



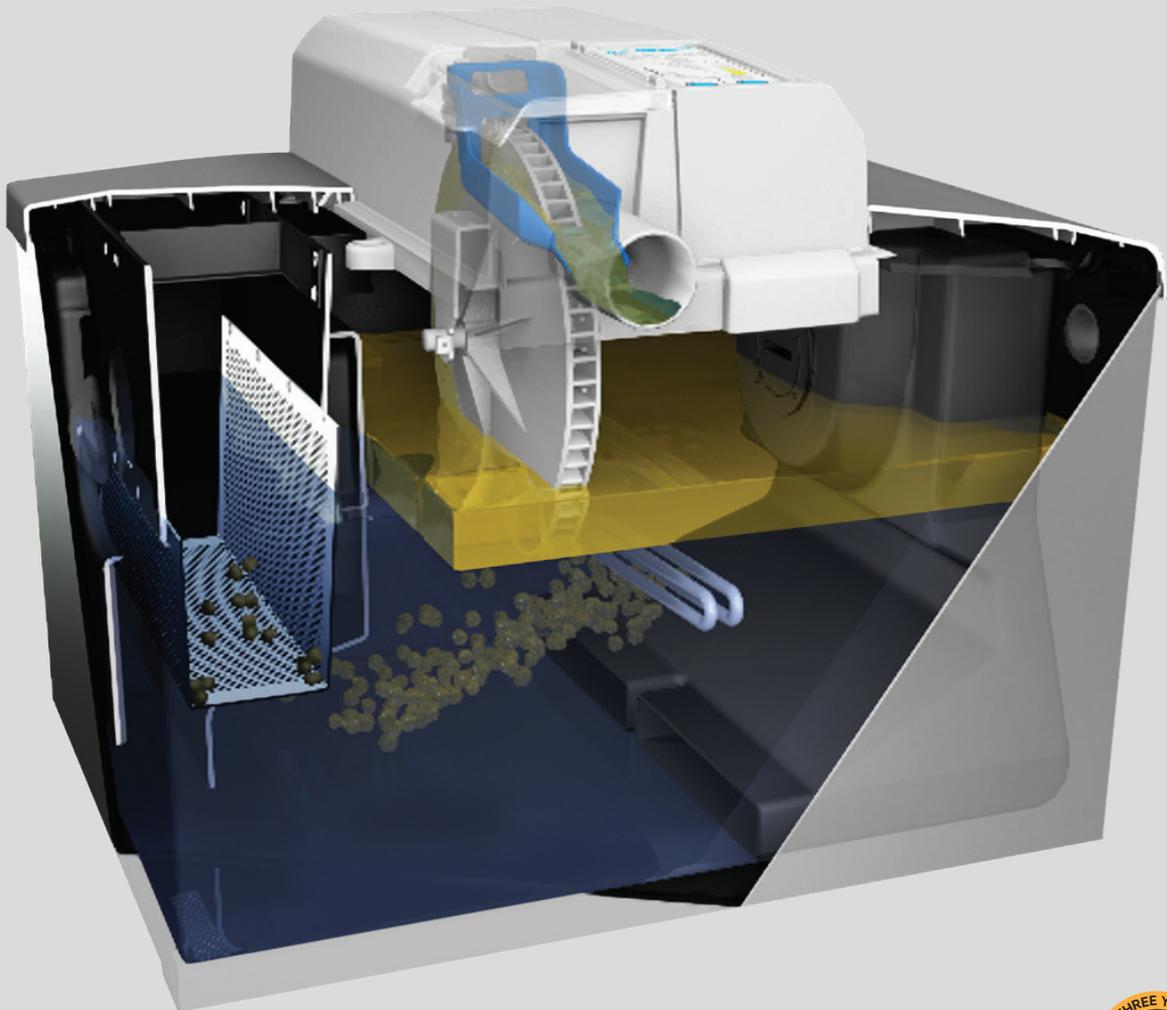
Aqua Mundus

[www.aquamundus.com](http://www.aquamundus.com)  
[www.big-dipper.co.uk](http://www.big-dipper.co.uk)

