



GREASE TRAP

GALLEY WATER TREATMENT

AUTOMATIC MODEL

PRODUCT DESCRIPTION

The **ECOTRAP** series **automatic** grease removal unit is a totally engineered system for separating free floating grease and oils from drain water flows. The separated grease and oils are trapped within the stainless steel tank and are automatically recovered by the system. Only the “cleaned” water is allowed to pass through the system into the drain lines. Each unit also separates solid food waste into a removable basket. ECOTRAP can be used in a wide variety of applications. When properly operated the recovered grease and oils are virtually water free so they can be collected by a local rendering Company or recycler.

COMPONENTS

The Grease Trap, **ECOTRAP automatic** is comprised of the following parts, as standard supply: main tank, control panel, motorized valve for grease collecting, grease container, and other components all included in the same assembling.

Installation: under sink is recommended; with clearance maintenance to be left on the top of the tank.

OPERATION PRINCIPLE

Grease, solids and wastewater from the kitchen enters the ECOTRAP. Solid food waste is caught in a removable strainer. The grease passes into the middle chamber through slots in the baffle wall where it remains trapped. With the assistance of a heater the grease separates from the wastewater and rises to the surface. The liquefied grease adheres to the rotating skimming wheels/drum. The grease passes down a scraper blade into a collection container where it can be removed and disposed hygienically. The treated water exits under a baffle wall and through the outlet to drain.



TECHNICAL DATA	ECOTRAP AUTOMATIC MODELS						
	u.m.	ECOTRAP A1	ECOTRAP A2	ECOTRAP A3	ECOTRAP A4	ECOTRAP A5	ECOTRAP ∞
FLOW RATE	l/sec	0.75	1.25	1.75	2.25	3.5	∞
STRAINER CAPACITY	litres	3	4	8	10	14	∞
GREASE TRAP CAPACITY	litres	3.5	4.5	4.5	4.5	11	∞
SKIMMING RATE (BASE MODEL / UP TO 3 SKIMMERS)	1/h	2 / 6	2 / 6	4 / 6	4	12 / 12	∞
TANK MATERIAL		A316L					
MOTOR	Watt	25					∞
HEATER	Watt	600	600	1000	1000	2000	∞
CONTROLLER		PLC: Backlit display Input 240 VAC / Output 240 VAC Backup battery					