

Technical Specification - GreaseShield® 1850-PF



GreaseShield®
The Grease Management Solution

**PRE-FILTER
FOR SOLID WASTE
SEPARATION**

APPLICATIONS

- Pre-Rinse Sinks
- Hood Type Dishwashers
- Double Bowl Sinks
- Convection Ovens

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

Plumbing Connections

Pre-Filter Inlet	1" 1/2/40mm
Inlet	1" 1/2/40mm
Invert Inlet	1" 1/4/32mm
Outlet	2"/50mm
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)



**Environmental
Products and Services Ltd**

Award Winning Technology

V12 11/12/2024

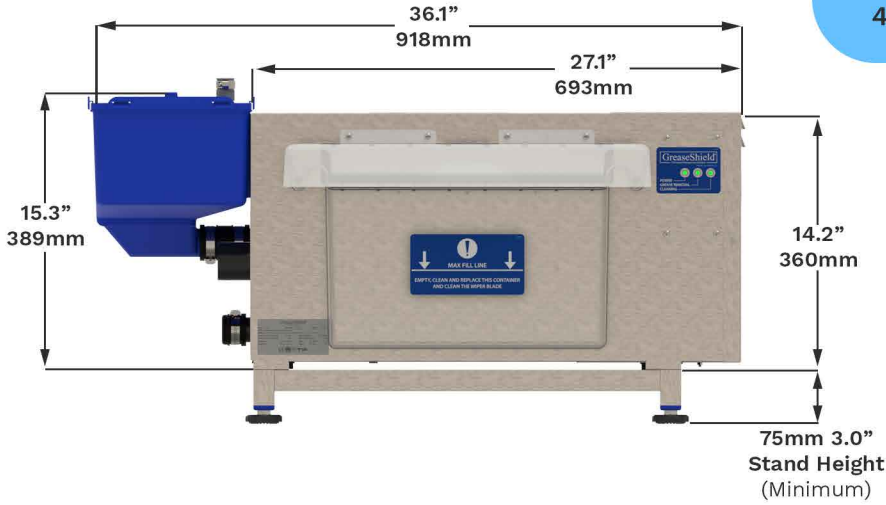
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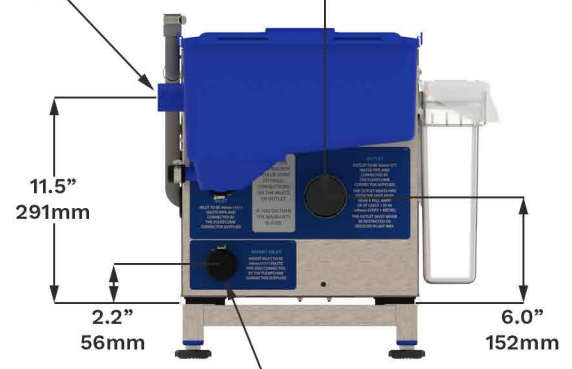
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PRE-FILTER INLET Ø 1 1/2" 41mm

OUTLET Ø 2" 54mm



INVERT INLET Ø 1 1/4" 34mm

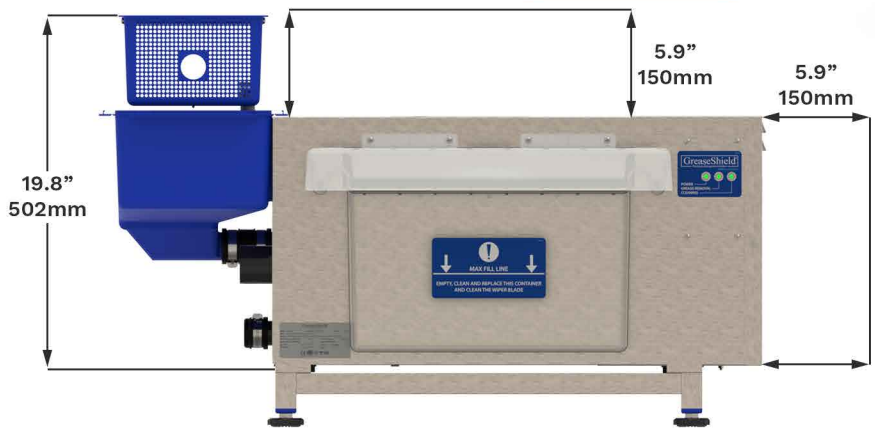


DECANT OUTLET Ø 3/4" 18mm



HEIGHT REQUIRED FOR FILTER BASKET REMOVAL

SPACE REQUIRED FOR LID REMOVAL AND ACCESS



SPACE REQUIRED FOR END PLATE REMOVAL AND ACCESS



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