye on the solar power system. If there's no electricity go to the utility shed containing the generator and washing machine. On your right there is a fuse box. To turn on, push all switches upwards.

To the left and down is the main solar display unit. Look for the SOC display. SOC = state of charge. The display view cycles so wait until you see this view SOC. This should be a minimum of 50% (5 bars) for there to be enough power to run the house electricity. In the summer months it is unlikely that the power will drop below 50% unless you use gallons of water leave all the lights on and like hairdryers.



If the SOC is low the generator will automatically run. It is a petrol generator and should not need filling unless you use it a lot. If you need more fuel the closest petrol station is in Colos (*pronounced Colosh*) just turn right onto the road and you will see the petrol station on your right, outside quite a nice place to eat on the corner.

Generator

The backup generator is controlled by the MOSA unit on the wall. Hopefully it is self-explanatory. It should be on Automatic (AUT). But if power goes off check the panel and the error message. Usually out of fuel (Unleaded Petrol 95- *Gasolina sem chumbo 95*) The only time you need to touch

the generator itself is to refill the fuel as the control panel is the control panel. Green Jerry cans are provided for fuel. Ring Louise if you are uncertain or need help.

To start the generator manually press the manual button (MAN) then press start and to stop: stop. Stop the genny when SOC is higher than 8 bars.



KEY FUNCTIONS

- RESET : it puts in block the unit and cancels an alarm message
- AUT : it puts the unit in Automatic mode
- MAN : it puts the unit in Manual mode
- TEST À : it enables the disables the Automatic Test
- START : it starts the generator in Manual mode
- STOP : it stops the generator in Manual mode
- GEN : it closes the generator contactor in Manual mode
- MAINS : it closes the mains contactor in Manual mode
- MEAS : it changes the measures on the display



The solar power is controlled by the Inverter. Big black box on right. Both lights should be green when at optimal Left light shows the status of the stored power in the batteries: Full (green), OK (yellow), Low (red). If low run the generator.

The Status Lights:

Inverter (Green - supply to house is coming from batteries).
 AC In (Yellow - generator is supplying power to house and charging batteries)
 Error (Red – means there is a system fault if this is on you need to reset the inverter this is done by the switch under the TRACE box to the left of the inverter. Just switch it off then back on. When the Generator starts it takes a short while <1m to get to optimal during this time the Inverter resets and the red lights may come on for a short while. This is nothing to worry about.



When the generator is on you can see what is happening on the wall display.
 FX Totals - the total voltage of the batteries
 Charging - the amount the generator is putting into the batteries
 AC Loads - what the generator is feeding th the house
 Buying is – total amount of supply the system is taking from the generator

Water

The water at the mill comes from a 120 metre deep bore hole through limestone. All the water is filtered. My family has drunk the water freely for 10 years with never any illness, however we've installed triple filtering via the small tap on the kitchen sink for those cautious about what they drink. With the triple filtered supply if you haven't used it run off a litre or so as water that stands in the filters for a long period may smell a bit eggy. This is nothing to worry about but it could be off-putting. Bottled water is cheap if you want to avoid the natural stuff.



The water pump is in the generator shed. The green light will be on if the pump is bringing water up from the borehole. It takes about 20 minutes for the pump to fill the supply tank for the house.

If you are experiencing any power issues at the house this is the first thing to check as the water pump is the biggest consumer of energy.

If the light is on constantly a tap somewhere may have been left on or the irrigation system may have failed. First step is to turn it off and check hosepipes, taps and the irrigation system (ground will be wet at the base of the plants)

To switch off use the switch on the left of little green triangle. Up is on.

More Water Stuff

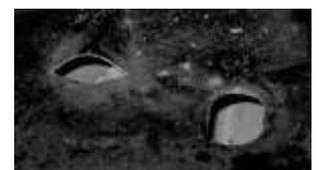
The kitchen sink water waters the garden (as does the shower, bath and sink in the bathroom) so please do not put food waste or oil/fat down the plug hole as it will stink and will invite nasties. We use the old large food tins to the left of the cooker for old oil. We put kitchen paper in them to absorb it then throw the contents out with the rubbish, saving the tins.

WATER HEATER

The water heater is gas and will start automatically when you turn on the hot water.

GAS COOKER

A lighter is kept in the draw of the little unit to the right of the cooker. To light the oven open the oven turn on the gas and push the knob in. To light the gas the



lighter needs to be used on the left hole in the shelf plate at the bottom of the oven then turn on the gas and push and hold the knob in. It'll light pretty quickly with a small 'whump' after a few seconds release the knob and check through the right hand hole in the shelf plate to see if the flame is lit. If not repeat and hold in the knob a little longer.

