

# Technical Specification - GreaseShield® 1850-F



**GreaseShield®**  
The Grease Management Solution

## APPLICATIONS

- Large Pot Wash Sink
- Triple Bowl Sink

## FLOW RATES & CERTIFICATION

- Pro-Active Flow Rate - 1.85 L/sec
- ASME 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

|                      |             |
|----------------------|-------------|
| FilterShield™ Inlets | 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

15.8W Per Hour

## CERTIFICATIONS & APPROVALS

- Global GreenTag LCA Rate Gold Certification
- 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
- UKCA (UK Conformity Assessed)
- 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
- SHASE-S 217:2016 (Japanese Grease Management Standard for Grease Interceptors)

V13 11/12/2024

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

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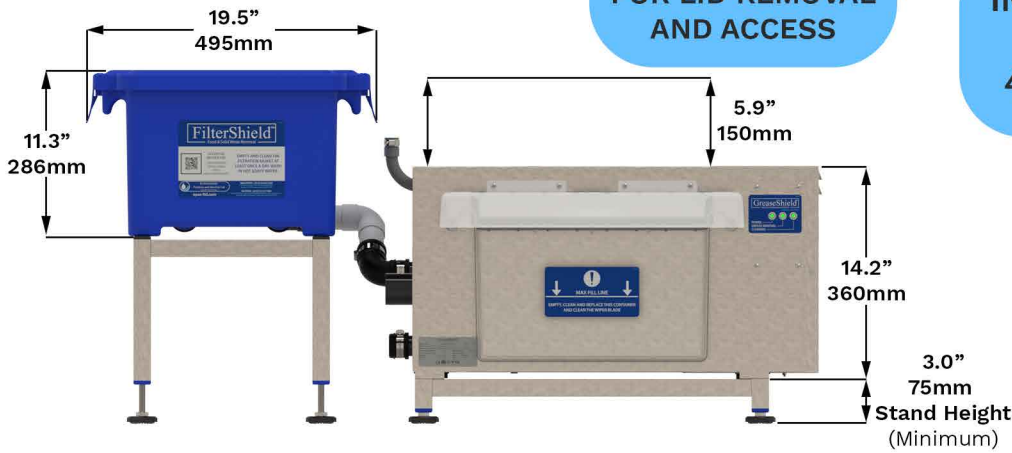
[sales@epas-ltd.com](mailto:sales@epas-ltd.com)

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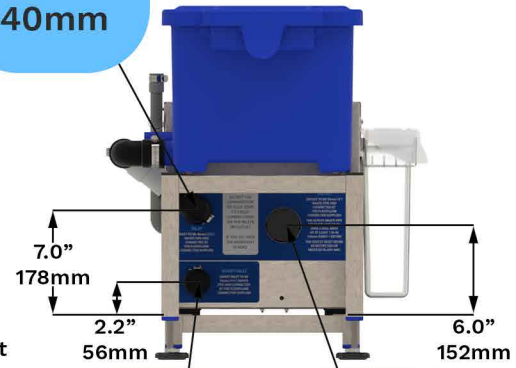
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**SPACE REQUIRED FOR LID REMOVAL AND ACCESS**



**INLET Ø**  
1 ½"  
40mm

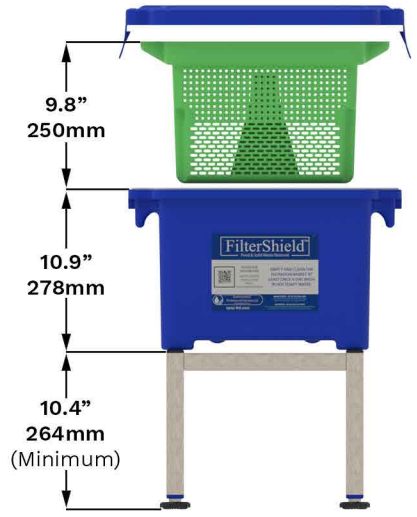


**INVERT INLET Ø**  
1 ¼"  
34mm

**OUTLET Ø**  
2"  
54mm



**HEIGHT REQUIRED FOR FILTER BASKET REMOVAL**



**SPACE REQUIRED FOR END PLATE REMOVAL AND ACCESS**

**DECANT OUTLET Ø**  
¾"  
18mm

**FS2000 INLET Ø**  
1 ½"  
40mm



**FS2000 OUTLET Ø**  
1 ½"  
40mm



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