



Grease Guardian[®]

Frontline Engineering

"My mind is at rest with Grease Guardian"

MARK SIMMONS
CHEF



UNDER SINK AUTOMATIC GREASE REMOVAL UNIT

Solid stainless steel construction

Intelligent design

Removes 99% of grease

Quality-assured and approved globally

Easy to install and maintain

Full customer support

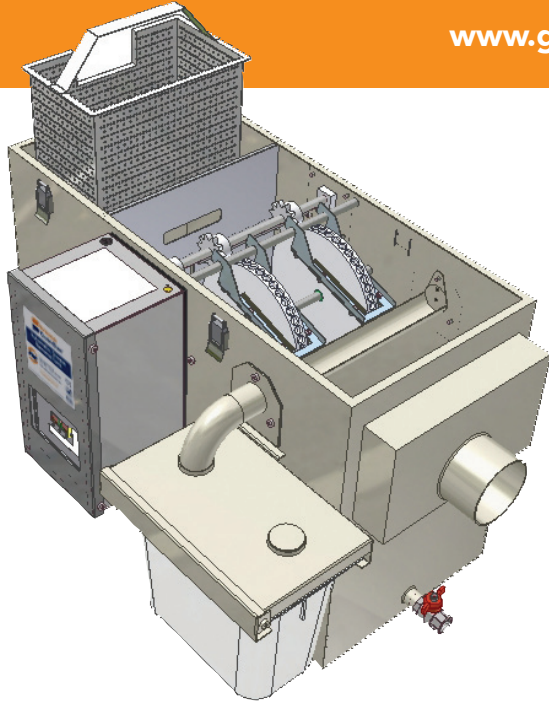
Programmable Logic Control

3 year warranty



BS EN ISO 9001:2008





THREE-STAGE OPERATION SYSTEM

STAGE 1 Solids Collection

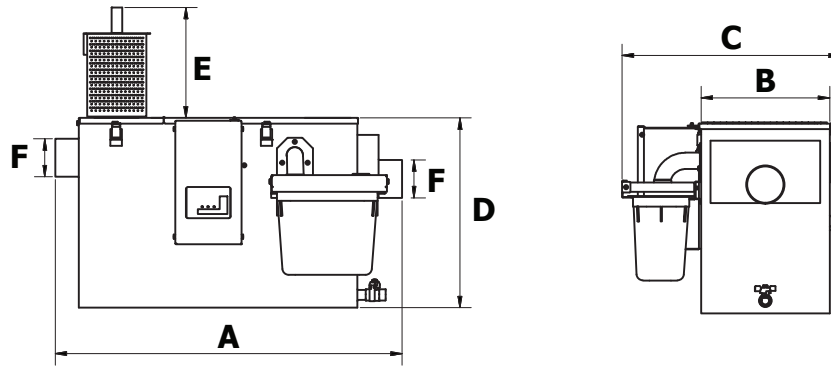
Wastewater from the kitchen is directed through the inlet of the **Grease Guardian®** where a removable strainer basket collects any solid debris.

STAGE 2 Grease & Oil Separation

Grease in the wastewater floats to the surface and is trapped while the clear water leaves the unit and enters the drainage system.

STAGE 3 Self Cleaning & Grease Removal

The PLC programmed heating element is activated to liquefy grease, which is then removed by the skimming wheel and deposited into a portable container for recycling. Can be connected to: Pot wash sinks, pre-rinse sinks, combi ovens, Asian woks and floor drains



Model	Length (A) INCLUDES INLET & OUTLET	Width (B) MAIN TANK	Width (C) INCLUDING GREASE COLLECTION CONTAINER	Height (D) WITH LID CLOSED CLEARANCE NEEDED	Basket (E) CLEARANCE NEEDED	Inlet/Outlet (F)	Max Flow
D1	25.2	12.2	20.3	13.0	7.9	2.0	12gpm
D2	28.3	12.2	20.3	16.1	9.4	2.0	20gpm
D3	33.1	12.2	24.4	17.7	10.6	3.0	25gpm
D4	35.0	12.2	24.4	17.7	10.6	4.0	35gpm
D5	55.9	12.2	26.4	22.0	15.3	4.0	50gpm

ALL DIMENSIONS IN INCHES

Specification: Automatic grease trap with inbuilt grease skimming mechanism. 16 Gauge 304 Stainless Steel, 25 watt motor. 600 W heater D1-D2; 1.0kw heating element D3-D4; 2 x 1.0 KW heater D5. Programmable digital timer, 110V 60Hz as standard. Each wheel skims 4.4 pounds of free floating grease per hour. Left-to-right or right-to-left handling of unit to suit preferred flow direction.



