

Installation and use of Water Meter

DAF001

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DOYON WATER METER

1. Installation



The accessories to be used for fixing the equipment are supplied to fix the meter to the wall. First, fix the meter to a flat wall, in the position shown, then connect the water hoses and then the power cable. If the meter is not fitted in a horizontal position, the precision of the measurement is reduced.

To remove the filter, proceed according to the images below:



1



2



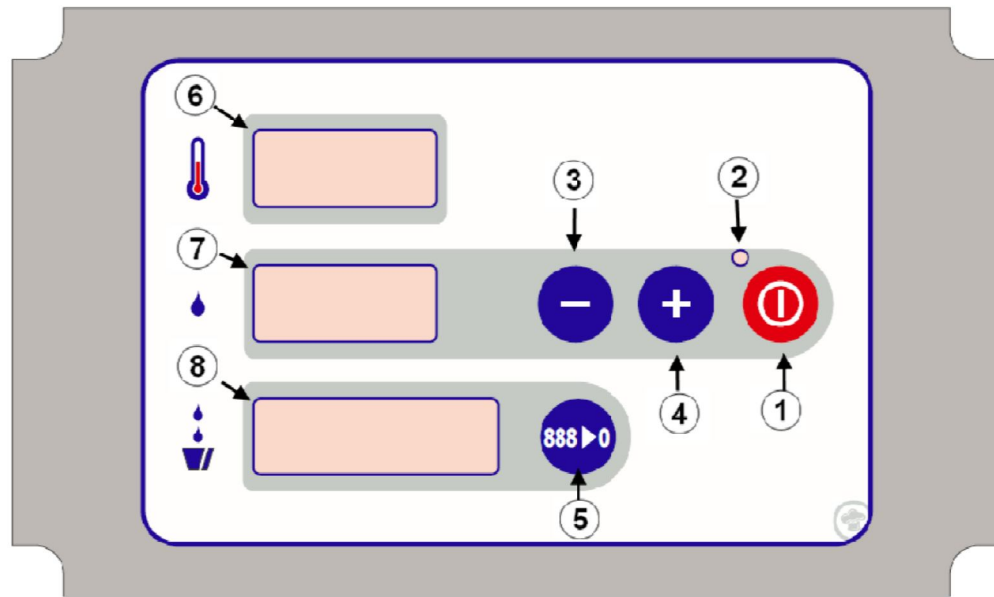
3



4

2. Use

2.1 Description of the electronic control panel



Key

1 – Start/dispense
2 – Meter indicator ON / OFF
3 - Reduce the quantity of water desired
4 - Increase the quantity of water desired
5 – Place the quantity dispensed at zero (reset)
6 - Temperature of the water
7 - Quantity of water desired
8 - Quantity dispensed

2.2 Operation

To start the dispensing, press . If the meter is supplied with electrical power, the led  lights up.

Define the quantity of water with the keys  and . The quantity is indicated in litres, Canadian gallons or American gallons. E.g. 10.5 = 10 litres and 5 decilitres. Press  to start dispensing. The led  flashes.

The water dispensed is recorded on .

When the quantity of water dispensed reaches the desired quantity, the meter stops automatically.

To start the same quantity again, press . If you need to define a new quantity to be dispensed, press  and define the new quantity by pressing  and .

When you are dispensing, you may correct the quantity desired using the keys  and .

If the meter does not operate for 60 seconds, it automatically goes into standby. Press  to re-start the meter.

If there is no water, after 60 seconds the message « H2O » appears. Press  to re-start the meter.

To select ° C - Celsius or ° F - Fahrenheit on the display , press  and .

To select L - litres, C - Canadian gallons or U - American gallons on the display , press  and .

To consult the units defined on display  and on display  press  and  simultaneously.

To consult the flow during the dispensing, press .

3. Technical Data

3.1 *Electrical Part*

Temperature of operation: 0 ° to 45 ° C

Relative humidity: 0% to 80% without condensation.

Power: 30W

DAF230 V

230Vac nominal - 50Hz

DAF120 V

120Vac nominal - 60Hz

3.2 *Hydraulic Part*

Minimum pressure: 0.25bar (3.6psi)

Max. pressure: 5 bar (72.5 psi)

Precision:

± 2% flow from 2l/min

Max. water flow: Debit 45L/Min

Min. water flow: 2 l / min (water flow error greater than ± 5%)

Water input and output ½ "

Particle filter: 25µm.

Maintenance of particle filter: substitute every 3 to 5 months.

Substitution of the entire filter system: every 5 years.