# Big Dipper

Automatic Grease Removal Unit

## **BIG DIPPER**<sup>®</sup>



Patented Advanced Odour Protection





## Cutting through grease interceptor confusion

If you've started evaluating grease traps, you might be surprised by all the choices. The different types and features might be confusing and overwhelming. Big Dipper units have been installed and maintained for more than 30 years. Keeping them in compliance and keeping their kitchens running. We've helped everyone from family-owned restaurants to fast-food chains to giant sports stadiums. More than 35,000 Big Dippers have been installed in commercial kitchens around the world.

### Big Dipper

Offer a range of models from 1.3 litres per second flow rate up to 6.3 litres. Catering for point of source in kitchen locations or centrally located plant room installations.

The units are a compact, space efficient design with user friendly interface & operator controls.

The patented advanced odour protection is an industry first with re-engineered seals, tight gaskets and magnetic lid latches.

Now available with 'Advanced Maintenance Assist'

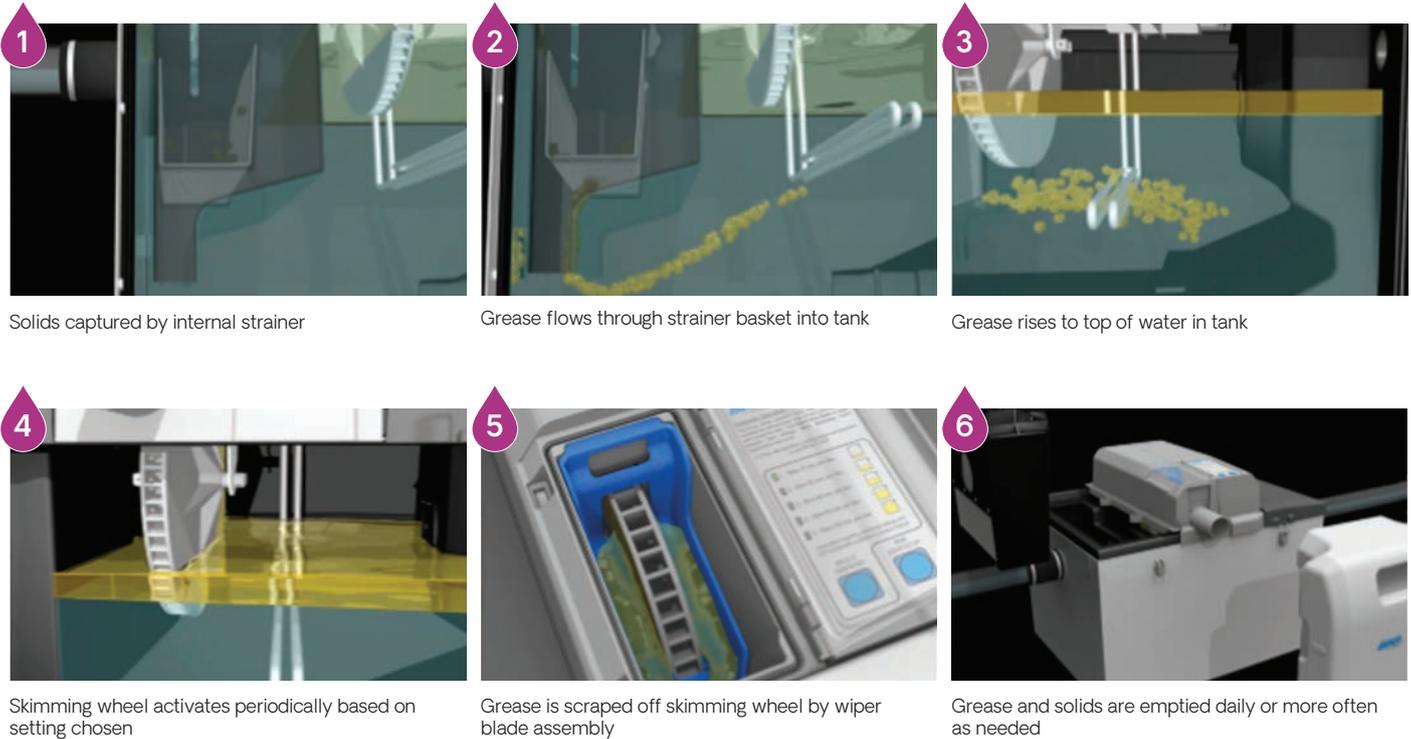
### Features

- Advanced Odour Protection
- Easy-to-Use Controls
- Compact sizes and flow configurations
- 2 Mins per day service requirement
- 3 Year Warranty

### Benefits

- Grease and food related odours stay inside the tank and out of the kitchen
- One button manual control allows staff to run an extra cycle if needed on busy shifts
- Takes up little floor space and optional adjustable hygienic stand, along with easy flow direct adjustment
- Simple, easy daily maintenance required on site.
- 3 Year warranty on electrical assembly gives piece of mind.





Solids captured by internal strainer

Grease flows through strainer basket into tank

Grease rises to top of water in tank

Skimming wheel activates periodically based on setting chosen

Grease is scraped off skimming wheel by wiper blade assembly

Grease and solids are emptied daily or more often as needed