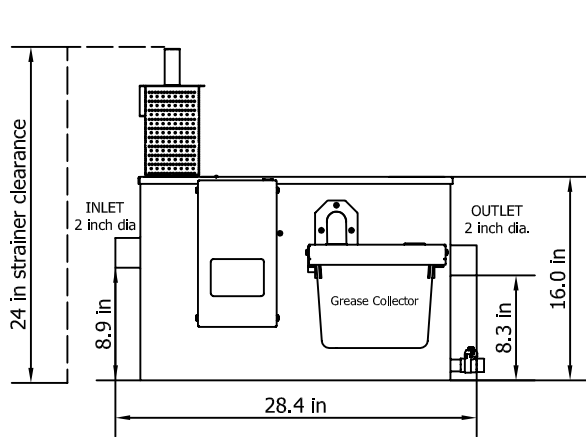
United States

Grease Guardian LLC
 96 Onondaga Street
 Yonkers NY 10704
 T: 914 375 0902
 M: 914 316 5671
 E: des@greaseguardian.com
www.greaseguardianusa.com



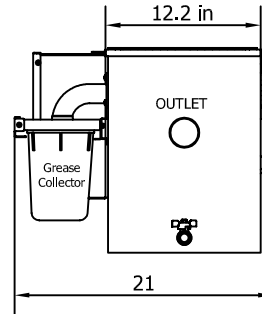


GGD20 Grease Guardian Standard Specification

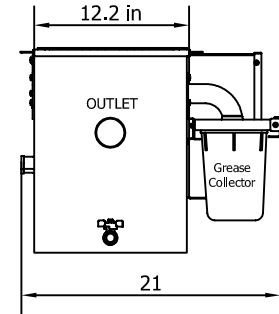


FRONT VIEW

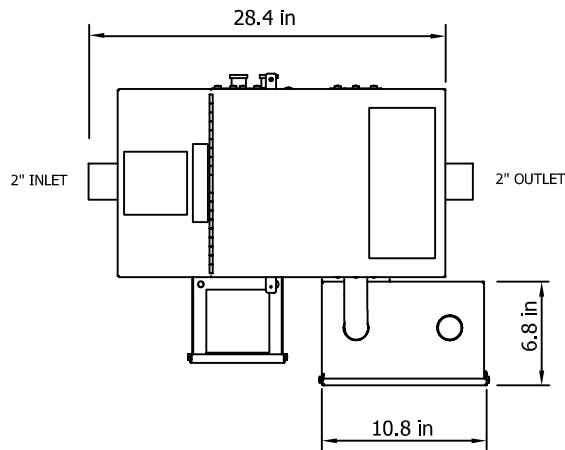
2" INLET
2" OUTLET



END VIEW
LEFT TO RIGHT



END VIEW
RIGHT TO LEFT



TOP VIEW

GREASE GUARDIAN STANDARD FEATURES:

- 3 Year Guarantee
- Fully Automatic Grease Removal Unit (AGRU)
- 16 gauge stainless steel welded tank
- Fully sealed air tight lid
- Left Hand / Right Hand Options
- PLC/HMI automatic controller
- Audible alerts
- Energy saving mode
- Long life skimmer blade
- Removable basket solids strainer
- Grease Guardian World asset management

TECHNICAL DATA

Weight _____ 68 pounds
 Material _____ 16 Gauge Stainless Steel
 Interior _____ Stainless Steel & Acetal Plastic Components
 Maximum Flow Rate _____ 20 gallons per minute
 Solids Strainer Capacity _____ 9 Pounds
 Skimming Rate _____ 11 pounds per hour
 Programming/Control _____ 7 day, 24hr Multifunctional
 Electrical Load _____ 110VAC 625watts 5.7A



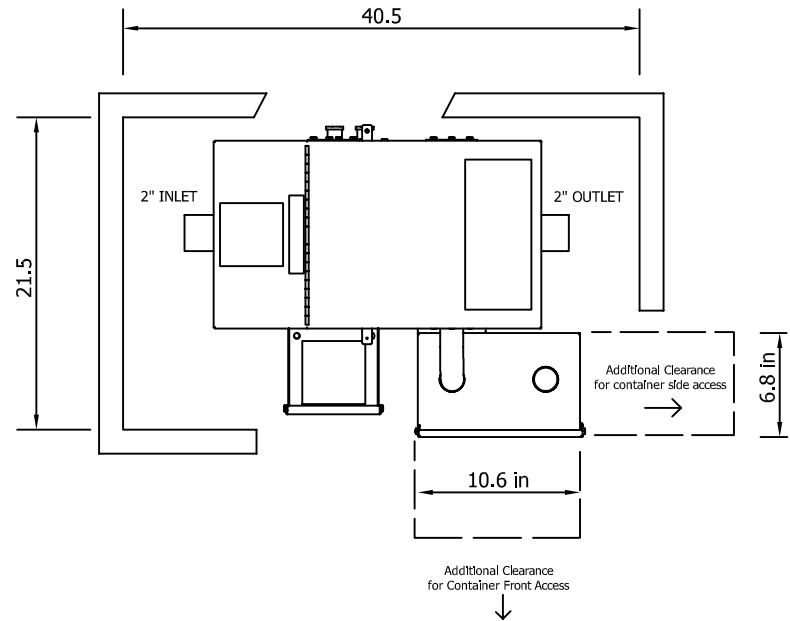
GGD20 Grease Guardian Installation Details

