AQUA LOW FOG

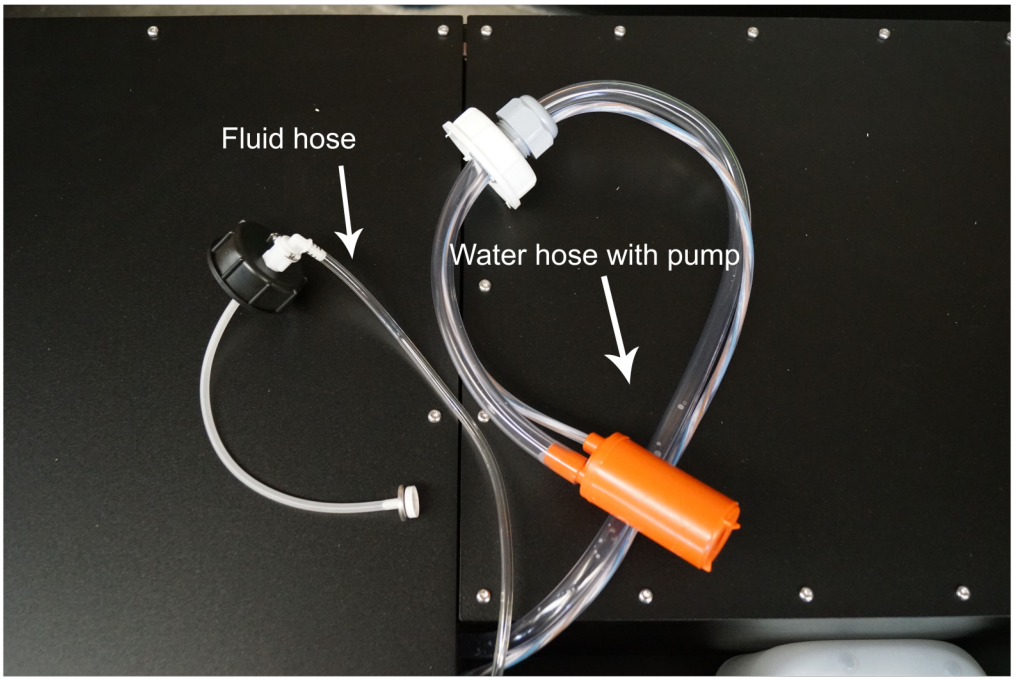
VARIO 6 & 8

USER MANUAL



The following is to keep in mind before putting the machine into operation and carry out:

- The machine must be in balance
- Fill the supplied water canister with DISTILLED water, put into the provided recess of the machine and insert the hose with the pump into the canister
- Put the fog fluid canister also in the provided recess and insert the fluid hose into the canister

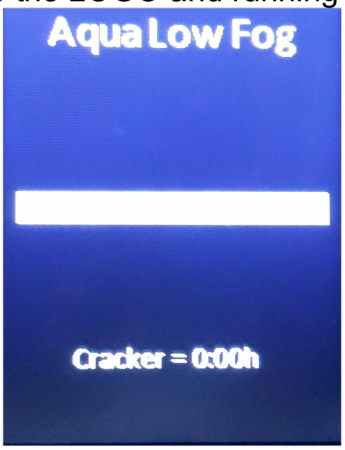


Then you can connect the mains to the machine using a true-1 cable (VARIO 2 – 6) or CEE16 (VARIO 8) and switch on with the red power switch for operation.





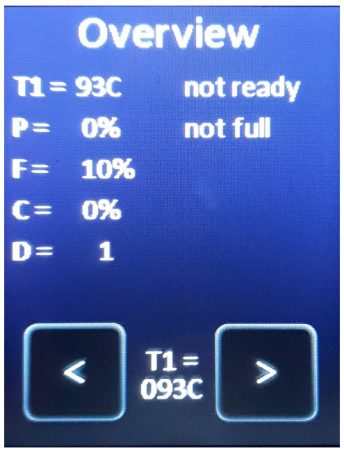
1. When switching on the machine the LOGO and running time of the crackers appears.



