

# PROFESSIONAL RANGE

**Grease  
Guardian®**

**GGX50**

## GREASE GUARDIAN GGX50 AUTOMATIC GREASE REMOVAL UNIT



**50 GPM - 100+  
Pounds Grease  
Capacity**



Grease Guardian  
Professional Point  
Source Grease Solutions



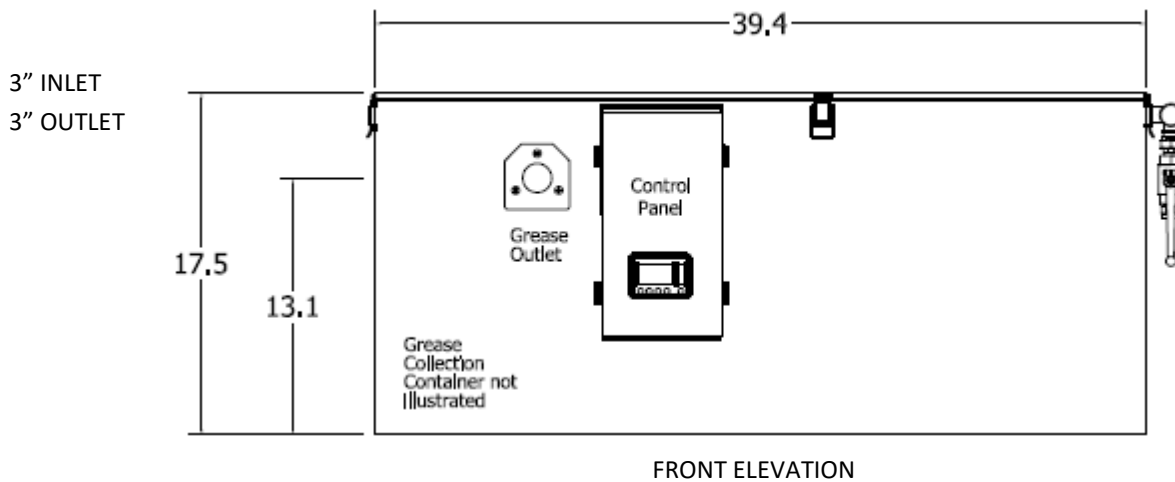
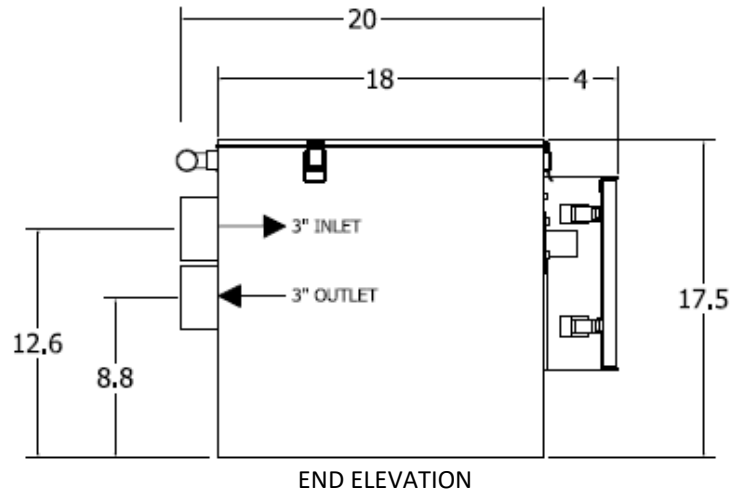
**STAINLESS STEEL CONSTRUCTION  
DURABLE - RELIABLE - BUILT TO LAST**

**FULLY ENGINEERED**

Grease Management Solutions For Your Kitchen  
Pot Sinks, Pre-Rinse and Multi Compartment Sinks

**GREASE GUARDIAN standard features**

- 3 Year Warranty
- 16 Gauge stainless steel welded tank
- Fully sealed air tight system
- Universal flow direction
- PLC/HMI automatic controller
- Long life skimming blade
- Lift out solids strainer
- 2.5 gallon grease collector
- Skimming Drum manual spray wash
- Concealed electrics and plumbing
- Hot water conditioning system
- Integral flow control
- Integral gas trap



