

# Technical Specification - GreaseShield® 1850-CRM-4



**GreaseShield®**  
The Grease Management Solution

**GenieH2O**  
HOT WATER ON DEMAND

## APPLICATIONS

- Steam Combi Ovens
- Rotisserie Ovens
- Multisserie Ovens

## FLOW RATES & CERTIFICATION

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

## STANDARD FEATURES & FUNCTIONS

- Automatic FOG & solids removal
- Self cleaning
- Magnetic baffle for bioremediation
- PLC controlled
- Reverse flow configuration
- Space Saver Running Trap & Sampling Point
- Globally certified award winning technology
- The only Green Certified grease trap in the world
- Genie H2O in line water heater
- Steam & Condensation Inlet Manifold collecting and utilising waste thermal energy.

## Plumbing Connections

FLF Inlet	1" 1/2/40mm
Invert Inlet (Manifold)	1" 1/4/34mm
Steam Intake	3/4"/22mm
Condensation Intake	3/4"/22mm
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	1.5A	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
- 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

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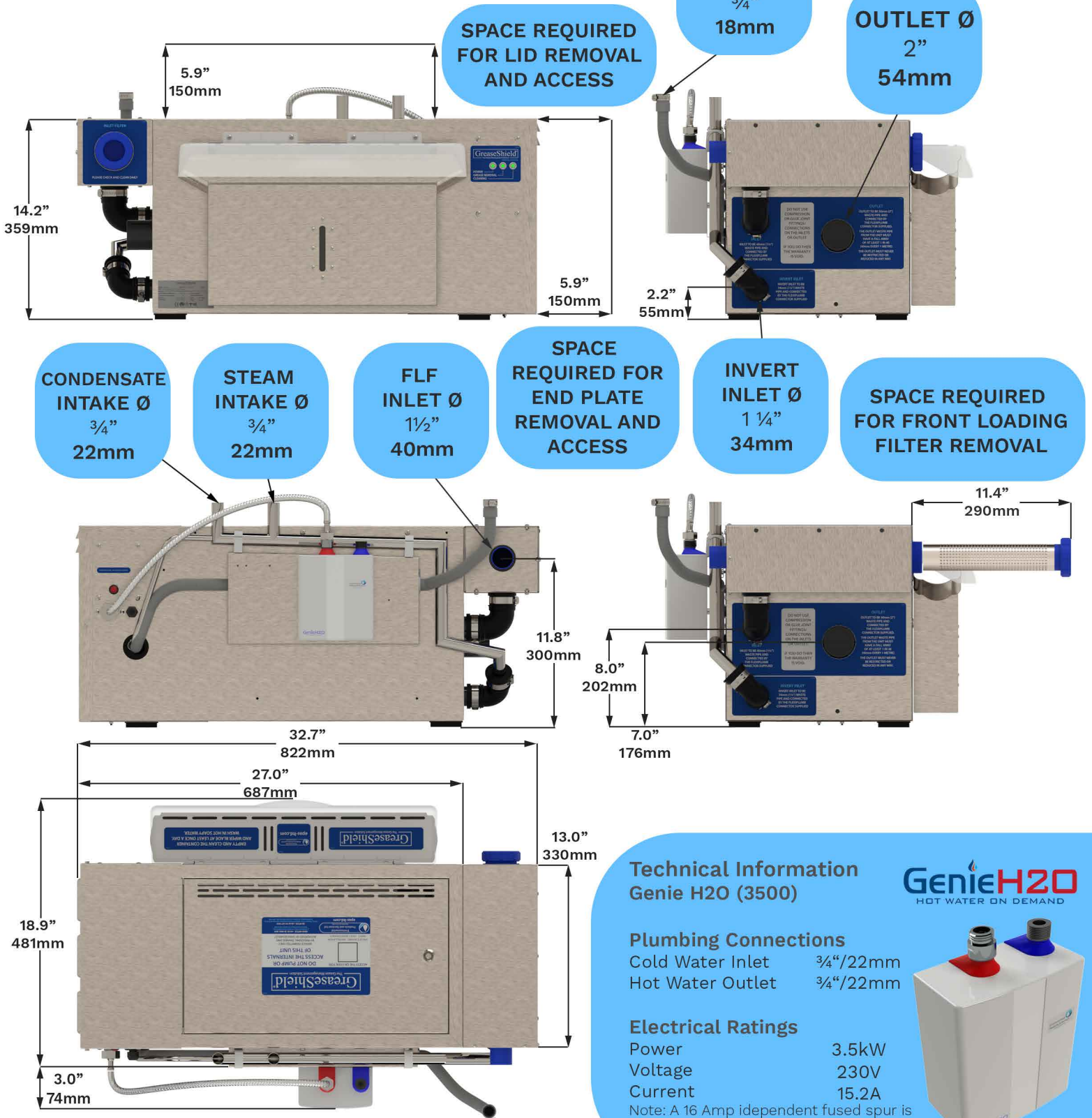
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# GreaseShield®

The Grease Management Solution



## Technical Information Genie H2O (3500)

**GenieH2O**  
HOT WATER ON DEMAND

### Plumbing Connections

Cold Water Inlet 3/4"/22mm  
Hot Water Outlet 3/4"/22mm

### Electrical Ratings

Power 3.5kW  
Voltage 230V  
Current 15.2A

Note: A 16 Amp independent fused spur is required to power the Genie H2O.



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