



**Pure Water**  
It's just different!



dragon-fly M18



**Product Specifications**

Dimensions (mm) :	380(W) x 410(D) x 145(H)
Weight :	35kg (Unladen)
Rated Power :	580-620 watts
Max. Water Storage Capacity :	7 Litres
Max. Immediate Dispensing Capacity :	6 Litres
Membrane Pore Size :	0.15 micron
Water Production Rate :	500 – 1000 ml/hr (Based on Temp. 25 – 30°C, Relative Humidity 55 – 85%)
Ambient Temperature :	Min 20°C to Max 35°C
Feed Water Temperature :	Min 5°C to Max 40°C
Filtration Capacity (3-in-1 Cartridges) :	1500 Litres* (per set)
Ultraviolet (UV) Lamp Lifespan :	1 year (approx.)
Indicators :	Filter Cartridge Exhaust Ultraviolet Lamp Exhaust (buzzer)

*\*Variable depending on Air and Tap Water quality*

**Water Generation Chart – Litres Daily<sup>^</sup>**

Temperature (°C)	Relative Humidity (RH)%						
	60	65	70	75	80	85	90
20°C	10.2	11.8	13.3	14.2	16.4	18.0	18.9
25°C	13.1	14.6	16.2	17.9	19.5	21.1	22.0
30°C	15.8	17.6	19.3	20.5	21.7	23.4	25.2
35°C	20.3	22.7	24.1	25.8	27.1	28.5	30.2

<sup>^</sup> Water generation is dependent on both temperature and relative humidity level. Please check with your local distributor if the operating condition falls out of above range.



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**Pure Water** from this innovative product is **source-independent**. It doesn't only provide you with pure drinking water; it also **purifies and dehumidifies your environment**, making it an **essential appliance for modern living**.

# Pure from air

Creating a new standard in drinking water, **dragon-fly M18** allows you to create your own continuous supply of clean and fresh water from air. Unlike other water dispensers, dragon-fly M18 converts moisture from the atmosphere and keeps it fresh by continual recirculation through a 5 stage filtration process with ultraviolet purification. Preservative-free, easy to maintain and source-independent, it requires no water refills and bottle storage, making it an ideal pure and fresh water choice for home and office.



**Easy to use with minimal maintenance** – Simple procedures for replacement of filtration cartridges and ultraviolet lamp. Water tank and air filter are easily removed for rinsing.

**Hassle free** – Easy to install without any plumbing works

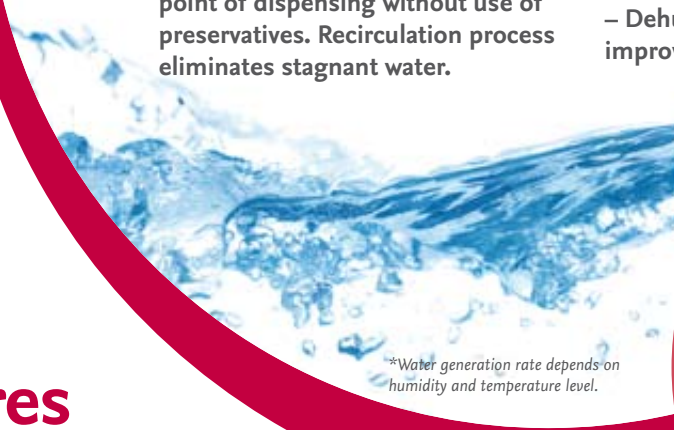
**Source-Independent** – Production of high purity water from the atmosphere\*

**Fresh and pure water each and every time** – Filtration at point of dispensing without use of preservatives. Recirculation process eliminates stagnant water.

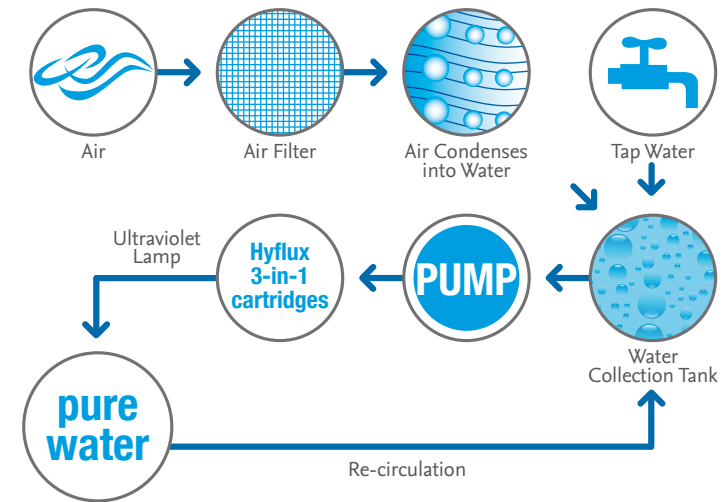
**More comfortable environment** – Dehumidifies surroundings and improves air quality

## Features

- Dual water source flexibility:
  - Air to Water
  - Tap water pipe-in [filtration and purification]
- 30° rotating spout for water dispensing
- Real time water level indicator
- Optimal storage capacity of 7 Litres – Suitable for small families and offices of 3 to 5 people



### Fresh from air, how does it work?



- Air is drawn through an Air Filter, removing most airborne contaminants and particles.
- Vapour in the air is condensed into a Water Collection Tank.
- With its built-in Tap Water pipe-in feature, users enjoy the flexibility of using dragon-fly as a water purification and a filtration system.
- The collected water is then sent through Hyflux's Filtration Cartridges to remove most of the extremely fine waterborne contaminants and other disease-causing agents.
- An Ultraviolet Lamp Kit is installed for disinfection enhancement.
- Re-circulation cycle to enhance water purity and freshness.

### 5 Stage Filtration – assurance of its purity

- 1st stage: Air Filtration**
  - Removes most airborne contaminants and particles
- 2nd stage: Sediment Filtration**
  - Nominal 10 micron rating
  - Removes particle contaminants
  - Reduces chlorine, bad taste and odor
- 3rd stage: Microfiltration**
  - Hollow fibre membrane with 0.15 micron
  - Reduces bacteria and protozoan cyst
- 4th stage: Final Polishing**
  - Reduction of bad taste and odour
  - Enhanced dirt holding capacity for maximum cartridge life
- 5th stage: Ultraviolet (UV) purification**
  - Final stage of disinfection before dispensing

dragon-fly M18 is tested in accordance to:

- WHO Guidelines For Drinking Water, Edition 2006