KEY INSTALLATION NOTES:

- Allow for the minimum clearances shown
- For tank base allow at least 40.5" length x 21.5" width clearance.
- Allow adequate access to slide-in strainer & slide-in grease collector from front.
- Inlet port is both single/dual entry
- Outlet port is both single/dual entry.
- Keep outlet piping at 1/8" per foot fall or more.
- User rubber adjustable pipe connectors as supplied.
- Only switch on after filling system with water to static level.
- Refer to long manual for full installation.

Pre start up checks:

- Ensure unit is positioned on a level surface and is plumbed in securely.
- Ensure electrical outlet is fitted with dedicated ground fault circuit breaker.
- Ensure that the unit is filled with water to the correct level
- Ensure strainer basket is fully closed
- Set controller date and time as detailed in the manual
- Ensure that collection receptacle empty and securely in place



MINIMUM FLOOR SPACE RECOMMENDATION

Specification

Install ___ Grease Guardian Model GGD20, self cleaning automatic grease removal unit, 16 gauge fully welded 304 stainless steel tank, stainless steel internal baffle plate, fully sealed air tight stainless steel lid and robust stainless steel clamps, stainless steel vertical lift solids strainer basket, left to right or right to left models available with easy fit pipe couplings, 20 gallons per minute flowrate, and skimming rate of 11 pounds per hour. The GGD is supplied with rotating grease skimming wheel, integral gas trap, totally enclosed geared drive unit, 600 watt immersion heater with self regulating safety control, programmable controller with interface, energy saving mode and audible alerts. The GGD is suitable for floor and shelf type mounting. 3 year warranty is standard.

Electrical Details

GGD20 110vac, 625watts, 5.7A

Grease Guardian World

Grease Guardian World is an interactive online register of all Grease Guardian branded products uploaded and managed by Grease Guardian, distributors and end users.

Grease Guardian World allows us to:

- Upload and manage individual sites
- Monitor specification, service history, supplier details for each Grease Guardian installed
- Upload and view installation photographs
- Upload and view Operation & Maintenance manuals
- Upload and view service engineer reports
- Locate sites using Google Maps linking
- Automatically remind distributors, customers and end users when service is due and warranties expire.
- Access and manage accounts on-line
- Manage recycled FOG



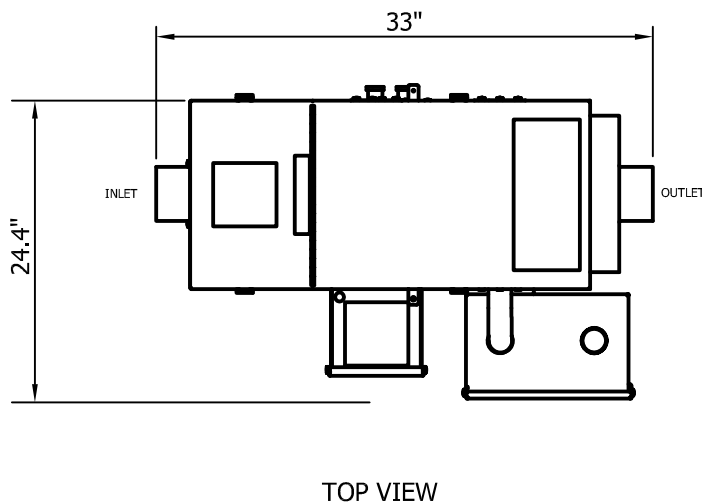
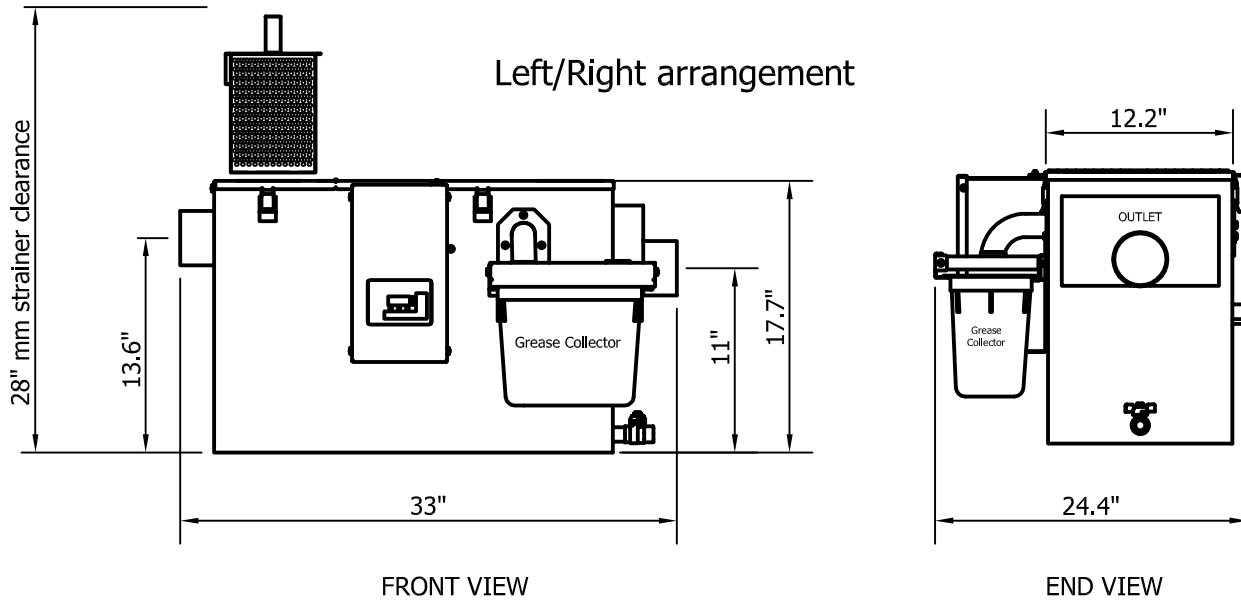
Grease Guardian LLC 96 Onondaga Street Yonkers, NY 10704

