

AUTOMATIC GREASE INTERCEPTOR - MI-G-AD

MI-G-AD Series is an automatic recovery grease interceptor that is self-cleaning and requires minimal maintenance.

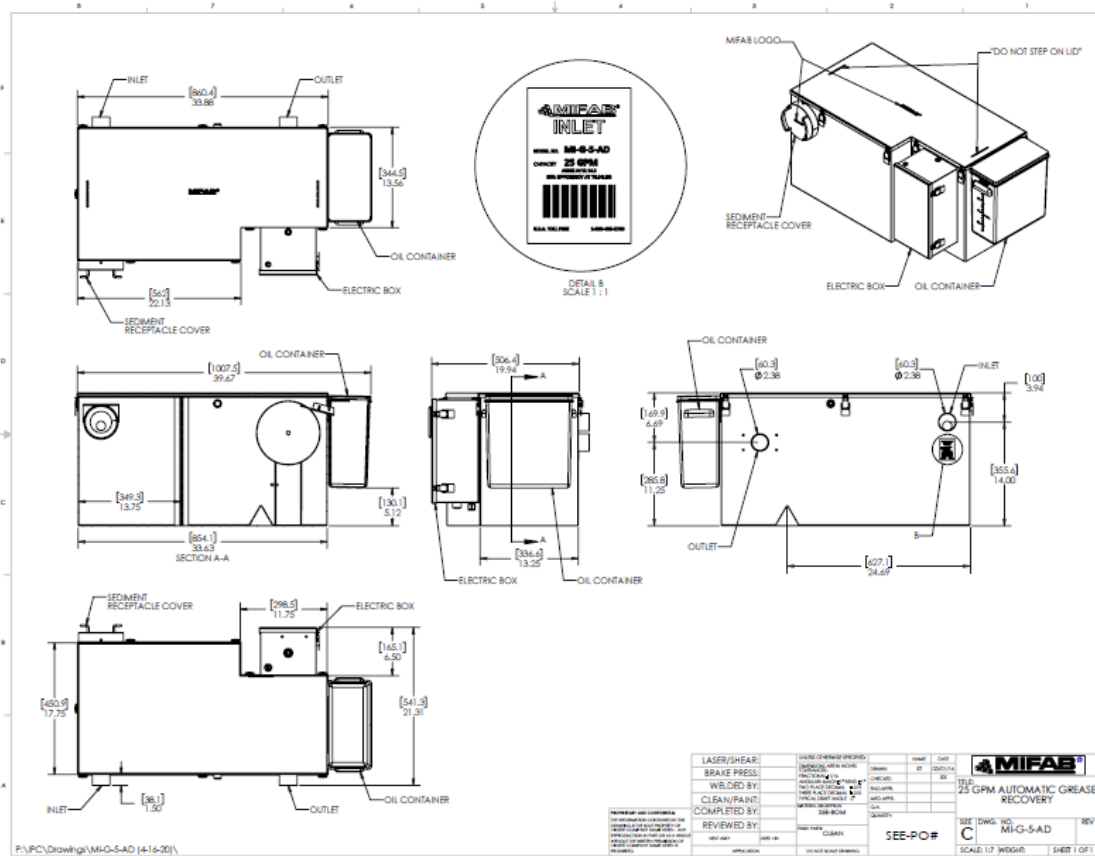
The unit intercepts solids with an internal sediment bucket and extracts free floating oil and grease from the unit, automatically, into a separate holding compartment.