1.1 Tipping the screen you can skip to the next menu screen

2. If the cracker running time reaches 2500 hours a warning will appear

3. Overview screen with current value of:



T1 = Temperature HEM
P = Pump (fog)
F = Fan
C = Cracker
D = DMX-Adresse
ready = temperature > 235°C and filling level full
full = filling level okay

3.1.
With arrow keys on the bottom of the screen you can skip throught the menues.

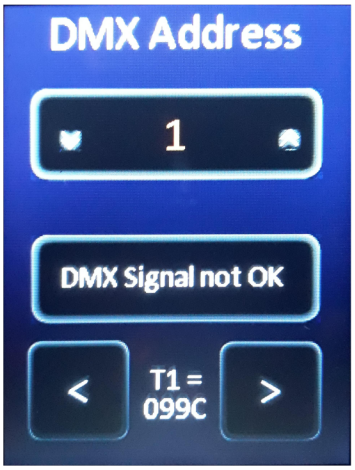
MENU:

4. Fill and drain



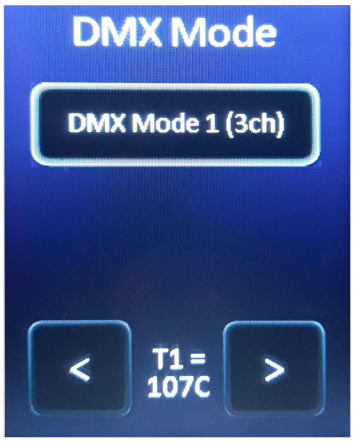
4.1. To fill tip on supply icon
4.2. To drain tip on drain icon
4.3. With the right arrow you can skip to the next menu screen

5. DMX-Start-Address:



5.1. With the right arrow you can skip to the next menu screen

6. DMX-Mode:

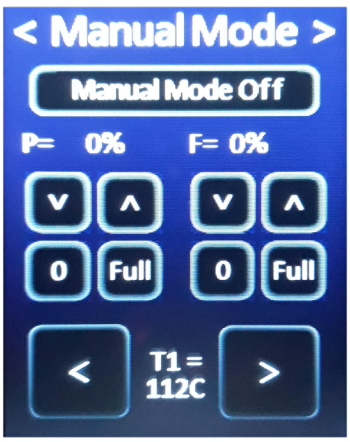


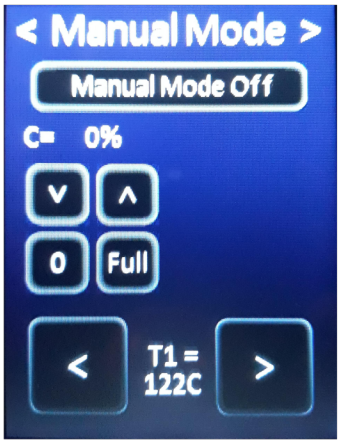
DMX Mode 1 (3ch):
Chanel 1 = Fog output
Chanel 2 = Fan speed
Chanel 3 = Water mist output

DMX Mode 2 (5ch):
Chanel 1 = Fog output
Chanel 2 = Fan speed
Chanel 3 = Water mist output
Chanel 4 = Water supply (fader has to remain on 100% value)
Chanel 5 = Drain (to drain set fader of chanel 4 on 0% and chanel 5 on 100%)

6.1. To change the DMX-Mode from **Mode1(3ch)** to **Mode 2(5ch)** tip on the **DMX MODE** icon
6.2. With the right arrow you can skip to the next menu screen

7. Manual:





7.1. With the arrows left and right of “Manual Mode” you can skip to the next page.
7.2. Tipping on Manual Mode you can turn it on or off
7.3. With the right arrow you can skip to the next menu screen

8. Timer:



8.1. To set ON TIME and OFF TIME use up/down arrow
8.2. To start and stop timer tipp TIMER icon
8.3. With the right arrow you can skip to the next menu screen

9. RDM



10. Error:

10.1. Error E-xx xx= 01-09, 0a, 0b, 0c, 0d = Thermoelement open / brocken. Error does

not disappear

10.2. Error E-10 enviroment temperatur > 70°
When machine cools down back to normal operation

12. DMX OPERATION

If DMX is aktiv, screen will show DMX-Address and you can skip with arrow keys only to item 5 and 6 !!!

DMX channel assignment:

Channel 1: Fog output 0-100%
Channel 2: Fan speed 0-100%
Channel 3: The severity of the fog 0-100%
The higher the output the heavier the fog gets.

ATTENTION:
Too high output of channel 3 may cause excessive moisture on the floor! Depends always on the humidity in the room, how many % creates a beautiful ground fog.