www.greaseguardianUSA.com



D3 (GGD25) Grease Guardian Standard Specification

3" INLET
3" OUTLET



GREASE GUARDIAN STANDARD FEATURES:

- 3 Year Guarantee
- Fully Automatic Grease Removal Unit (AGRU)
- 16 gauge stainless steel welded tank
- Fully sealed air tight lid
- Left Hand / Right Hand Options
- PLC/HMI automatic controller
- Audible alerts
- Energy saving mode
- Long life skimmer blade
- Removable basket solids strainer
- Grease Guardian World asset management

TECHNICAL DATA

Weight _____ 75 pounds
 Material _____ 16 Gauge Stainless Steel
 Interior _____ Stainless Steel & Acetal Plastic Components
 Maximum Flow Rate _____ 25 gallons per minute
 No of Skimming Wheels _____ 1
 Solids Strainer Capacity _____ 8 Pounds
 Skimming Rate _____ 11 pounds per hour
 Programming/Control _____ 7 day, 24hr Multifunctional
 Electrical Load _____ 110VAC 625watts 5.7A



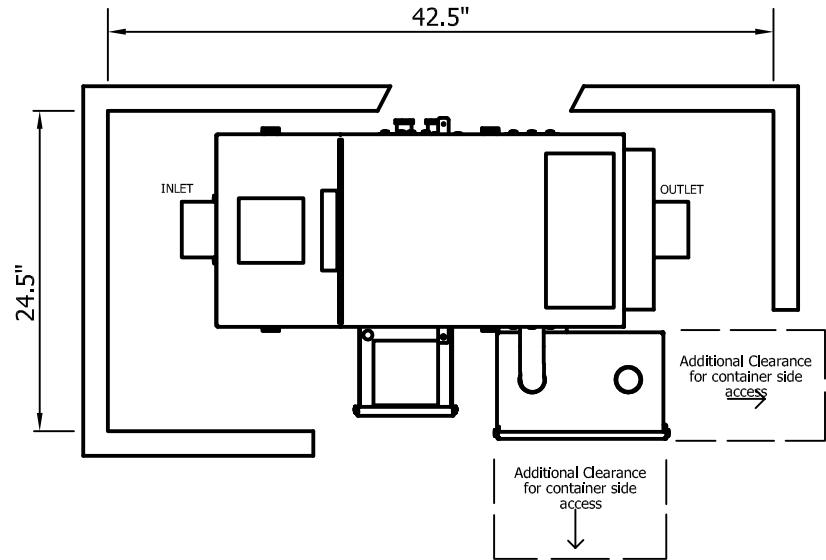
D3 (GGD25) Grease Guardian Installation Details

KEY INSTALLATION NOTES:

- Allow for the minimum clearances shown
- For tank base allow at least 42.5" length x 24.5" width clearance.
- Allow adequate access to slide-in strainer & slide-in grease collector from front.
- Inlet port is both single/dual entry
- Outlet port is both single/dual entry.
- Keep outlet piping at 1/8" per foot fall or more.
- User rubber adjustable pipe connectors as supplied.
- Only switch on after filling system with water to static level.
- Refer to long manual for full installation.