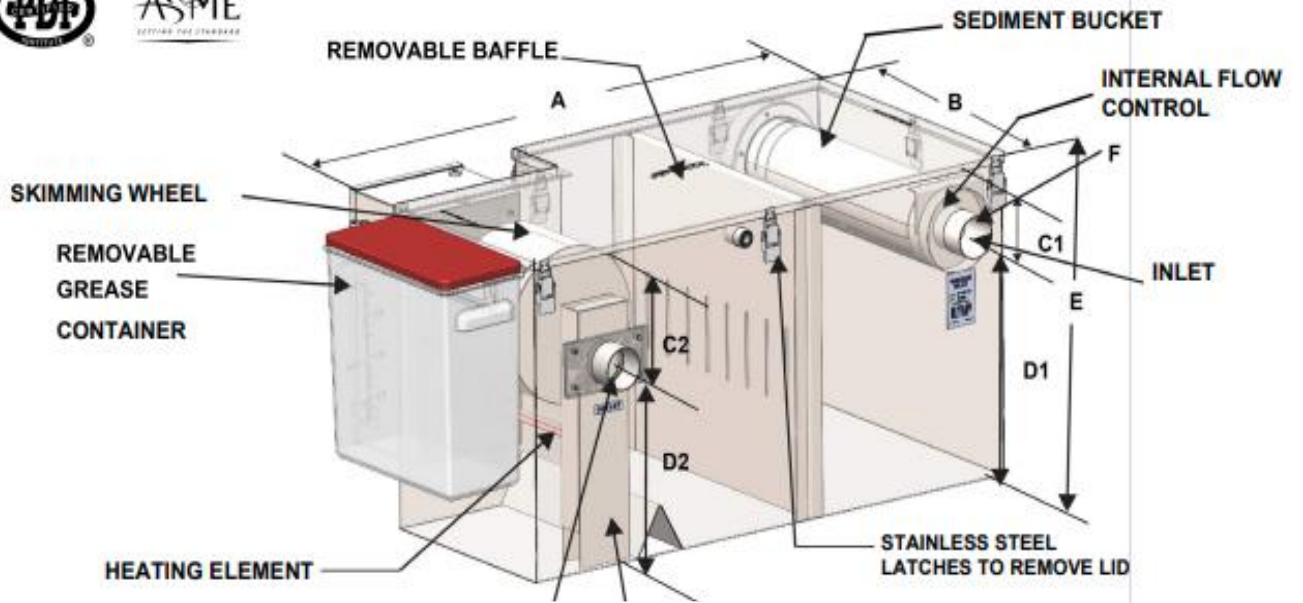
The MI-G-AD series should be used in large restaurants, kitchens, institutions, industrial facilities, such as food processing and packaging plants. Where fats, oil, and grease (FOG) drains into wastewater.

PROJECT SCOPE:

- Test developed prototype per ASME 112.14.3 – 2000, with results for total efficiency of 90% or more.

MI-G-AD-25 DRAWINGS AND SPECIFICATION BELOW:





MODEL NUMBER	US GPM	GREASE CAP. LBS.	A IN	B IN	C1 IN	C2 IN	D1 IN	D2 IN	E IN	F IN
○ MI-G-AD-15	15	30	24	18	4	6.75	13	10.25	17	2.38
○ MI-G-AD-20	20	40	25.5	18	4	6.75	14	11.25	18	2.38
○ MI-G-AD-25	25	50	33.88	18	4	6.75	14	11.25	18	2.38
○ MI-G-AD-35	35	70	44.63	18	4	6.75	17.5	17.5	21.5	3.38
○ MI-G-AD-50	50	100	46.5	18	4	6.75	19.5	17	23.88	3.38
○ MI-G-AD-75	75	150	72	18	5	6.75	24.63	22.88	29.63	4.38
○ MI-G-AD-100	100	200	72	28	5	6.75	28.63	26.88	33.63	4.38

TYPICAL INSTALLATION INSTRUCTIONS:

1. Location

MI-G-AD grease interceptors are designed for installation directly on the floor and in immediate of the sink fixtures.

The electronic control box should face toward the room.

The unit must be level.

The necessary clearance between unit and wall has been determined by the inlet and outlet connections (3" or 4") located on the opposite side of the control box.

The plumbing outlet coupling of MI-G-AD should be close to sink sanitary drain.

2. Plumbing connections

The specified MI-G-AD sized to handle the designated GPM flow.

The internal flow control should be rated according to local codes.

Drain line should not exceed the capacity of the grease interceptor.

Outlet coupling size must not be reduced as overflowing will occur. If the outlet must be reduced, the inlet shall be reduced as well to help the flow control though unit.

The MI-G-AD outlet shall be piped to the waste line system.

A vent of at least ½" in diameter, should be connected to the outlet pipe – within less than 6 feet from unit - to prevent siphonage problems.

3. Electrical

The MI-G-AD has several electrical components and comes prewired from the manufacturer.

After MI-G-AD is completely plumbed and water is in the unit, the electrical connection can be done. Do not start the unit without water in the tank, as the heater may be damaged.

Make the connection of the control box cord to power source, as per local code.

After all electrical connections are complete verify if the unit runs and the green power light is on.

Please set 7 days timer inside the control box, using the thermostat dial.



4. Maintenance- Operator instructions

During the first week of use, monitor the system to check if MI-G-AD is installed properly.

The thermostat is set to 110° F. Do not adjust the temperature above 120° F.
If the grease accumulates too fast into the plastic container, additional timer activation can be set to compensate for the extra grease.
The strainer basket shall be cleaned daily.
Once a week, check for solid deposits into the tank, by simply lifting its cover.