



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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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	34.7Kg / 76.5Lb
	Combi	27.4Kg / 60.4Lb
Continuous Flow Rate (Rated at 90% of max. flow rate):	ETU	1.85 l/s Continuous Flow Rate
	Combi	1.00 l/s 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" (32mm) (GreaseShield Combi) or 1½" (38mm) (GreaseShield ETU 32/40-50). The outgoing pipe work from a GreaseShield should always be a 2" (51mm) and have no restrictions.	
Antiflood/SafeGuard:	ETU	Maximum Flow Rate 2.06 + 0.44 Litres Per Second = 2.5 L/PS
	Combi	Maximum Flow Rate 1.11 + 0.44 Litres Per Second = 1.55 L/PS
FOG Removal Rate:	ETU	4 litres per hour
	Combi	2 litres per hour
FOG Removal Means:	ETU	• 385mm Long *180mm Diameter
	Combi	• 175mm Long *180mm 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	6 Litres of FOGs (Representative of a typical day)
	Combi	3 Litres of FOGs (Representative of a typical day)
Automated Solids Transfer (AST) & Dewatering:	Incorporated As Standard - Capacity 30 litres per Hour	
Internal Cleaning Cycles:	Incorporated As Standard - No Need To Desludge	
External Solids Cartridge Storage Capacity:	7 Litres	
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 220 Volts:	2 x 24 watt = 48 watt per hour, 230v, 50Hz with automatic thermal safety protection cut-out and reset [125 Celsius +/- 10%]	
GreaseShield Dimensions - Length x Height x Width:	ETU	835 x 362 x 424mm
	Combi	500 x 362 x 424mm
Inlet & Outlet Diameters	ETU	Inverted Inlet 32mm, Normal Inlet 40mm, Outlet 50mm
	Combi	Inlets 32mm, Outlet 50mm
Inlet & Outlet Height/s (To Base of Inlets & Outlets)	ETU	Inverted Inlet 43mm, Normal Inlet 160mm, Outlet 160mm
	Combi	Inlet 183mm, Outlet 155mm
Usage Guidance In Relation To Specifications:	ETU	Dishwasher + 20 Grid Combi Ovens + Double Stacked Combis; 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
Electrical Installation Requirements:	A Single Phase Dedicated 13 Amp Masterseal IP56 Unswitched one gang Socket (MK56480) or comparable	
Drainage & Plumbing Requirements:	110mm Gully Trap to Drain to be located 250mm to left hand side of GreaseShield unit + ¾" 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.	