Pre start up checks:

- Ensure unit is positioned on a level surface and is plumbed in securely.
- Ensure electrical outlet is fitted with dedicated ground fault circuit breaker.
- Ensure that the unit is filled with water to the correct level
- Ensure strainer basket is fully closed
- Set controller date and time as detailed in the manual
- Ensure that collection receptacle empty and securely in place



MINIMUM FLOOR SPACE RECOMMENDATION

Specification

Install ___ Grease Guardian Model GGD25, self cleaning automatic grease removal unit, 16 gauge fully welded 304 stainless steel tank, stainless steel internal baffle plate, fully sealed air tight stainless steel lid and robust stainless steel clamps, stainless steel vertical lift solids strainer basket, left to right or right to left available with easy fit pipe couplings, 25 gallons per minute flowrate, and skimming rate of 11 pounds per hour. The GGD is supplied with stainless steel rotating grease skimming wheel, integral gas trap, totally enclosed geared drive unit, 600 watt immersion heater with self regulating safety control, programmable controller with interface, energy saving mode and audible alerts. The GGD is suitable for floor and shelf type mounting. 3 year warranty is standard.

Electrical Details

GGD25 110vac, 625watts, 5.7A

Grease Guardian World

Grease Guardian World is an interactive online register of all Grease Guardian branded products uploaded and managed by Grease Guardian, distributors and end users.

Grease Guardian World allows us to:

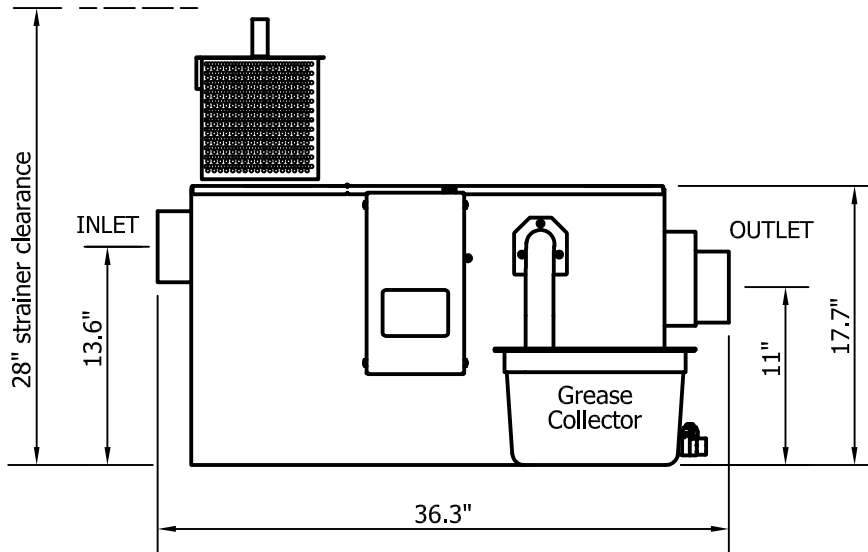
- Upload and manage individual sites
- Monitor specification, service history, supplier details for each Grease Guardian installed
- Upload and view installation photographs
- Upload and view Operation & Maintenance manuals
- Upload and view service engineer reports
- Locate sites using Google Maps linking
- Automatically remind distributors, customers and end users when service is due and warranties expire.
- Access and manage accounts on-line
- Manage recycled FOG



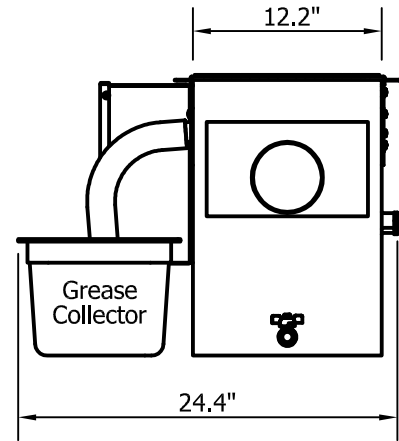


D4 (GGD35) Grease Guardian Standard Specification

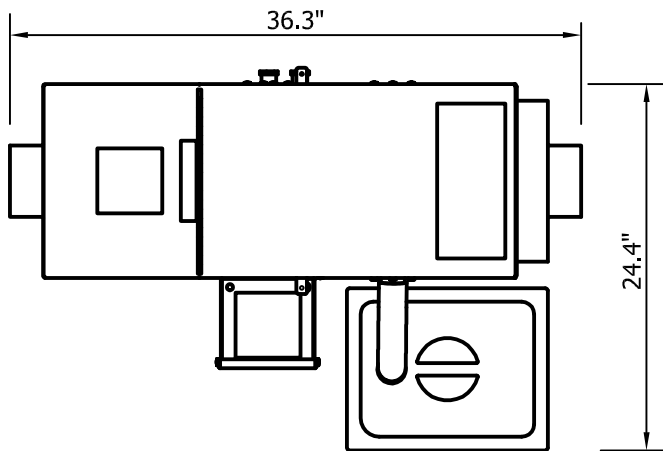
4" INLET
4" OUTLET



FRONT VIEW



END VIEW



TOP VIEW

GREASE GUARDIAN STANDARD FEATURES:

- 3 Year Guarantee
- Fully Automatic Grease Removal Unit (AGRU)
- 16 gauge stainless steel welded tank
- Fully sealed air tight lid
- Left Hand / Right Hand Options
- PLC/HMI automatic controller
- Audible alerts
- Energy saving mode
- Long life skimmer blade
- Removable basket solids strainer
- Grease Guardian World asset management

TECHNICAL DATA

Weight _____ 80 pounds
 Material _____ 16 Gauge Stainless Steel
 Interior _____ Stainless Steel & Acetal Plastic Components
 Maximum Flow Rate _____ 35 gallons per minute
 No of Skimming Wheels _____ 1
 Solids Strainer Capacity _____ 8 Pounds
 Skimming Rate _____ 11 pounds per hour
 Programming/Control _____ 7 day, 24hr Multifunctional
 Electrical Load _____ 110VAC 625watts 5.7A



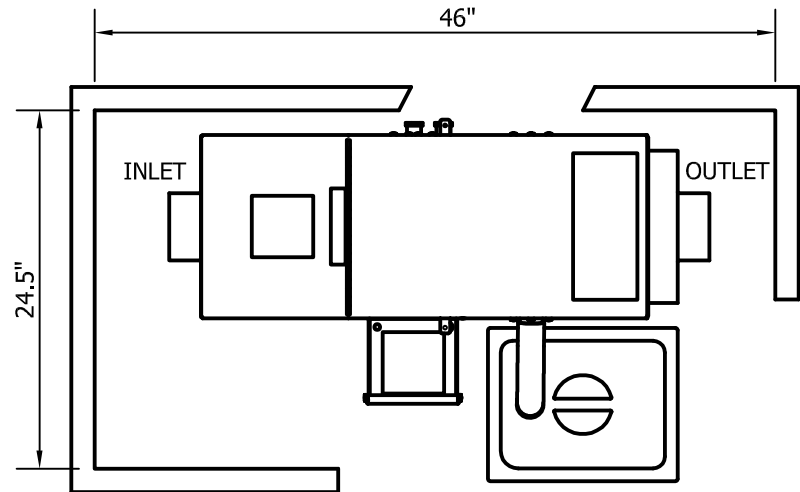
D4 (GGD35) Grease Guardian Installation Details

KEY INSTALLATION NOTES:

- Allow for the minimum clearances shown
- For tank base allow at least 46" length x 24.5" width clearance.
- Allow adequate access to slide-in strainer & slide-in grease collector from front.
- Inlet port is both single/dual entry
- Outlet port is both single/dual entry.
- Keep outlet piping at 1/8" per foot fall or more.
- User rubber adjustable pipe connectors as supplied.
- Only switch on after filling system with water to static level.
- Refer to long manual for full installation.

Pre start up checks:

- Ensure unit is positioned on a level surface and is plumbed in securely.
- Ensure electrical outlet is fitted with dedicated ground fault circuit breaker.
- Ensure that the unit is filled with water to the correct level
- Ensure strainer basket is fully closed
- Set controller date and time as detailed in the manual
- Ensure that collection receptacle empty and securely in place



MINIMUM FLOOR SPACE RECOMMENDATION

Specification

Install ___ Grease Guardian Model GGD35, self cleaning automatic grease removal unit, 16 gauge fully welded 304 stainless steel tank, stainless steel internal baffle plate, fully sealed air tight stainless steel lid and robust stainless steel clamps, stainless steel vertical lift solids strainer basket, left to right or right to left available with easy fit pipe couplings, 35 gallons per minute flowrate, and skimming rate of 11 pounds per hour. The GGD is supplied with stainless steel rotating grease skimming wheel, integral gas trap, totally enclosed geared drive unit, 600 watt immersion heater with self regulating safety control, programmable controller with interface, energy saving mode and audible alerts. The GGD is suitable for floor and shelf type mounting. 3 year warranty is standard.

Electrical Details

GGD35 110vac, 625watts, 5.7A

Grease Guardian World

Grease Guardian World is an interactive online register of all Grease Guardian branded products uploaded and managed by Grease Guardian, distributors and end users.

