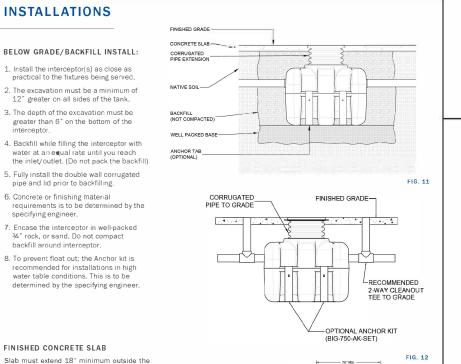


SPECIAL PRECAUTIONS

1. HIGH TEMPERATURE KITCHEN WATER

If there is water entering the interceptor at over 150° F.



ELEVATION VIEW

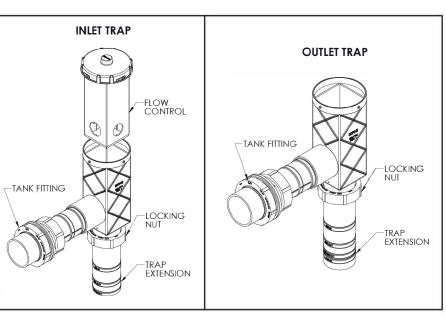
CORRUGATED PIPE

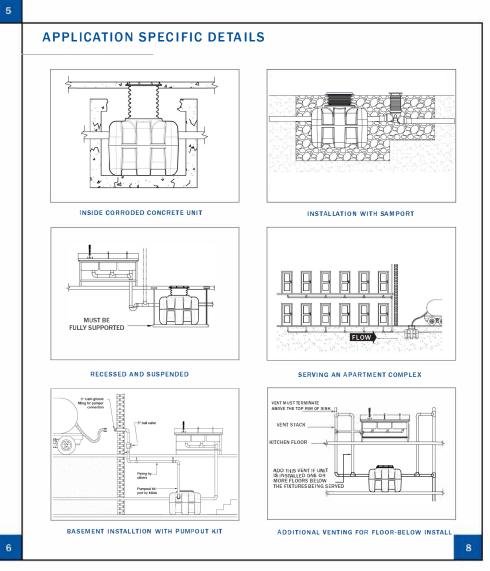
CONCRETE SLAB DETAIL

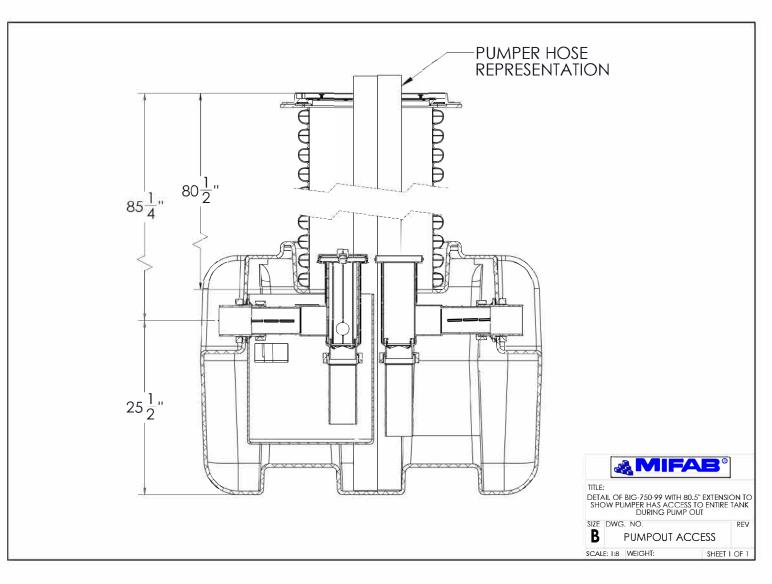
INSTALLATIONS

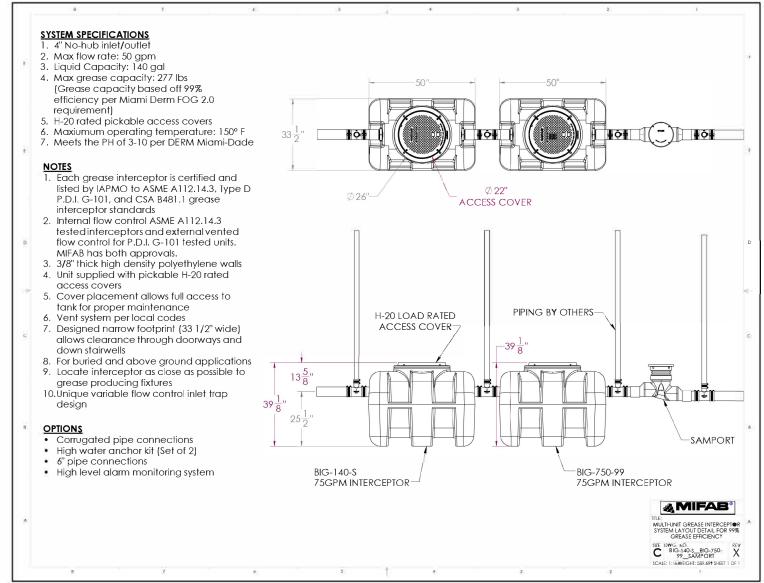
HIGH TEMPERATURE = EFFLUENT(>150DEG F)

DTV (DRAIN WATER_ TEMPERING VALVE)



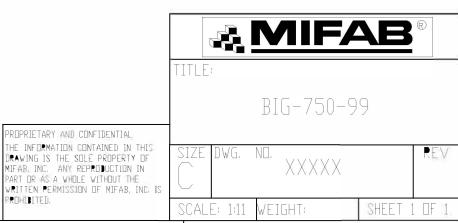








Satisfies Miami DERM 99% efficiency requirements. Product labels are permanently attached to inside and outside of unit for easy viewing.



BIG-750-99

Grease Interceptor Calculation: Per Florida Plumbing Code Section 1003.3.4, in accordance with PDI G101 Sec.8.3.1 sizing method based on pipe diameter and slope table:

Minimum	Pipe	GPM
Slope	Size	2 minutes drain
1/8" per ft	4"	50

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 capacit y Needed (LBS)	Description	
44	4	176	0.0455	90	721	Eat-In	
		75	0.035	90	236	Take-Out	
		200	0.035	90	630	Bakery	
Total	Total Grease Capacity Needed						

IAPMO RESEARCH AND TESTING, INC.







CERTIFICATE OF LISTING



MIFAB, INC.

COT MOST TERM STREET CHICAGO, IL GROOD, UNION STUDIO

Braken Hydromechanical Grease Interceptors

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

strafform Planting Code (sPCII) permettenal Pharbing Ende (IPCII)

File Number: 3595 Acres 644 (44, 270%)







Products are certified to the following standardist ASME ATTE NALE-DOTE - CSA BORN. A

West Albam | Enterway 2003/*

NOTE:

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

GREASE TRAPSCOP OF WORK:

- 1. Connect New Fixtures and the new grease lines to BIG-750-99 at 50 GPM.
- Waste water Sample Port model #SAMPORT
- 3. Settler BIG-750-99 with H20 rated pickable cast iron covers.
- 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)	140				
FOG load capacity (lbs) at 99% efficiency	277				
Manufacturer	MIFAB				
Model#	BIG-750-99				
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-750-99 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-750-99	1	50	277

NOTE:

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

	· · · · · · · · · · · · · · · · · · ·	lb.			mark in the second	***		late of the sa	Bahr				446
lotal .	Itticiency	Retsined	sai mmed	Its. Access	Efficiency	ii (Madeo	bennnist: <u>ii</u>	this Actions	ropyg	Secesia	Clinar	Tires*	Hais
med:	9.50%	109.450	0.550	110.00	99.25%	9.925	0.075	10.00	50.53	112.81	2	1	11
fotall alines.	9.47%	119.365	0.635	120.00	99.15%	9.915	0.085	10.00	50.37	113.17	1	2	12
ed:	9.47%	129.305	0.695	130.00	99.40%	9,940	0.060	10.00	50.18	113.60	2	1	13
tency s (Line I) - Li	9.45%	139-235	0.765	140:00	99.30%	9,930	0.070	10.00	51.26	111.19	1	2	14
ciones N a	9.43%	149.150	0.850	150.00	99.15%	9,915	0.085	10.00	50.61	112.62	2:	1	15
	9.40%	159.045	0.955	160.00	98.95%	9.895	0.105	10.00	51.78	110.09	í	2	16
	9.38%	168.945	1.055	170.00	99.00%	9.900	0.100	10.00	51.38	110.93	2	1	17
	9.36%	178.840	1.160	180.00	98.95%	9.895	0:105	10.00	51.18	111.37	i	ž	18
Summary and Results based on rise sesting to "maximum gresse capacity" at 99% efficiency		188.725	1.275	190.00	98.85%	9.885	0.115	10.00	\$1.04	111.68	ž	2	19
		198.600	1.400	200.00	98.75%	9.875	0:125	10.00	51.40	110.90	1	2	20
	9.25%	208.435	1.565	210100	98.35%	9.835	0:165	10.00	51.24	111.25	2	3.	31
	9.22%	218.290	1.710	220:00	98.55%	9.855	0.145	10.00	51.21	111.31	1	21	22
skdown ement No.	9.19%	228.145	1.855	230.00	98 55%	9.855	0.145	10.00	51-29	111.13	2:	1	23
	9.18%	238.020	1.980	240.00	98.75%	9.875	0:125	10.00	\$1.15	111.44	1	ž	24
lotal imed;	9.13%	247.825	2.175	250.00	98.05%	9.805	0:195	10.00	51.01	111.75	2	1	35
fotal	9.11%	257.685	2.315	260.00	98.60%	9.860	0.140	10.00	51.10	111.54	1	2	26
fotal edit	9.07%	267.495	2.505	270:00	98.10%	9.810	0:190	10.00	50.92	111.94	2:	1	17
langy of (liber 3' - U	9.02%	277.255	2.745	280.00	97.60%	9.760	0.240	10.00	50.95	111.88	1	2	28
ciency (C a	8.97%	287.005	2.995	290.00	97.50%	9.750	0.250	10.00	50.67	112.50	ž	ĩ	29
	8.91%	296.735	3.265	300.00	97.30%	9.730	0.270	10.00	51.01	111.75	1	2	30

BIG-750-99 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-750-99	1	50	277

Seats X Turns X	Grease Product X POI	F = Grease Capacity

Number of Seats	Turns per Seat	Meals per Day		POF (Days)	Grease capacit y Needed (LBS)	Description
44	4	176	0.0455	90	721	Eat-In
		75	0.035	90	236	Take-Out
		200	0.035	90	630	Bakery
Total	Grease (Capacity	Needed		1587	

SAMPORT SPECIFICAT	TION SHEET
Cut line for adding extension (for extension use 8" corrugated pipe) 11.17" OD 4" No Hub outlet 121/4"	10,000 Lbs. Load Rated Cover 4" No Hub inlet Cut lines for 6" No Hub pipe connections

FOG 2.0 RER-DERM					
Required Information	Total				
Sample Port	SAMPORT				
Capacity (Gallons)	140				
FOG load capacity (lbs) at 99% efficiency	277				
Manufacturer	MIFAB				
Model#	BIG-750-99				
3rd party certifier	ASME				
Interceptor Monitor Alarm (model#)	HLA2				
Interceptor Monitor Device (model#)	By Others				
Solid Separator (model#)	BIG-140-S				