## How it works

The Big Dipper range of Automatic Grease Removal Units are capable of accepting flows up to 6.3 litres per second while holding more than 93kg of grease. The centre module which comes with digital time control, heater assembly, and mechanical skimming assembly, automatically harvests trapped grease into grease collector for easy disposal.

- 1) Solids strainer basket catches food solids waste
- 2) Fats, Oils & Grease (FOG) rise to the top of the separation chamber
- 3) Timer controlled heater liquifies grease as required
- 4) Skimming wheel removes FOG from the separation chamber tank
- 5) FOG is deposited into the collection container for easy disposal

### Installation

- Reversible lid for easy flow direction change
- Floor standing with or without adjustable stand (optional)
- Inlet/Outlet connectors with inbuilt flow control

### Maintenance

Easy and effective daily & weekly maintenance

#### Daily

- Empty the clear plastic FOG collection container
- Empty the internal food strainer basket

#### Weekly

- Check the collection trough and wiper blades
- Press the skim start/stop button to ensure operation



## Technical Data



### Big Dipper® Automatic Grease Interceptor Specifications

Model	Capacity			Dimensions (all measurements are to centre pipe. Length measured from inlet to outlet)							Vessel/ Chamber Vent (mm)	Electrical Assemblies	Electrical
	Flow Rate (l/s)	Grease* (kg)	Solids Strainer (l)	Inlet/ Outlet Size (mm)	L (mm)	W (mm)	H (mm)	Inlet Height (mm)	Clearance required** (mm)				
W-200-IS-E	1.3	21.2	7	51	648	615	363	152	565	25	1	230V 50/60Hz (5.1 Amps) †	
W-250-IS-E	1.6	25.4	7	51	648	615	477	267	679	25	1	230V 50/60Hz (5.1 Amps) †	
W-350-IS-E	2.2	38.3	9.5	76	813	617	555	318	845	25	1	230V 50/60Hz (5.1 Amps) †	
W-500-IS-E	3.2	48.8	9.5	76	965	617	555	318	845	25	1	230V 50/60Hz (5.1 Amps) †	
W-750-IS-E	4.7	76.0	14	102	1168	617	658	419	1003	25	1	230V 50/60Hz (5.1 Amps) †	
W-1000-IS-E	6.3	93.4	14	102	1539	747	657	419	1003	25	2	230V 50/60Hz (10.2 Amps) †	



Aqua Mundus Ltd  
 Unit 15 Waterloo Business Park  
 Waterloo Road  
 Bidford-on-Avon  
 Warwickshire B50 4JG

T: 01386 832205  
 E: sales@aquamundus.com

[www.aquamundus.com](http://www.aquamundus.com)