**GREASE GUARDIAN GGX50**



**TECHNICAL DATA**

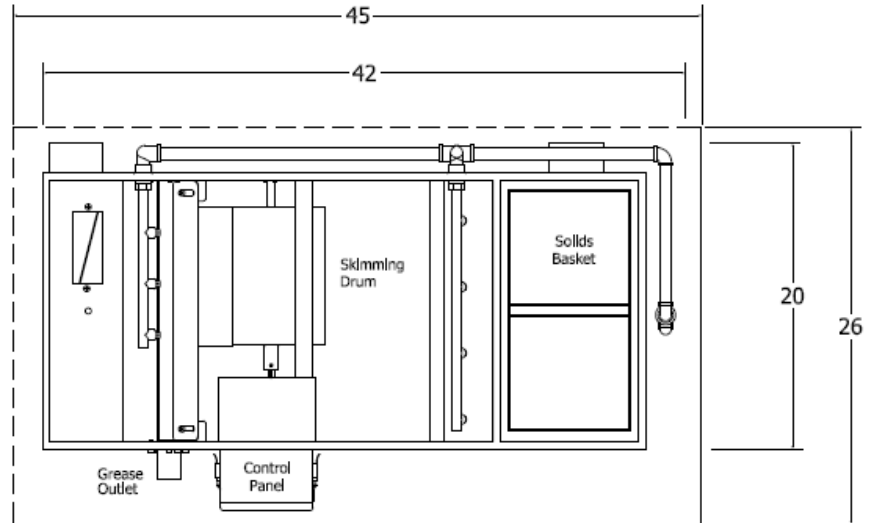
WEIGHT	190 pounds
MATERIAL	Stainless steel
INTERIOR	Stainless steel
FLOWRATE	50 gallons per minute
GREASE RETENTION	100+ pounds
SOLIDS STRAINER CAPACITY	2.5gallons
SKIMMING RATE / LOW	11 pounds per cycle
SKIMMING RATE / HIGH	22 pounds per cycle
AVAILABLE CYCLES	4 per day
MAXIMUM SKIMMING	88 pounds per day
PROGRAM CONTROL	PLC/HMI
ELECTRICAL	110 vac 630 WATTS 5.73A

### KEY INSTALLATION NOTES

- Allow for the minimum clearances shown
- Allow 45" x 26" for tank and container base
- Allow adequate space for grease container
- Inlet port is uni-directional (single)
- Outlet port is uni-directional (single)
- Keep outlet piping at 1/8" per foot or greater
- Use rubber pipe connections provided
- Only switch on after filling with water
- Refer to full manual for full instructions

### PRE-START UP CHECKS

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



FLOOR SPACE REQUIREMENTS



## Specification

Install \_\_\_\_\_ Grease Guardian Model GGX50, 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, heavy duty stainless steel solids strainer basket, uni-directional inlet and outlet flow connections, with easy fit pipe couplings, concealed plumbing and electrical connections, 50 gallon per minute flowrate, 100+ pounds grease retention capacity, and skimming rate of 11/22 pounds per low/high cycle. The GGX50 is supplied with a stainless steel rotating skimming drum, integral gas trap, integral flow control, totally enclosed geared drive unit, 2.5 gallon grease collection container and hose, 600 watt immersion heater with self-regulating safety control, programmable controller and interface with energy saving mode. The GGX50 is suitable for floor mounting. The GGX50 is electrically tested and approved with MET Laboratories to UL499 and CSA C22-2 88-1952 standards. 3 year warranty is standard.

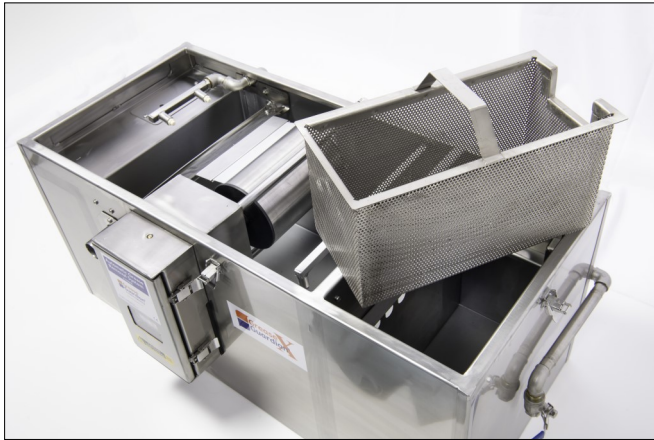
- GGX Automatic Washdown Solenoid Valve Kit
- GGX Combi Oven Modifications
- GGX Rotisserie Modifications
- GGX Wok Guardian Modifications
- GGX Point Source Stainless Steel Support Stand
- Grease Guardian Solids Strainers and Sink Guards
- GGX Audible Alarms
- GGX Motions Detections

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

# PROFESSIONAL RANGE

## GREASE GUARDIAN GGX50

**Grease Guardian GGX50**  
**Automatic Grease Recovery Unit**  
**50 GPM**  
**100+ Pounds Grease Retention**



### Fully Approved System

Grease Guardian Automatic Grease Recovery Units are the most efficient and reliable on the market.

The Grease Guardian GGX50, point source grease recovery unit intercepts wastewater from the kitchen, separates solids and grease, then automatically removes the settled grease into the external grease collector up to 4 times per day.

All Grease Guardians are built from high quality stainless steel tanks, reliable and efficient mechanical skimming devices and programmable PLC interfaces.

The Grease Guardian GGX50 machines carry an unrivaled 5 year warranty on all mechanical and electrical equipment and a 10 year warranty on the tank.

### Grease Guardian GGX50

#### Stage 1 - Solids Separation

Wastewater from the kitchen is directed through the inlet of the GGX50. A removable inlet solids strainer collects any solid debris.

#### Stage 2—Grease and Oil Separation

Grease in the wastewater floats to the surface and is trapped leaving the clear water to exit the tank.

#### Stage 3 - Self Cleaning Grease Removal

The PLC controlled immersion heater is activated to liquefy the grease, which is then removed by the skimming drum into the external grease collector.



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