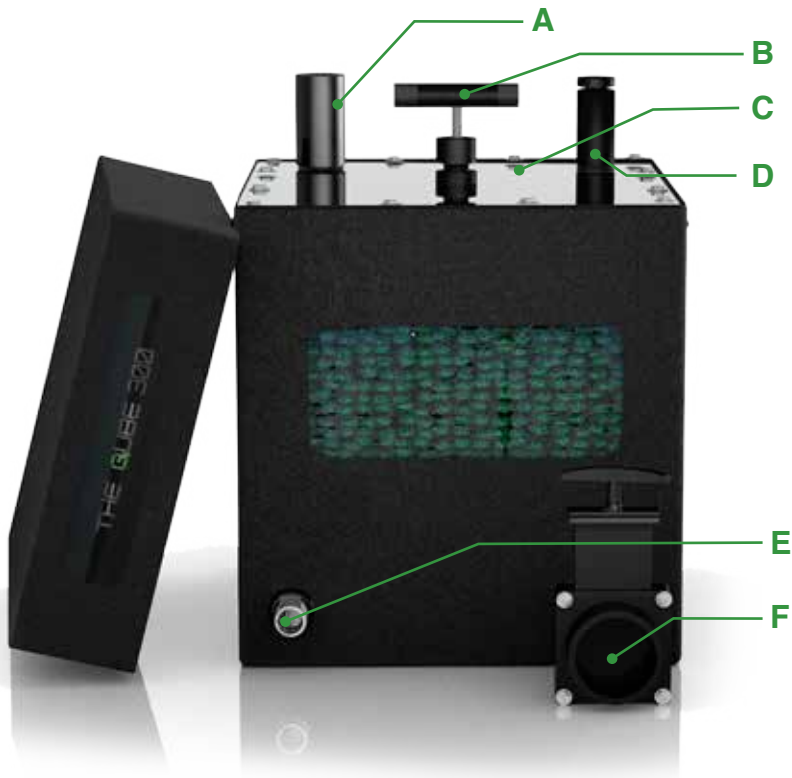


THE QUBE

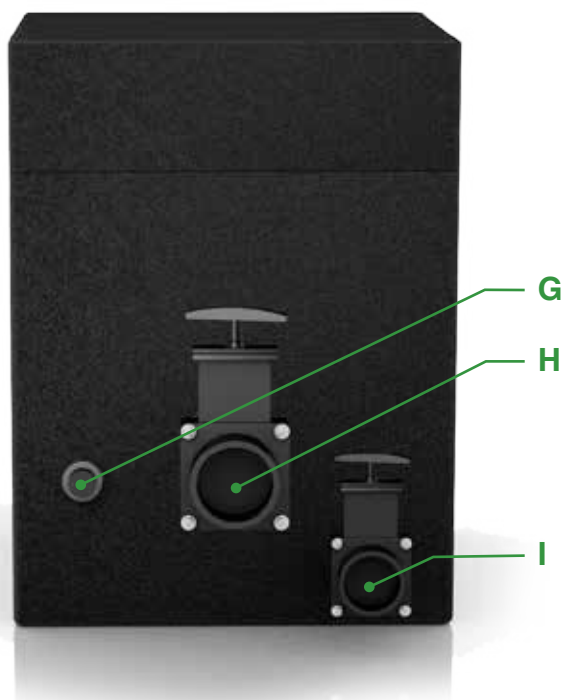
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THE QUBE 300 - USER GUIDE



KEY

- A Mechanical Tri-Valve
- B Sliding Handle
- C Top Grill Plate
- D Manual Air Release Valve
- E Air Valve
- F Return Valve



KEY

- G Drain Valve
- H 1.5" Inlet Valve
- I Waste Water Valve



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Gravity Fed Filling Instructions

- 1 Open the Manual Air Release Valve located on top of the unit. **(D)**
- 2 Partially open the 1.5" Inlet Valve. **(H)**
- 3 When the water level rises up to the Bio-reactor's Top Grill Plate **(C)** close the Manual Air Release Valve. **(D)**
- 4 Carry on filling the unit until the Mechanical Tri-Valve **(A)** seals itself; this happens when a small white ball appears at the top of the valve.
- 5 Fully open the 1.5" Inlet Valve. **(H)**
- 6 Open the Return Valve (right hand valve). **(F)**
- 7 Switch on the main water pump.



Gravity Fed Cleaning Instructions

- 1 Switch off the main water pump and close the 1.5" Inlet valve **(H)** and Return Valve. **(F)**
- 2 Open the Bio-reactor Waste Water Valve **(I)** and allow the water level to drop to just above the grill.
- 3 Close Waste Water Valve. **(I)**
- 4 Open Manual Air Release Valve (very important). **(D)**
- 5 Pull up The Sliding Grill via the handle on top of the unit. **(B)**
- 6 Switch on your air pump (max 70 lpm) and plug the airline into Air Valve **(E)**. This supplies the Bio-reactor's air cleaning system.
- 7 The Orbs media will start to bubble and rotate; this dislodges debris from the media.
- 8 After two to three minutes drain to waste by opening the Waste Water Valve **(I)**. Close the valve.
- 9 Unplug the airline (it is important to unplug the airline when refilling).
- 10 Refill the Bio-reactor by partially opening the 1.5" Inlet Valve **(H)**. When the water level is approximately 10 to 15mm above the grill. Close the valve.
- 11 Repeat the cleaning process until the Orbs media are clean.

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- 12 Once the orbs media are clean drain the water to waste (I). Close the valve.
- 13 Partially open the water 1.5" Inlet Valve. (H)
- 14 When the water level rises up to the Top Grill Plate (C). Close the Manual Air Release Valve. (D)
- 15 Carry on filling the unit until the Mechanical Tri-Valve (A) seals itself; this happens when a small white ball appears at the top of the valve.
- 16 Fully open the 1.5" Inlet Valve. (H)
- 17 Open the Return Valve (right hand valve). (F)
- 18 Switch on the main water pump.