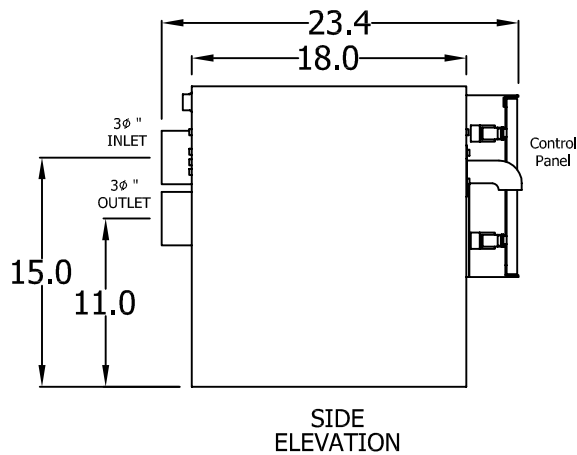
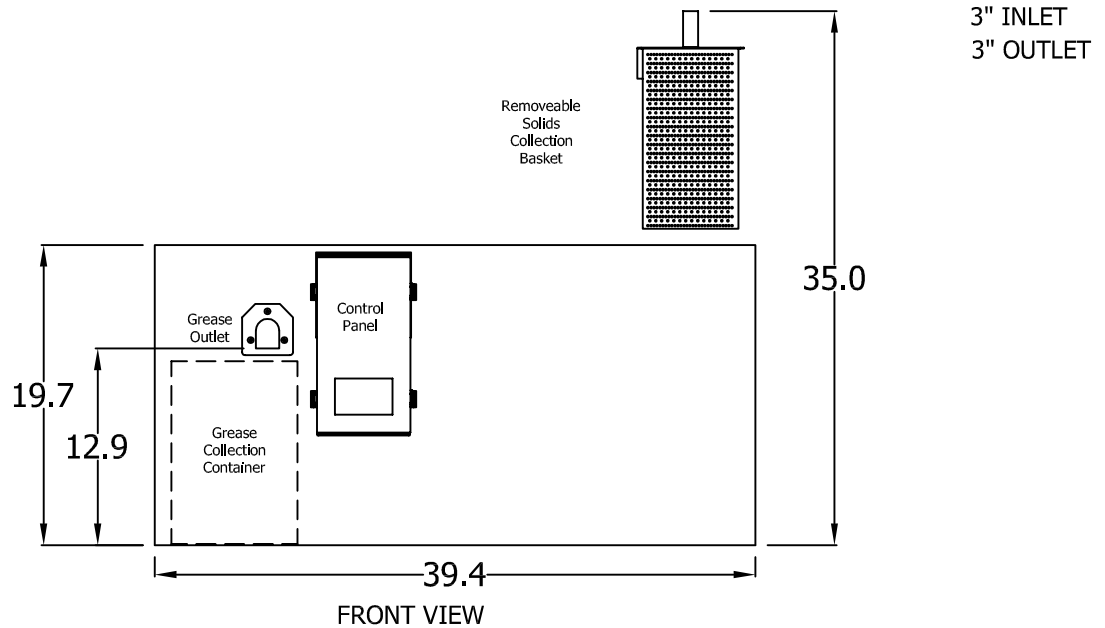
Grease Guardian World allows us to:

- Upload and manage individual sites
- Monitor specification, service history, supplier details for each Grease Guardian installed
- Upload and view installation photographs
- Upload and view Operation & Maintenance manuals
- Upload and view service engineer reports
- Locate sites using Google Maps linking
- Automatically remind distributors, customers and end users when service is due and warranties expire.
- Access and manage accounts on-line
- Manage recycled FOG





