



GreaseShield™

AST (Automatic Solids Transfer) Range

Automatic Grease Separation and Solids Removal



- ✓ **Self emptying**
- ✓ **Self cleaning**
- ✓ **No pumping required**
- ✓ **No enzymes or chemicals**
- ✓ **Eco friendly – low carbon footprint**

***"the best
greasetrap in
the world"***

Members of



Awards

"Best Equipment/Product Award", Dublin, Ireland 2009
"Eco Innovation Award" Environord France 2009
"Best Catering Equipment Award" Hospitality Expo, 2008

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Award Winning Technology

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Specifications and Dimensions



GreaseShield ETU AST Range 32/40-50, GreaseShield ETU 32/40-50 WOK & GreaseShield Combi 32-50

Material:	Stainless 304 Brush Finish incorporating a Polypropylene Inner Tank	
Weight:	ETU	76.5 lbs
	Combi	60.4 lbs
Continuous Flow Rate (Rated at 90% of max. flow rate):	ETU	29.3 GPM Continuous Flow Rate
	Combi	15.8 GPM Continuous Flow Rate
	Flows are subject to a 1 in 40 fall into the GreaseShield and rely on the drainage pipe work being either 1¼" (GreaseShield Combi) or 1½" (GreaseShield ETU 32/40/50). The outgoing pipe work from a GreaseShield should always be 2" in diameter and have no restrictions.	
Antiflood / SafeGuard:	ETU	Maximum Flow Rate 29.3 + 7 GPM = 36.3 GPM
	Combi	Maximum Flow Rate 15.8 + 7 GPM = 22.8 GPM
FOG Removal Rate:	ETU	8.8 lbs per hour
	Combi	4.4 lbs per hour
FOG Removal Means:	ETU	• 15" Long x 7 ⅛" Diameter
	Combi	• 6 7/10" Long x 7 ⅛" Diameter
	ETU & Combi	• Oleophilic, Zero Maintenance Roller • Continuously Wiped by Silicone Rubber Blade • Formed to 77 Shore Hardness For Durability • Resistant to Fats, Oils and Greases; Spices; Alkalis and Acids in pH range 4 to 10
Fats, Oils and Grease (FOGs) Cartridge Capacity:	ETU	13.2 lbs of FOGs (Representative of a typical day)
	Combi	6.6 lbs of FOGs (Representative of a typical day)
Automated Solids Transfer (AST) & Dewatering:	Incorporated As Standard - Capacity 66 lbs per Hour	
Internal Cleaning Cycles:	Incorporated As Standard - No Need To Desludge	
External Solids Cartridge Storage Capacity:	15.4 lbs	
PLC Control	Control Smart Programmable Relay - Energy Conservation	
Flexibility in FOG & Solids Removal Operating Sequences:	FOG & Solids Removal can operate to specific customers requirements (opening hours/levels of contamination to be treated) and offers the flexibility of being programmed for specific needs	
Motors - Single Phase 120 Volts:	2 x 24 watt, 120v, 60Hz with automatic thermal safety protection cut-out and reset [257° Farenheit +/- 10%]	
GreaseShield Dimensions - Length x Height x Width:	ETU	32 7/8" x 14 1/4" x 16 1/16"
	Combi	19 1/16" x 14 1/4" x 16 1/16"
Inlet & Outlet Diameters Low Level Dual Entry	ETU	Inverted Inlet 1 1/4" Normal Inlet 1 1/2" - Outlet 2"
	Combi	1 1/4" - Outlet 2"
Inlet Invert & Outlet Height/s (To Base of Inlets & Outlets)	ETU	Inverted Inlet 2 1/16" Normal Inlet 3 3/4" Outlet 5 15/16"
	Combi	Inlet 7 17/25" Outlet 5 15/16"
Usage Guidance In Relation To Specifications:	ETU	Dishwasher + 20 Grid Combi Ovens + Double Stacked Combi; Double Pot & Prep Sinks; Decarbonisers; Rotisserie Ovens. In combination with FilterShield Waste Disposal and Dewaterer Units.
	Combi	Up to 4 Combi Ovens and Single Bowl Sink
Drainage & Plumbing Requirements:	4" Gully Trap to Drain to be located 10" to left hand side of GreaseShield unit + 3/4" BSP Connection to both Mains Cold and Hot Water Supply	
Kitchen Furniture Fabrication Requirements:	Stainless Steel Table, Sinks and Stands to be fabricated to allow and ensure operational and maintenance access & ease of plumbing of GreaseShields.	