



**MIFAB**

TITLE: BIG-1150-99

SIZE DWG. NO. XXXXX

SCALE: 1:11 WEIGHT: SHEET 1 OF 1

REVISIONS

REV	DESCRIPTION
1	XXXXX



## BIG-1150-99

Grease Interceptor Calculation:  
Per Florida Plumbing Code Section  
1003.3.4, in accordance with PDIG101  
Sec.8.3.1 sizing method based on pipe  
diameter and slope table:

Minimum Slope	Pipe Size	GPM 2 minutes drain
1/8" per ft	4"	75

### Seats X Turns X Grease Product X POF = Grease Capacity

Number of Seats	Turns per Seat	Meals per Day	Grease Production per Meal (lbs)	POF (Days)	Grease Capacity Needed (LBS)	Description
44	4	400	0.0325	30	390	Eat-In
		400	0.0325	90	1170	Eat-In
		200	0.0325	90	600	y
Total Grease Capacity Needed					1160	

### IAPMO RESEARCH AND TESTING, INC.

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### CERTIFICATE OF LISTING



IAPMO Research and Testing, Inc. is a product certification body in which its product certification system includes inspection and testing of samples taken from the supplier's stock or from the market or a combination of both to verify compliance to the requirements of applicable codes and standards. This activity is coupled with periodic surveillance of the supplier's factory and/or warehouses as well as the assessment of the supplier's quality management system. This listing is subject to the conditions set forth in the certification listing and is not to be construed as any recommendation, assurance or guarantee by IAPMO Research and Testing, Inc. of the product acceptance by local building authorities.

Issued To:

**MIFAB, INC.**

1301 WEST 110TH STREET CHICAGO, IL 60642, United States

Product:

Hydromechanical Grease Interceptors

Products are in compliance with the following code(s):

Uniform Plumbing Code (UPC)

International Plumbing Code (IPC)

Products are certified to the following standard(s):

ASME A112.14.3-2010 / CSA B481.1

File Number: 1380

Revised Date: May 13, 2021

Effective Date: February 2024

Valid After: February 2025\*

*Tim Collins*  
Chairman, Product Certification Committee



*John M. Collins*  
Chief Technical Service Officer

### NOTE:

1. All grease traps and solid interceptors can be cleaned at any time.
2. "Area for interceptors only"
3. No cars can park on top of them.

### GREASE TRAP SCOP OF WORK:

1. Connect New Fixtures and the new grease lines to BIG-1150-99 at 75 GPM.
2. Waste water Sample Port model # SAMPORT
3. Settler BIG-1150-99 with H2O rated pickable cast iron covers.
4. To comply with FOG 2.0 RER-DERM requirements.
5. Adjust pipe to meet existing elevation of main sanitary drain

### FOG 2.0 RER-DERM

Required Information	Total
Sample Port	SAMPORT
Capacity (Gallons)	300
FOG load capacity (lbs) at 99% efficiency	1,812
Manufacturer	MIFAB
Model #	BIG-1150-99
3rd party certifier	ASME
Interceptor Monitor Alarm (model#)	HLA2
Interceptor Monitor Device (model#)	BY OTHERS
Solid Separator (model#)	BIG-140-S

### NOTE:

Sample port shall always be accessible without having to remove merchandise and without standing water, on ground level with minimum 36 inches horizontal clearance from any wall, fixed equipment or stored materials and a minimum of 48 inches vertical clearance from any stored materials or fixed equipment. Grease interceptor shall always be accessible to allow for maintenance and cleaning without any impediments.

BIG-1150-99 meets the DERM 99% efficiency and PH of 3	Model #	Quantity	Flow (GPM)	Grease capacity Needed (lbs)
ASME A 112.14.3, Type D	BIG-1150-99	1	75	1,812

### NOTE:

MIFAB interceptors will have access for cleaning the tanks from 72" above.

No.	Test	Clear	Seconds	Rate (GPM)	Lb. Added	Lb. Skimmed	Lb. Retained	Efficiency	Lb. Added	Lb. Skimmed	Lb. Retained	Efficiency
115	1	2	109.75	77.90	15.00	0.345	14.655	97.70%	1725.00	15.845	1709.16	99.08%
116	2	1	112.44	76.04	15.00	0.285	14.715	98.10%	1740.00	16.130	1723.87	99.07%
117	1	2	112.85	76.13	15.00	0.410	14.590	97.27%	1755.00	16.540	1738.46	99.06%
118	2	1	111.93	76.13	15.00	0.315	14.685	97.90%	1770.00	16.855	1753.15	99.05%
119	1	2	112.57	76.13	15.00	0.335	14.665	97.77%	1785.00	17.190	1767.81	99.04%
120	2	1	110.71	76.13	15.00	0.320	14.680	97.87%	1800.00	17.510	1782.49	99.03%
121	1	2	112.97	76.13	15.00	0.310	14.690	97.93%	1815.00	17.820	1797.18	99.02%
122	2	1	110.58	76.13	15.00	0.295	14.705	98.03%	1830.00	18.115	1811.89	99.01%
123	1	2	109.75	76.13	15.00	3.290	11.710	78.07%	1845.00	21.405	1823.60	98.84%
124	1	2	112.44	76.13	15.00	0.490	14.510	96.73%	1860.00	21.895	1838.11	98.82%

Satisfies Miami DERM 99% efficiency requirements.  
Product labels are permanently attached to inside and outside of unit for easy viewing.





**BIG-1150-99**

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41	4	400	0.0325	30	390	Eat-In
		400	0.0325	90	1170	Take-Out
		200	0.0325	30	650	Bakery
Total Grease Capacity Needed					1970	

FOG 2.0 RER-DERM	
Required Information	Total
Sample Port	SAMPORT
Capacity (Gallons)	300
FOG load capacity (lbs) at 99% efficiency	1,812
Manufacturer	MIFAB
Model #	BIG-1150-99
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Interceptor Monitor Alarm (model#)	HLA2
Interceptor Monitor Device (model#)	BY OTHERS
Solid Separator (model#)	BIG-140-S

<b>BIG-1150-99 meets the DERM 99% efficiency and PH of 3</b>	<b>Model #</b>	<b>Quantity</b>	<b>Flow (GPM)</b>	<b>Grease capacity Needed (lbs)</b>
ASME A 112.14.3, Type D	BIG-1150-99	1	75	1,812