GGD50 Grease Guardian Standard Specification



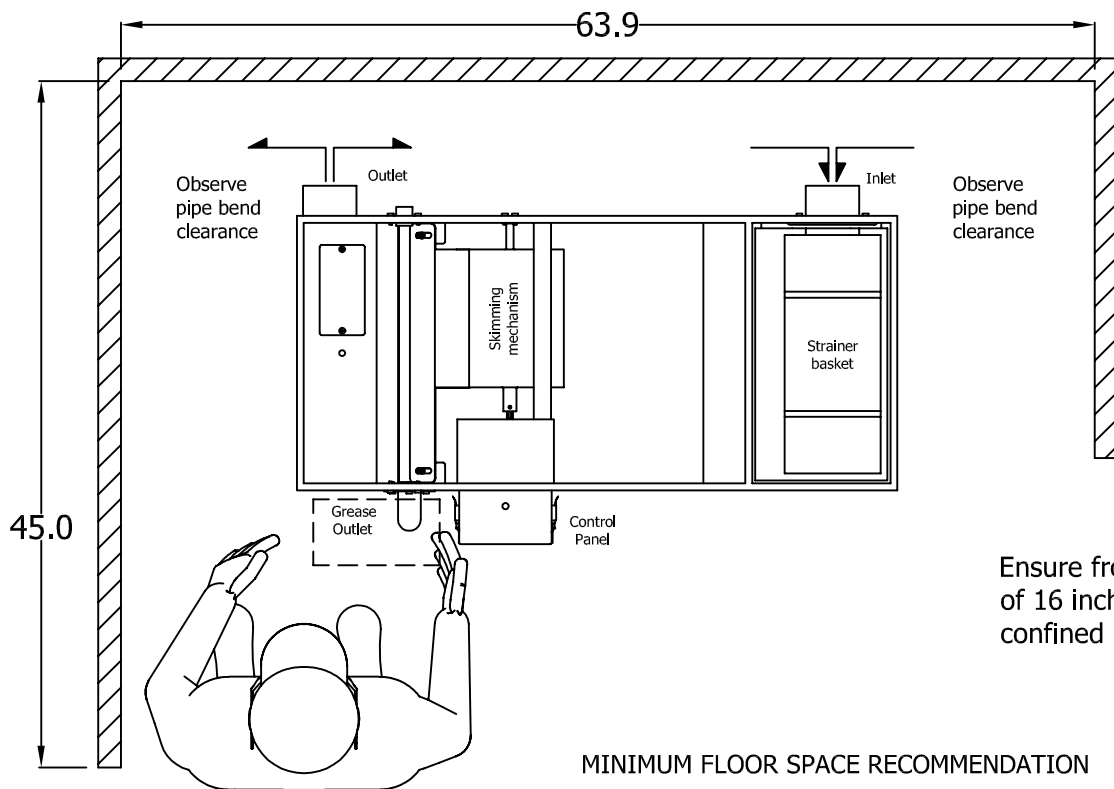
GREASE GUARDIAN STANDARD FEATURES:

- 3 Year Guarantee
- Fully Automatic Grease Removal Unit (AGRU)
- 16 gauge stainless steel welded tank
- Fully sealed air tight lid
- Universal Flow Direction
- PLC/HMI automatic controller
- Audible alerts
- Energy saving mode
- Skimming drum
- Spray bar
- Removable basket solids strainer
- Grease Guardian World asset management

TECHNICAL DATA

Weight _____ 187 pounds
 Exterior Materials _____ 16 gauge AISI304 Stainless Steel
 Interior Materials _____ AISI304 Stianles Steel & Acetal Components
 Maximum Flow Rate _____ 50 GPM
 No of Skimming Drums _____ 1
 Solids Strainer Capacity _____ 2.5 gallons
 Skimming Rate _____ 20 pounds per hour
 Grease Retention Capacity _____ 100+ pounds
 Programming/Control _____ 7day, 24hr multi-function PLC
 Electrical Load _____ 110VAC, 2060W, 18.72A

GGD50 Grease Guardian Installation Details



KEY INSTALLATION NOTES:

This unit is to be installed free standing normally at a lower level than the kitchen floor.
 Allow for the minimum dimensions shown.
 Keep outlet piping at a fall of $\frac{1}{3}$ " per foot.
 Use adjustable rubber pipe connectors as supplied.
 Only switch on after filling system to the required level
 Refer to manual for full installation details.

PRE START CHECK UP:

Ensure unit is positioned on a level surface and is plumbed in securely.
 Ensure electrical outlet is fitted with dedicated ground fault circuit breaker.
 Ensure that the unit is filled with water to the correct level.
 Set correct controller date and time as detailed in the manual.
 Ensure that collection receptacle is empty and securely in place.

SPECIFICATION:

Install ___ Grease Guardian Model GGD50, self cleaning automatic grease removal unit, 16 gauge fully welded 304 stainless steel tank, stainless steel internal baffle plate, fully sealed air tight stainless steel lid and robust stainless steel clamps, stainless steel vertical lift solids strainer basket, easy fit pipe couplings supplied, 50 gallons per minute flowrate, and skimming rate of 20 pounds per hour. The GGD is supplied with a rotating grease skimming, integral gas trap, totally enclosed geared drive unit, 600 watt immersion heater with self regulating safety control, programmable controller with interface, energy saving mode and audible alerts. The GGD is suitable for floor and shelf type mounting. 3 year warranty as standard.

Electrical Details

GGD50 110vac, 2060watts, 18.72A

GREASE GUARDIAN WORLD:

Grease Guardian World is an interactive online register of all Grease Guardian branded products uploaded and managed by Grease Guardian, distributors and end users.

Grease Guardian World allows us to:

- Upload and manage individual sites
- Monitor specification, service history, supplier details for each Grease Guardian installed
- Upload and view installation photographs
- Upload and view Operation & Maintenance manuals
- Upload and view service engineer reports
- Locate sites using Google Maps linking
- Automatically remind distributors, customers and end users when service is due and warranties expire.
- Access and manage accounts on-line
- Manage recycled FOG