

Technical Specification - GreaseShield®1850 AST-PF



**PRE-FILTER
FOR SOLID WASTE
SEPARATION**

GreaseShield®



**AUTOMATED
SOLIDS TRANSFER
FOR SOLID WASTE
SEPARATION**

APPLICATIONS

- Hood Type Dishwashers
- Pre-Rinse Sink

FLOW RATES & CERTIFICATION

- Pro-Active Flow Rate - 1.85 L/sec
- ASME Certification
- PDI Certification
- CSA Certification
- EN 1825 Certification

STANDARD FEATURES & FUNCTIONS

- Automatic FOG & solids removal
- Self cleaning
- Magnetic baffle for bioremediation
- PLC controlled
- Non restricted Vortex Flow Control device
- Reverse flow configuration
- Grey water Recirculation
- Space Saver Running Trap & Sampling Point
- Globally certified award winning technology
- The only Green Certified grease trap in the world



Environmental
Products and Services Ltd

Award Winning Technology

Plumbing Connections

Pre-Filter Inlet	1" 1/2/40mm
Inlet	1" 1/2/40mm
Invert Inlet	1" 1/4/32mm
Outlet	2"/54mm
Decant Outlet	3/4"/18mm
Hot Water Solenoid	3/4"/22mm

Electrical Ratings

	USA	UK,EU,AU,NZ
Voltage	120v	230v
Frequency	60Hz	50Hz
Current	0.98A	0.49A

Standard Operational Times

Days of Operation	7 Days a Week
Hours of Operation	07:00-02:30

Note: Operational times should be adjusted to suit the needs of the kitchen

Average Power Consumption

47.6W Per Hour

CERTIFICATIONS & APPROVALS

- Global GreenTag LCA Rate Gold Certification
- PDI G101 (Plumbing & Drainage Institute)
- ASME A112.14.3 & A112.14.4 (American Society of Mechanical Engineers)
- NSF International (National Sanitation Foundation)
- CSA (Canadian Standards Association) - Grease Interceptors
- UL (Underwriters Laboratory)
- IAPMO (International Association of Plumbing and Mechanical Officials) Uniform Plumbing Code Certification Mark
- CE - Conformity with Health, Safety and Environmental Protection \ Standards with the European Economic Area (EEA)
- EN1825 (European Standard for Grease Separators)
- KIWA (ETA DK, Swedac & SINTEF) - Sweden, Norway and Finland.
- European Institution for Testing, Inspection and Certification

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Web: www.epas-ltd.com

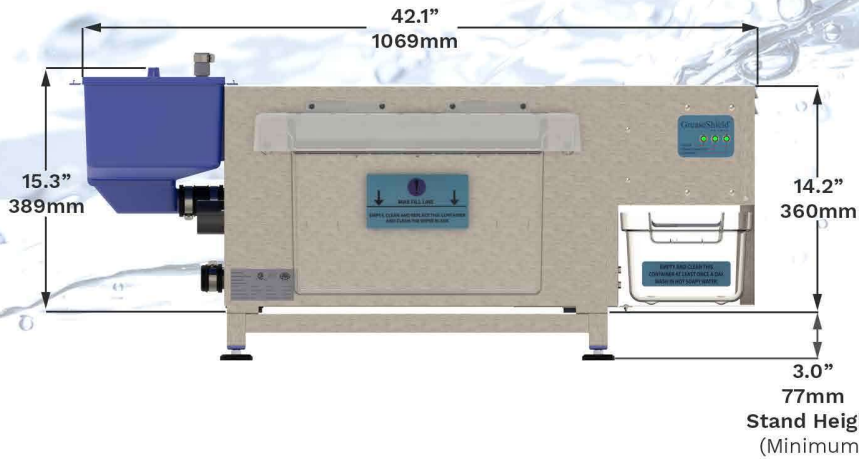
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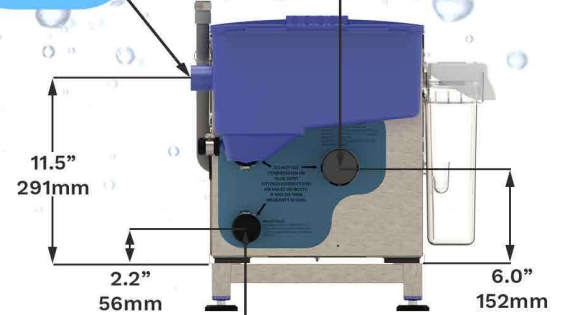
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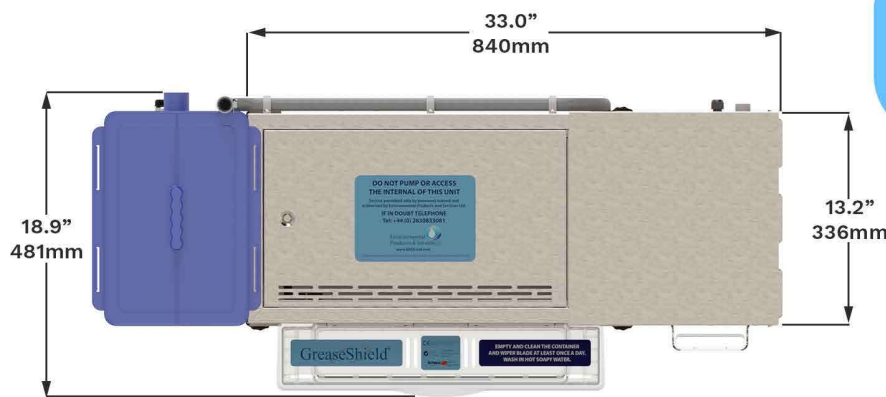
PRE-FILTER
INLET Ø
1 1/2"
41mm

OUTLET Ø
2"
54mm



INVERT
INLET Ø
1 1/4"
34mm

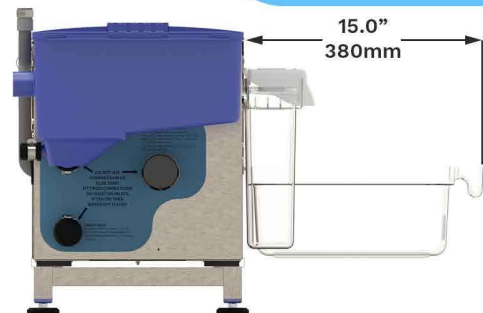
DECANT
OUTLET Ø
3/4"
18mm



HEIGHT REQUIRED
FOR FILTER BASKET
REMOVAL



SPACE REQUIRED
FOR SOLIDS
CONTAINER REMOVAL



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