



# THE BLUE WHALE

DESIGNED FOR FOG, FOOD PROCESSING AND INDUSTRIAL WASTEWATER

Save money in your plant by eliminating downtime, disruptions and maintenance with the Or-Tec Blue Whale Micro Bar Screen. This patented, ultra-fine unit will screen wastes with high levels of fat, oil and grease, solids, rags and plastics — for huge downstream equipment, labor and process savings.

- No Washwater
- No Brushes
- No Blinding
- Fine Screen for high removal rates
- Eliminate clogging of pumps downstream
- Retrofit into existing wet wells and pump stations
- Reliable + durable



EASY TO INSTALL  
& OPERATE



LOW  
MAINTENANCE



RAPID  
ROI

est.1980

or-tec.com

# RAISING THE BAR

Focus on your business – not your water treatment – with a turnkey, fine wastewater screen. The Or-Tec Blue Whale Micro Bar Screen meets the highest standards for low maintenance, reliability and performance.

- No Wash Water, No Brushes, No Blinding
- Screens high FOG wastes with ease
- Bar spacings from 1 to 25mm (3/64" – 1")
- In channel, in tank or vertical or wet well installations customized etc
- Over 2,000 screen installations in operation
- Available in 304 and 316 stainless steel
- No coarse screen required upstream
- Complete package with Compactor Washer and Controls available



Blue Whale Micro Bar Screen with 2mm bar spacing in operation on high FOG food processing waste with TSS up to 10,000 mg/L

## FLOW CAPACITY OF MICRO BAR SCREEN IN MGD (MILLION GALLONS PER DAY)

Typical Bar Spacing	Hotel Effluent	Catering	Pulp & Paper	Textile & Dyeing	Fish Processing	Citrus Fruit	Fruit-Vegetable Process	Dairy	Brewing	Bottle washing	Slaughter-house	Paint Spray Booth
	2mm	2mm	3mm	1mm	2mm	1mm	1mm	1mm	1mm	2mm	1mm	1.5mm
Model												
MB460	0.4	0.3	0.3	0.3	0.5	0.3	0.2	0.3	0.3	0.4	0.2	0.4
MB4120	1.0	0.7	0.6	0.8	1.2	0.8	0.4	0.7	0.6	1.0	0.4	1.0
MB6100	1.1	0.8	0.7	0.9	1.3	0.9	0.5	0.8	0.7	1.1	0.5	1.1
MB6300	4.2	2.8	2.6	3.4	4.9	3.4	1.7	2.8	2.6	4.2	1.7	4.0
MB7100	1.6	1.1	1.0	1.3	1.9	1.3	0.7	1.1	1.0	1.6	0.7	1.5
MB7300	5.9	4.0	3.7	4.9	6.9	4.9	2.4	4.0	3.7	5.9	2.4	5.7
MB9150	3.3	2.2	2.1	2.7	3.8	2.7	1.4	2.2	2.0	3.3	1.4	3.2
MB9300	7.4	4.9	4.6	6.0	8.6	6.0	3.0	4.9	4.5	7.4	3.0	7.0
MB10150	4.1	2.7	2.6	3.3	4.7	3.3	1.7	2.7	2.5	4.1	1.7	3.9
MB10400	12.5	8.3	7.8	10.2	14.5	10.2	5.1	8.3	7.7	12.5	5.1	11.9
MB12150	4.8	3.2	3.0	4.0	5.6	4.0	2.0	3.2	3.0	4.8	2.0	4.6
MB12500	19.0	12.6	11.9	15.6	22.1	15.6	7.8	12.6	11.7	19.0	7.8	18.1
MB15200	9.0	6.0	5.7	7.4	10.5	7.4	3.7	6.0	5.5	9.0	3.7	8.6
MB15500	25.0	16.6	15.7	20.5	29.1	20.5	10.2	16.6	15.4	25.0	10.2	23.9
MB20250	16.4	10.9	10.3	13.4	19.1	13.4	6.7	10.9	10.1	16.4	6.7	15.7
MB20850	61.1	40.7	38.4	50.1	71.3	50.1	25.1	40.7	37.6	61.1	25.1	58.5

Other models available for different flowrates  
Listed peak flows are for reference only  
Contact Or-Tec for specific application information

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