Pump-in procedure:

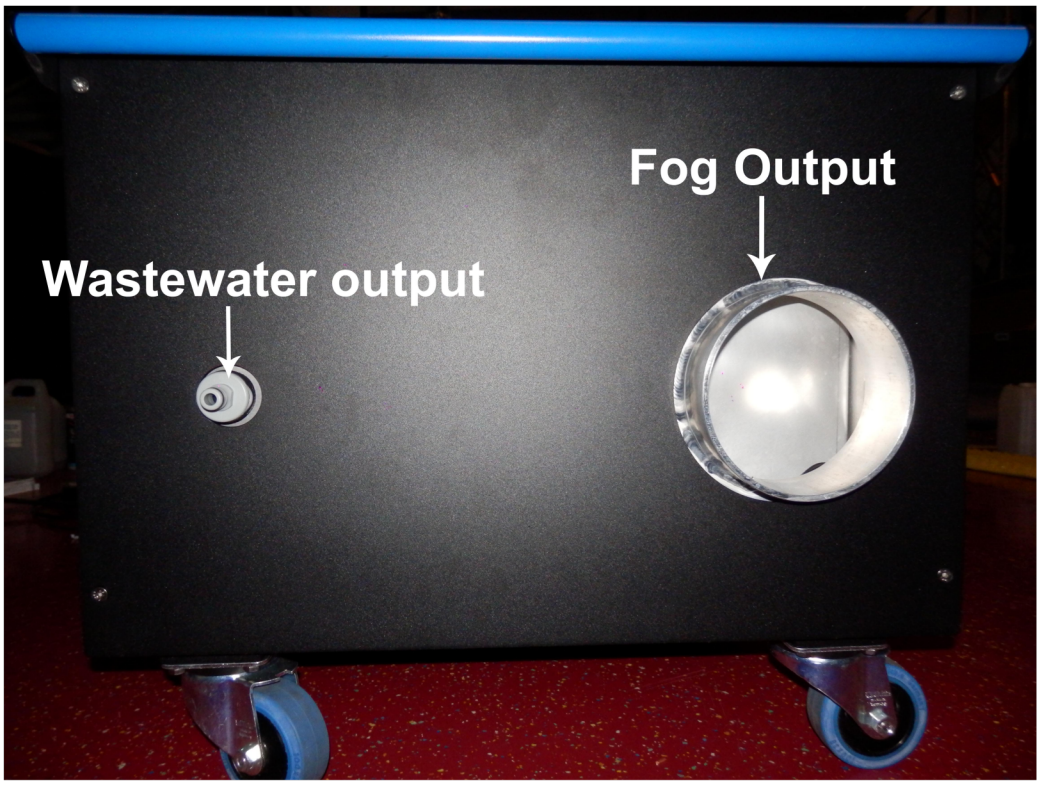
See chapter 4
First disconnect the DMX-Cable from the machine!
To fill the machine with destilled water from the kanister press the supply button

ATTENTION:
If the VARIO 6 pumps in more than 12 Liter (3,5 Gallon) and the VARIO 8 more than 16 Liter (4,5 Gallon), the machine must be switched off immediately, otherwise water can leak from the machine. In this case, please contact your dealer or manufacturer.

Pump-out procedure:

On the front side of the machine there is a Gardena connection, via which you can connect a hose to pump out the waste water .
Disconnect the DMX-Cable and then press the DRAIN buttom (see chapter 4) untill chamber is empty.

See image below



ATTENTION:
Use only Aqua Low Fog Fluid LIGHT or STANDARD to prevent of loosing warranty!

The water must be pumped out daily from the machine!

The machine may only be transported in a deflated state!

Do not open machine while connectected to power and during operation!

Technical data

	VARIO 6	VARIO 8
Procedure	vaporizing fog machine with water	
Total requirement	3,4 kW	4,8 kW
Power of heater	2,2 kW	2,2 kW
Voltage	220 V - 245 V (208V – 245V) / 50 Hz (60Hz)	
Phase	1	2
Warm up time	10 min.	10 min.
Fluid consumption at 100% output at 30% output	 200 ml/min. 60 ml/min.	 200 ml/min. 60 ml/min.
Fog volume	175 m3/min. 6500 CFM	225 m3/min. 8400 CFM
Water consumption L/hr.	1 – 24	1 – 48
Tube diameter	150mm	150mm
Tube lenght: horizontal use vertical use	max. 40m up to 20m (67 feet)	
Fluid tank capacity	5 liter	
Water tank capacity	5L (optional 25L)	10L (optional 25L)
Fog output adjustable	0-100%	
Continous fogging	at <60%	at <60%
Coverage / minute up to	300m2	400m2
Control	DMX 512 / RDM	
Temperature control	Microprocessor	
Overheating protection	Heater block / thermostat Pump / Thermal switch	
Weight	62kg	80kg
Dimensions (L x W x H cm)	91x55x55	93x74x55

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