GAS

Gas is supplied by gas bottles outside the front of the mill. If the gas runs out connect the second bottle (bayonet fitting like a UK light bulb) and turn on (twist knob down) and switch the supply to the second bottle with the switch at the top. If you cange bottles call or text Louise and she'll sort out a replacement backup bottle.



SHOWER

As the shower uses a lot of water it is best to shower in the afternoon or when there's strong sunlight as the water pump from the bore hole consumes a lot of electricity. Best to check the electricity SOC before having a shower if it is 70% + (7 bars) then you should be fine. If nearer 20% then I would run the generator as a precautionary measure just in case the bore hole pump needs to run.

Fairy Lights



Outside there are fairy lights. The switch is on the wall by the utility room door. There are 2 sets of lights, the other set has a little switch higher up. The switch nearest the wall is for the outside lights by the entrance.

Internet Access

It's wireless and open. If you search for a network it'll be the only one (mill), just connect no code is needed. The connection may break then reconnect if the generator is switched on or off. The solar system won't complain at a laptop even if it is left on 24/7.

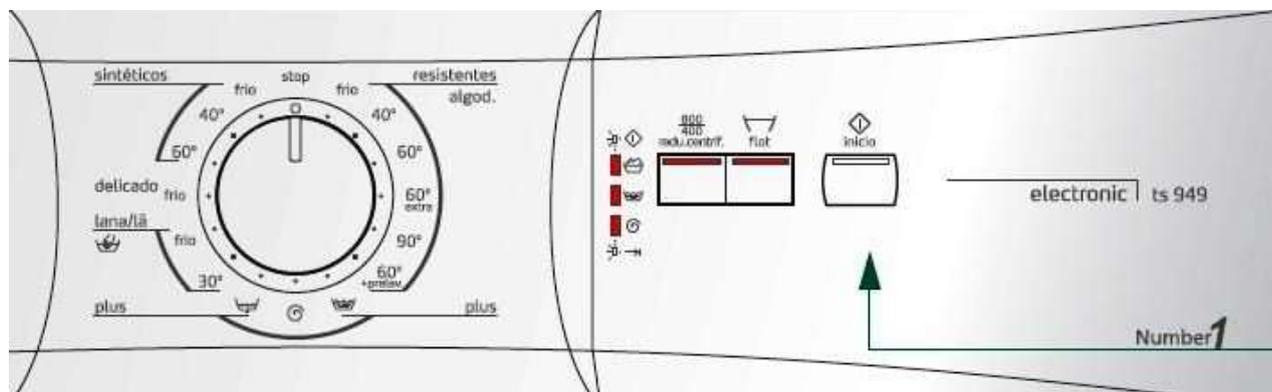
Corks and Windows!

In the mill we found that corks are the best item to use to prop open windows. It's a simple matter of trapping the cork under the window... See photos.



Washing Machine

The washing machine is straight forward. Select the wash number you want on the dial and press the on/off button on the right (Inico). The only thing you need to do is to return the dial to the 12 O'clock Stop position when you finish as this turns the washer off. The two buttons left of the on/off button are ½ speed spin and Flot – Rinse Hold.



Program	Program	Temperature ° C	Max Weight Kg	Power used kWh	Water used Litres	Time needed minutes
resistentes/algod.	resistant / cotton.	(frío) cold	5	0.31	45	100
"	resistant / cotton.	40	5	0.55	54	100
"	resistant / cotton.	60	5	0.80	54	115
" Extra	resistant / cotton. Extra	60	5	0.85	41	175
"	resistant / cotton.	90	5	1.90	61	110
" prelav	" prewash	60	5	1.90	61	110
sintéticos	synthetics	40	2.5	0.45	50	75
delicado frío	delicates	(frío) cold	2	0.30	55	50
lana/lã	wool	30	2	0.20	35	55
plus (aclarado)	enjuague adicional con centrifugado					
(centrifugado)	ropa lavada a mano					
plus (desaguar)	el agua de aclarado					

plus (rinse) additional rinse with spin
 (spin) manual wash/rinse control
 plus (drain) rinse and drain

If you lose your keys or lock them in the mill please call me as I've a set hidden in the grounds for such emergencies. But as there are 2 sets there I suggest you keep one locked in your car during your stay so you avoid being locked out.

Printer, phone charger cables and Luggage Scales

There's a USB printer on the bookcase in the lounge for those who need to print out a boarding pass! It's USB only so you'll need a laptop of some sort to print.

Luggage scales are in the right hand drawer in the kitchen. Please return them to the drawer when you've finished.

If you spot anything else you think it might help having instructions for please send me an email with your comments.

With best wishes and we hope you have a wonderful stay.

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